

CONFIDENTIAL

Release Date 7-24-98

RIDGEWAY 10-26-29 STATE
NW SW 26-10N-29E (903)

To: Oil and Gas Program Administrator
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

This is to advise you that I accept the abandoned oil or gas exploration well, known as the Wild CAT well state 10-26, located on the SW 1/4 of NW 1/4 (quarter-quarter) of Section 26, Township 10N, Range 29E, County of Apache, Arizona, as a livestock water well.

I accept full responsibility for the proper maintenance and use of the above well, including its final plugging, in compliance with rules of the Arizona Department of Water Resources (12 A.A.C. 15).

I understand that I am responsible for compliance with the provisions of the State Groundwater Code, A.R.S. Title 45, Ch. 2, Article 10, and with any applicable requirements of the federal government.

Signature Daric Knight
Address Cinco Naches Ranch
P.O. Box 1014 Springerville AZ 85738

* * * * *

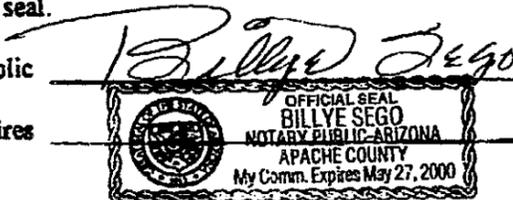
State of ARIZONA
County of Apache

On this, the 4th day of May, 192000, before me Daric Knight, the undersigned officer, personally appeared Daric Knight, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that Daric Knight executed the same for the purpose stated therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public

My commission expires



OIL & GAS CONSERVATION COMMISSION
WATER WELL ACCEPTANCE
FORM 26 - File one copy

Permit Number 903

ARIZONA STATE
LAND DEPARTMENT

To: Oil and Gas Program Administrator
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

2000 MAY -4 A 11:55

This is to advise you that I accept the abandoned oil or gas exploration well, known as the WILD CAT Well State 10-26, located on the SW 1/4 of NW 1/4 (quarter-quarter) of Section 26, Township 10N, Range 29E, County of Apache, Arizona, as a livestock water well.

I accept full responsibility for the proper maintenance and use of the above well, including its final plugging, in compliance with rules of the Arizona Department of Water Resources (12 A.A.C. 15).

I understand that I am responsible for compliance with the provisions of the State Groundwater Code, A.R.S. Title 45, Ch. 2, Article 10, and with any applicable requirements of the federal government.

Signature Dacie Knight Circo Naches Ranch
Address P.O. Box 1014 Springville
Arizona 85938

* * * * *

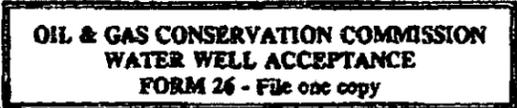
State of Arizona
County of Apache

On this, the 12th day of April, 2000, before me Mark Baca, the undersigned officer, personally appeared Dacie Knight, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that _____ executed the same for the purpose stated therein contained.

In witness whereof I hereunto set my hand and official seal.



Notary Public Mark Baca
My commission expires Oct 31, 2003



Permit Number 903



Red's Lodge
PO Box 246
Springville, AZ 85938

Stephen Wilson
AZ State Land Dept
1616 W. Adams St
Phoenix, AZ 85007

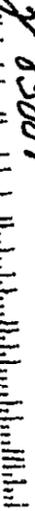


2000 MAY -4 A 11: 03

ARIZONA STATE
LAND DEPARTMENT



95654+8503



WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION

New Temp Work- Plug Same Different
 Well Abandon Over Deepen Back Reservoir Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator Ridgeway AZ. Oil Corp.		Address & Phone No. P.O.Box 1110 St.Johns	
Federal, State or Indian Lease Number or name of lessor if fee lease 13-101533		Well Number State 10-26	Field Reservoir Wildcat
Location 1206 f/w & 2260 f/sl		County Apache	
Sec. Township-Range or Block & Survey Sec. 26, T 10n, R. 29e			

Date spudded 4/18/97	Date total depth reached 5/2/97	Date completed ready to produce N.A.	Elevation (DF,KB,RT or Gr.) 6932 feet	Elevation of casing head flange 6932 feet
Total Depth 3202'	P.B.T.D. 3139'	Single, dual, or triple completion? N.A.	If this is a dual or triple completion furnish separate report for each completion	
Producing interval(s) for this completion n/a		Rotary tools used (interval) 0-3202	Cable tools used (interval) N.A.	
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? No	Date filed N.A.	
type of electric or other logs run (check logs filed with the Commission) HDLT,CNTH,SGT,CBL,BOND LOG,PORO,LITH.,				Date filed

CASING RECORD

Casing (report all strings set in well -- conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amount pulled
Surface	12 1/4	8 5/8	20 #	1098	600 sks.	
Prod.	7 7/8	4 1/2	4.25	3189	660 sks	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
N.A. in.	N.A. ft.	N.A. ft.	N.A. in.	N.A. ft.	N.A. ft.	N.A.	N.A.

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth interval	Amount & kind of material used	Depth interval

INITIAL PRODUCTION

Date of first production N.A.	Producing method (indicate if flowing, gas lift or pumping -- if pumping, show size & type of pump) N.A.					
Date of test N.A.	Hours tested N.A.	Choke size N.A.	Oil prod. during test N.A. bbls.	Gas prod. during test N.A. MCF	Water prod. during test N.A. bbls.	Oil gravity N. *API
Tubing pressure 0	Casing pressure	Calculated rate of production per 24 hrs	Oil 0 bbls	Gas 0 MCF	Water 0 bbls	Gas - oil ratio

Disposition of gas (state whether vented, used for fuel or sold)
N.A.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Manager of the Ridgeway AZ. Oil Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 6/30/98

[Signature]
Signature

Permit No. 903

Mail completed form to
Oil and Gas Program Administrator
Arizona Geological Survey
416 W. Congress, # 100
Tucson, AZ. 85701

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 File one Copy
Form No. 4

JUL 1998
 ARIZONA GEOLOGICAL SURVEY

DETAIL OF FORMATION PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION*
Ft. Apache	2020	2120	
Amos wash	2156	2474	
Riggs	2617	3115	
			A MECHANICAL SIDEWALL CORE WAS TAKEN, SEE ATTACHMENT

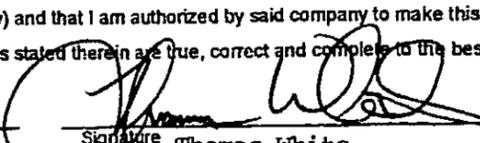
* Show all important zones of porosity, detail of all cores, and drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Completion or Recompletion report and well log shall be filed with the Oil and Gas Program Administrator, Arizona Geological Survey, 416 W. Congress #100, Tucson, AZ 85701 not later than thirty days after completion pursuant to A.A.C. R12-7-121.

PLUGGING RECORD

Operator Ridgeway AZ Oil Corp.		Address & Phone number 520-337-3230 P. O. Box 1110 St. Johns, AZ 85936			
Federal, State, or Indian Lease No. or lessor's name if fee lease 13-101533		Well No. State 10-26	Field & Reservoir Wildcat		
Location of Well 1206 F/WL 32260 F/SL		Sec - Twp - Rge 26, 10N, 29E	County Apache		
Application to drill this well was filed in name of Same as above	Has this well ever produced oil or gas NO	Character of well at completion (initial production): Oil (bbbls/day) NA Gas (MCF/day) NA Dry? NA			
Date plugged 1-5-00	Total depth 3139'	Amount well producing when plugged: Oil (bbbls/day) NA Gas (MCF/day) NA Water (bbbls/day) NA			
Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement		
NA	NA	NA	NA		
NA	NA	NA	NA		
NA	NA	NA	NA		
NA	NA	NA	NA		
NA	NA	NA	NA		
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, etc.)	Packers and shoes
8 5/8"	1098'	0	1098'	NA	
4 1/2"	3189'	0	3189'	NA	
Was well filled with heavy drilling mud, according to regulations? NA			Indicate deepest formation containing fresh water NA		
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address			Direction from this well	
Darrell Knight	P. O. Box 240 Springerville, AZ			Surface Lessee	
<p>In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.</p> <p>A 4 1/2" cast iron bridge plug was set @ 1100', 5 sks of cement was set on plug. This well was plugged back for a water well. See attachment.</p> <p>Use reverse side for additional detail.</p>					
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Production Manager</u> of the <u>Ridgeway AZ Oil Corp.</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p>					
Date 01-04-00		Signature  Thomas White			
Mail completed form to: Oil and Gas Program Administrator Arizona Geological Surveys 416 W. Congress #100 Tucson, AZ 85701			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy		
Permit No. 903			Form No. 10		

APPLICATION TO PLUG AND ABANDON

FIELD Wildcat
OPERATOR Ridgeway AZ. Oil Corp. ADDRESS P.O. 1110 St. Johns, AZ 85936
Federal, State or Indian Lease Number
or Lessor's Name if Fee Lease 13-101533 WELL NO. State 10-26
LOCATION Sec. 26, T10n, R29e, 1206 f/wl & 2260 f/sl
TYPE OF WELL Dry Hole TOTAL DEPTH 3139
(Oil, Gas or Dry hole)
ALLOWABLE (If Assigned) N/A
LAST PRODUCTION TEST OIL N/A (Bbls) WATER N/A (Bbls.)
GAS N/A (MCF) DATE OF TEST N/A
PRODUCING HORIZON N/A PRODUCING FROM N/A TO N/A

1. COMPLETE CASING RECORD.

8 5/8 20# Casing Set @ 1098
4 1/2 Fiberglass casing @ 3189

Note: All casing will remain in hole . (cement was circulated on long string (4 1/2" casing))

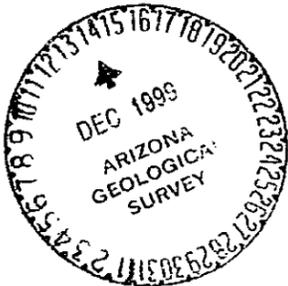
2. FULL DETAILS OF PROPOSED PLAN OF WORK.

set bridge plug at 1100', spot 5 sk cement plug
Turn well over to land lesse for water, upon approval by State Land Dept.

DATE COMMENCING OPERATIONS 1/3/00
NAME OF PERSONS DOING WORK BWWC. Wireline Service ADDRESS Farmington, N.M



Signature
Production Manager
Title
590 S. White Mtn. Dr., St. Johns, AZ.
Address
12/4/99
Date



Date Approved DEC 1 4 1999
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: Stewart L. Karing

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Plug and Abandon
File Two Copies
Form No. 9

APPLICATION TO PLUG AND ABANDON

FIELD Wildcat
 OPERATOR Ridgeway AZ. Oil Corp. ADDRESS P.O. 1110 St. Johns, AZ 85936
Federal, State or Indian Lease Number
or Lessor's Name if Fee Lease 13-101533 WELL NO. State 10-26
 LOCATION Sec. 26, T10n, R29e, 1206 f/wl & 2260 f/sl

TYPE OF WELL Dry Hole TOTAL DEPTH 3139
(Oil, Gas or Dry hole)

ALLOWABLE (If Assigned) N/A
 LAST PRODUCTION TEST OIL N/A (Bbls) WATER N/A (Bbls.)
 GAS N/A (MCF) DATE OF TEST N/A

PRODUCING HORIZON N/A PRODUCING FROM N/A TO N/A

1. COMPLETE CASING RECORD.

- 8 5/8 20# Casing Set @ 1098
- 4 1/2 Fiberglass casing @ 3189

Note: All casing will remain in hole

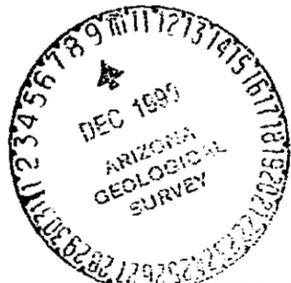
Call Tom 12/10/99 + he advised that cement was circulated on the 4 1/2" casing. He will add that to the casing record so that application may be approved.
 SCR

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

set bridge plug at 1100', spot 5 sk cement plug
 Turn well over to land lesse for water, upon approval by State Land Dept.

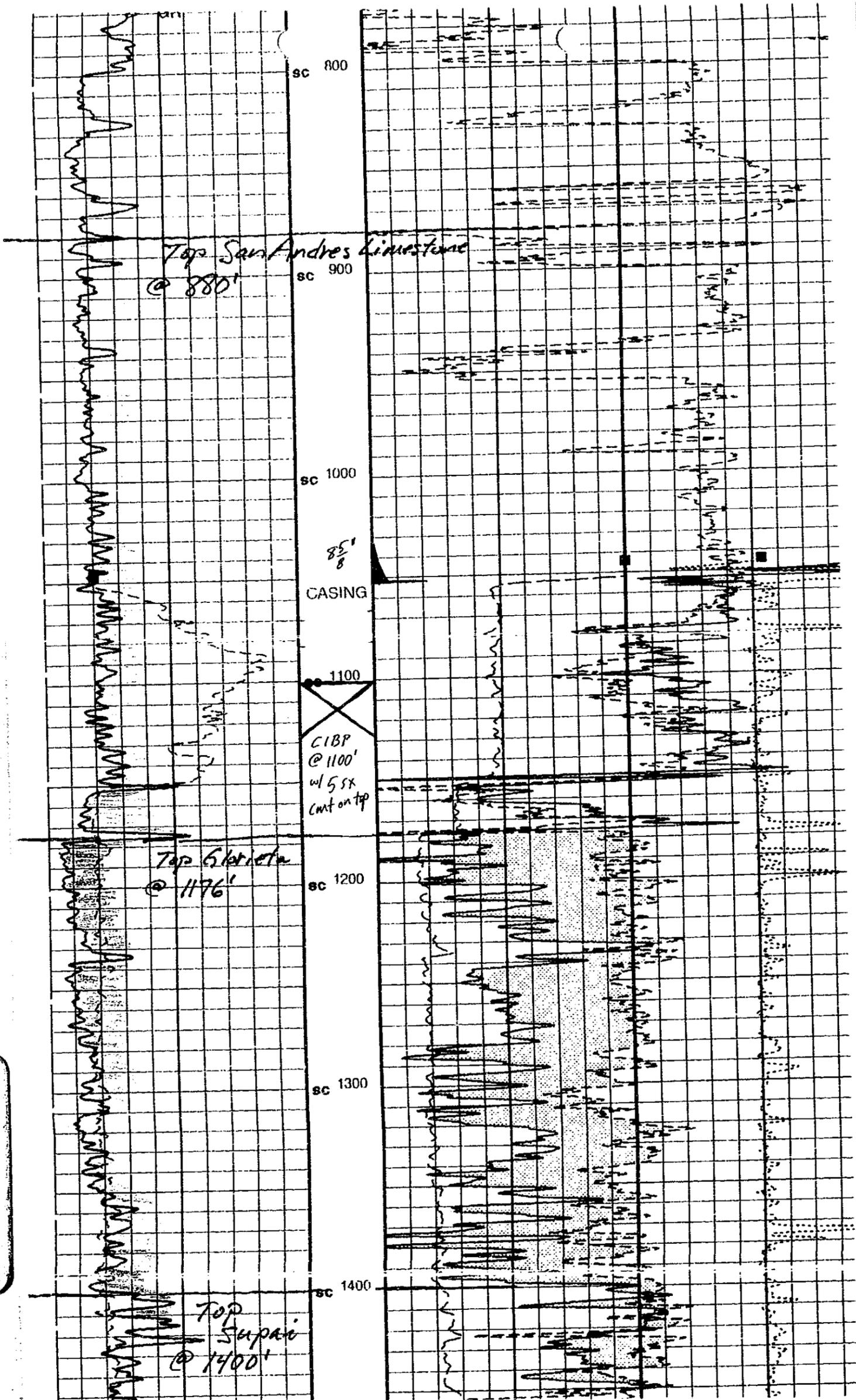
DATE COMMENCING OPERATIONS 1/3/00
 NAME OF PERSONS DOING WORK BWWC. Wireline Service ADDRESS Farmington, N.M

[Signature]
 Signature
 Production Manager
 Title
 590 S. White Mtn. Dr., St. Johns, AZ.
 Address
 12/4/99
 Date



Date Approved _____
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: _____

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Plug and Abandon
 File Two Copies
 Form No. 9



May 15, 1998

Memo: To File
From: Steven L. Rauzi *SLR*
Re: Field inspect Ridgeway 10-26-29 (Permit 903)

Inspected well on May 13 1998:

Orbit valve, fenced mudpit, sign knocked down. Location partially reclaimed with some debris (old pallets, cable, etc.). Pit dry with some debris (thread covers, cement sacks). Open orbit valve (4" 600 =600 psi flange working pressure) and well dead, fluid about 3 sec from surface.

*Amended 10-24-97

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
 2. OIL WELL GAS WELL OTHER (Specify) CO2
 3. Well Name State 10-26-29
 Location 1206 F/WL 2260 F/SL
 Sec. 26 Twp. 10N Rge. 29E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101533

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Well Summary Report</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

5-10-97 Drill with air to 493-965'
 5-11-97 Drill with air from 965 - 1718'
 5-12-97 Drill with air from 1718-2661'
 5-13-97 Drill with air 2661'-3139' rig and circ. hole clean, pressure test casing to 1000#, for 10 minutes, okay (shut well in).

Note: Request for temporary abandonment status on 9-18-97, no work has been done on well since 5-13-97.

* 664 sacks 65/35 G/pos., circulated cement to surface.

(dates after td of this well)

FILE COPY

8. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title Production Manager Date 10-15-97

Permit No. 903



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notice and Reports On Wells
 Form No. 25 File One Copy
 Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

6/98

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
 2. OIL WELL GAS WELL OTHER (Specify) CO2
 3. Well Name State 10-26-29
 Location 1206 F/WL 2260 F/SL
 Sec. 26 Twp. 10N Rge. 29E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101533
 5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Well Summary Report</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

5-10-97 Drill with air to 493-965'
 5-11-97 Drill with air from 965 - 1718'
 5-12-97 Drill with air from 1718-2661'
 5-13-97 Drill with air 2661'-3139' rig and circ. hole clean, pressure test casing to 1000#, for 10 minutes, okay (shut well in).

Note: Request for temporary abandonment status on 9-18-97, no work has been done on well since 5-13-97.

?
(dates after td of this well)

8. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title Production Manager Date 10-15-97

Permit No. 903



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Sundry Notice and Reports On Wells
 Form No. 25
 File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

8/98

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
 2. OIL WELL GAS WELL OTHER (Specify) CO2
 3. Well Name State 10-26-29
 Location 1206 F/WL & 2260 E/SL
 Sec. 26 Twp. 10N Rge. 29E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101533

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The well mechanical conditions are as follows:
 8 5/8" Casing set @ 1118'
 4 1/2" A.C.G. Fiberglass casing 3175'

Note: No work has been performed on this well since casing was run.



8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title Productions Mgr. Date 9-18-97

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Sundry Notice and Reports On Wells
 Form No. 25 File One Copy

Permit No. 903

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

6/96

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.

2. OIL WELL GAS WELL OTHER (Specify) CO2

3. Well Name State 10-26-29
 Location 1206' F/WL & 2260 F/SL
 Sec. 26 Twp. 10N Rge. 29E County Apache, Arizona

4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101533

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WELL PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was spudded on 4-18-97 and total depth 5-2-97 no work has been performed on this well since casing was run.



8. I hereby certify that the foregoing is true and correct.

Signed _____

Title VP

Date 7-28-97

Permit No. 903

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells Form No. 25 File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

8/98

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
 2. OIL WELL GAS WELL OTHER (Specify) CO-2
 3. Well Name _____
 Location _____
 Sec. _____ Twp. _____ Rge. _____ County _____, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease _____
 5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____ <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

GENERAL INFORMATION:

Wells 3-1 and 22-1X have been tested by B.C. Services and we are waiting on their reports. All well signs should be delivered by August 15, 1997. We are planning 3 more Arizona wells in September, 1997.

file 903



8. I hereby certify that the foregoing is true and correct.
 Signed [Signature] Title VP Date 7-28-97

Permit No. _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Sundry Notice and Reports On Wells
 Form No. 25 File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 418 W. Congress #100
 Tucson AZ 85701-1315

SIDEWALL SAMPLES, SAMPLE NO. 1887

Ridgeway 10-26-29 State, Permit No. 903
nw sw 26-10n-29e

Box 1 of 2

1900.5'
1901'
1987'
2083'
2156'
2176'
2188'
2200'
2201'
2267'
2349'
2474'

Box 2 of 2

2617.5'
2712'
3038'
3082'
3096'
3100'
3115.5'
3118'

SIDEWALL CORE DESCRIPTION FOR
 RIDGEWAY OIL AND GAS CORP
 STATE # 10-26-29, APACHE CO., ARIZONA

DEPTH	CO2	DESCRIPTION
1900.5	0	SLTST-DK RD-BN SHLY, DOL'C
1901	1 UNITS	SS-MED GY, VFG, WELL SORT, SLI CALC
1987	2 UNITS	SLTST-MED GY-BN, SDY SLI DOL'C W/SMALL ANHY INCL
2083	3 UNITS	DOL-MED GY-BN, FN SUC, SHLY, SLTY W/ SCAT ANHY INCL W/OCC VUGS
2156	2 UNITS	DOL-MED BN-GY, FN XLN, BLK CARB INCL, SCAT VUGS, H.L. FRAC
2176	3 UNITS	DOL-MED GY-BN, F SUC, SDY ABND BLK CARB INCL, LGE VUGS, SOME CALCITE FILLED
2188	3 UNITS	SS AND SLTST-DK TO MED RD-BN, V/FRI, SLI CALC, AND SS-L.VFG, WELL SORT, SLTY
2200	6 UNITS	SLTST-MED RD-BN, SFT, SHLY, GRDG TO SLTY SS, SLI CALC
2201	3 UNITS	SS-MED RD-BN, VF TO L. VFG, SFT, SHLY, CALC
2267	6 UNITS	SS-MED GY, VFG, WELL SORT EXTENSIVE FRAC
2349	14 UNITS	SS-DK RD-BN, VFG, SB ANG, WELL SORT, HD & SH-SFT, DK RD-BN, SDY
2474	8 UNITS	SS-MED TO DK RD-BN, VFG, EXTENSIVE VERTICAL FRACTURING, SOME LT GY SS INCL
2617.5	8 UNITS	SS-DK RD-BN, VFG, SLTY, NON-CALC, SOME SMALL CLUSTERS OF LT GY-GN SHLY SS
2712	4 UNITS	SH-DK BN-RD, SLTY, HD, VERTICAL FRAC
3038	4 UNITS	WALL CAKE W/ LOST CIRCULATION MATERIAL, QTZ, SLTST, SH, FEW PCS OF MED GY-GN SH W/QTZ AND FELDS
3082	5 UNITS	CONGLOMERATE-LGE PCS OF DK BN-RD SH W/ ABNT QTZ GRS AND FELDS
3096	5 UNITS	POOR SAMPLE, WALLCAKE AND SOFT GUMMY SH W/ SCAT LGE QTZ GRS AND SCAT SD GRS
3100	5 UNITS	CONGLOMERATE-DK RDBN SH W/LGE QTZ GRS AND MED GY-GN SH MTX W/CSE GRS QTZ
3115.5	5 UNITS	CONGLOMERATE-FN TO PEB SIZE QTZ IN DK BN-RD SH AND SLTST MTX, OCC VUGS, EXTENSIVE FRACTURES
3118	5 UNITS	CONGLOMERATE-SFT, MUSHY WALLCAKE W/ABNT QTZ GRS AND FRAG

May 12, 1997

Memo: Ridgeway 10-26-29 State file, Permit 903
From: *SLR* Steven L. Rauzi
Re: Drilling summary from 4/24 to 5/1/97

4/24 Drl 1408-1690' with full returns
Drl 1690-1803' lost circulation (130 barrels)

4/25 Drl 1803-2127'
Drl 2127-2158' lost circulation (500 barrels)

4/26 Bridge at 1408'

4/27 Drl 2162-2188'

4/28 Drl 2180-2350'
Drl 2350-2453' lost returns (250 barrels)
TOH 5 stands, mix and build volume, 50 vis, 15% LCM
Pump same, pump 100 barrels before returns
Drl 2453-2683', circulate bottoms up for mud logger
Drl 2683-2750' lost 200 barrels at 2685'

4/29 Drl 2750-3000'

4/30 Drl 3000-3170', circulate and condition for logs
Drl 3170-3190', circulate and condition for logs
TOH for logs, LD shock sub
Logging 10:45a-11:00p, logger TD 3192'. TIH

5/1 Circulate at bottom
Drl 3190-3200', circulate on bottom, LDDP and 20 DC.
RU and run 108 jts 4 1/2" casing, ND to cement
.350" wall, DHC Centron Fiberglass casing 3172.21'. Set at
3184.21' in HOWCO self-fill insert float valve in centron collar
on bottom marker joint from 2889-2879.5'
RU DS and cement 10:00a-1:00p (3 hrs)
40 barrels water ahead at 4 bpm and 100#. 660 sxs
class G cmt 65/35 poz w/ 2% bentonite, 1#/sx
coalite and 0.2% defoaming agent (163 bbls/917.4
ft³) at 4 bpm and 0 psi. Actual volume pumped 183
bbls/1026 ft³, complete returns.
Rig down, release rig at 19:15 hrs on 5/1/97

MEMORANDUM TO FILE

DATE: April 23, 1997

FROM: Steven L. Rauzi *SLR*
Oil and Gas Program Administrator

SUBJECT: CIRCULATION OF CEMENT ON SURFACE CASING
Ridgeway Arizona Oil Corp 10-26-29 State, Permit #903
NW SW Sec. 26, T. 10 N., R. 29 E., Apache County

This hole had lost circulation at 206 feet and was drilled without returns from 206 to 1,145 feet. Ran 25 joints of 8 5/8" casing, wash to bottom, stopped at 1,118'.

DS (Dowell Schlumberger) pumped 70 barrels of water ahead at 5 bpm and 340 sacks of cement w/ 2% CaCl₂ (70 barrels). Displaced cement w/ 68 barrels of water, plug down at 3:30a on April 22. Cement did not circulate. Poured 10 yards of concrete down the backside to fill the annulus to surface.

April 23, 1997

Memo: Ridgeway 10-26-29 State file, Permit 903
From: *SLR* Steven L. Rauzi
Re: Drilling summary from 4/17 to 4/21/97

4/16 Temporarily abandon 10-16-31 State well

4/17 Move to 10-26-29 State location

4/18 Drl mouse and rat holes, lose circ at 25'
Spud 12 1/4" surface hole at 10:00p

4/19 Drlg 12 1/4" surface hole to 83', 50% returns
Lost all returns at 206'

4/20 Drlg without returns

4/21 Drlg without returns to 1145'
Short trip from 1145-400', tight at 1130'
Wash 60' to bottom, TOH
RU and run 25 jts 8 5/8" csg
Wash and work csg to 1118'

4/22 RU DS and cmt with 340 sxs with 2% CaCl₂ (70 bbls)
70 bbls wtr ahead at 5 bpm, displace with 68 bbls
PD at 3:30a, no circulation
Pour 10 yds (270 ft³, 48 bbls) concrete to fill annulus to surface

10-26-29 State (PIN 903)

4-18-97 Vanessa calls to rpt 10-26-29 spudded in this morning

4-29-97 Don Riggs called

Plan to finish this well with mud

DHs @ 2400' w/ 300-400' left to go

Repeated zones of lost circ, numerous zones

Can pump pill, pull up & regain circ

\$43,000 mud bill on this well alone!

After lost circ zones is real tatty w/ drill rate ~ 80'/hr

13 days from shoe of surf csg to here

Plan to switch over to air for last 3 wells

Air package expected in couple of days

Air dhls = no hydrostatic pressure, essentially continuous DST.

No shows in this well, may be dry hole

Will know after logging

* Maybe lost circ zones have masked shows.



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: RIDGEWAY ARIZONA OIL CORP
(OPERATOR)

to drill a well to be known as

10-26-29 STATE
(WELL NAME)

located 1206' FWL & 2260' FSL

Section 26 Township 10N Range 29E, APACHE County, Arizona.

The +/- 640 ACRES of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 8 day of APRIL, 1997.

OIL AND GAS CONSERVATION COMMISSION

By Steven L. Rainey

OIL & GAS PROGRAM ADMINISTRATOR

PERMIT 00803

RECEIPT NO. 3101

A.P.I. NO. 02-001-20315

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL XX

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR
Ridgeway Arizona Oil Corporation

Address	City	State	Phone Number
PO Box 1110	St. Johns,	AZ 85936	520-337-3230

Drilling Contractor
Aztec Well Service

Address PO Box 100 Aztec, NM 87410

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 13-101 533	Well number 10-26-29	Elevation (ground) 6932.5
Nearest distance from proposed location to property or lease line: 1206' feet	Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: None feet	
Number of acres in lease 2560.	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1	

If lease purchased with one or more wells drilled, from whom purchased: Name Address

Well location (give footage from section lines) 1206' F/WL & 2260' F/SL	Section - township - range or block and survey Sec 26 T10N R29E	Dedication [A.A.C. R12-7-104(A)(3)] 640 Acres
--	--	--

Field and reservoir (if wildcat, so state) Wildcat	County Apache
---	------------------

Distance in miles and direction from nearest town or post office
7 1/2 mi East of Springerville, AZ

Proposed depth: 2300' ±	Rotary or cable tools Rotary	Approximate date work will start 5/17/97
Bond status On file	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks

API # 02-001-20315

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the Ridgeway AZ Oil Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Mail completed form to:
Oil and Gas Program Administrator
Arizona Geological Survey
416 W. Congress, #100
Tucson, AZ 85701-1315

Signature [Signature]
Date 3/21/97

Permit Number: 903
Approval Date: 4/8/97
Approved By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107. P/N 903
2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES XXX NO _____
5. If the answer to question four is "no", have the interests of all owners been consolidated by communitization agreement or otherwise? YES _____ NO _____ If answer is "yes", give type of consolidation _____
6. If the answer to question four is "no", list all the owners and their respective interests below:

Owner	Land Description

**Section 26, T10N, R29E
G&SRM, Apache County, Arizona**

Distances shown on plat: 5317.34', 5376.54', 5006.42', 5305.10', 1206', 5344.38', 531'45'07\"/>

CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name
Don Riggs

Position
Vice President

Company
Ridegeway AZ Oil Corp

Date
3/21/97

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 12, 1997

Registered Land Surveyor
23947

KENNETH FLYGARE

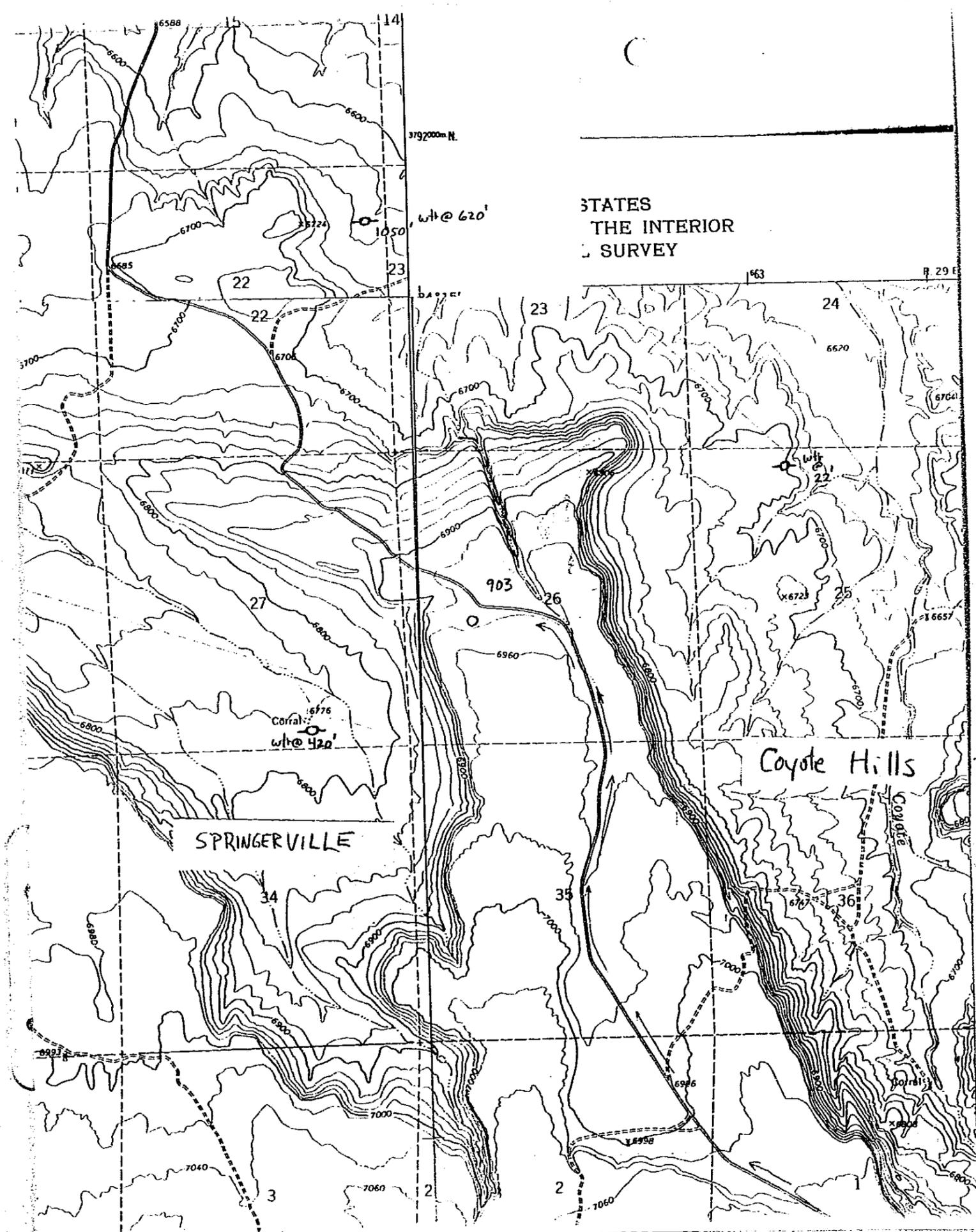
Certificate No.
23947

REGISTERED LAND SURVEYOR
ARIZONA, U.S.A.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
8 5/8"	23#		SURF	+/- 1100	CIRCULATE	445	C
4 1/2"	4.25#	FIBERGLASS	SURF	+/- 2450	CIRCULATE	660	POZ

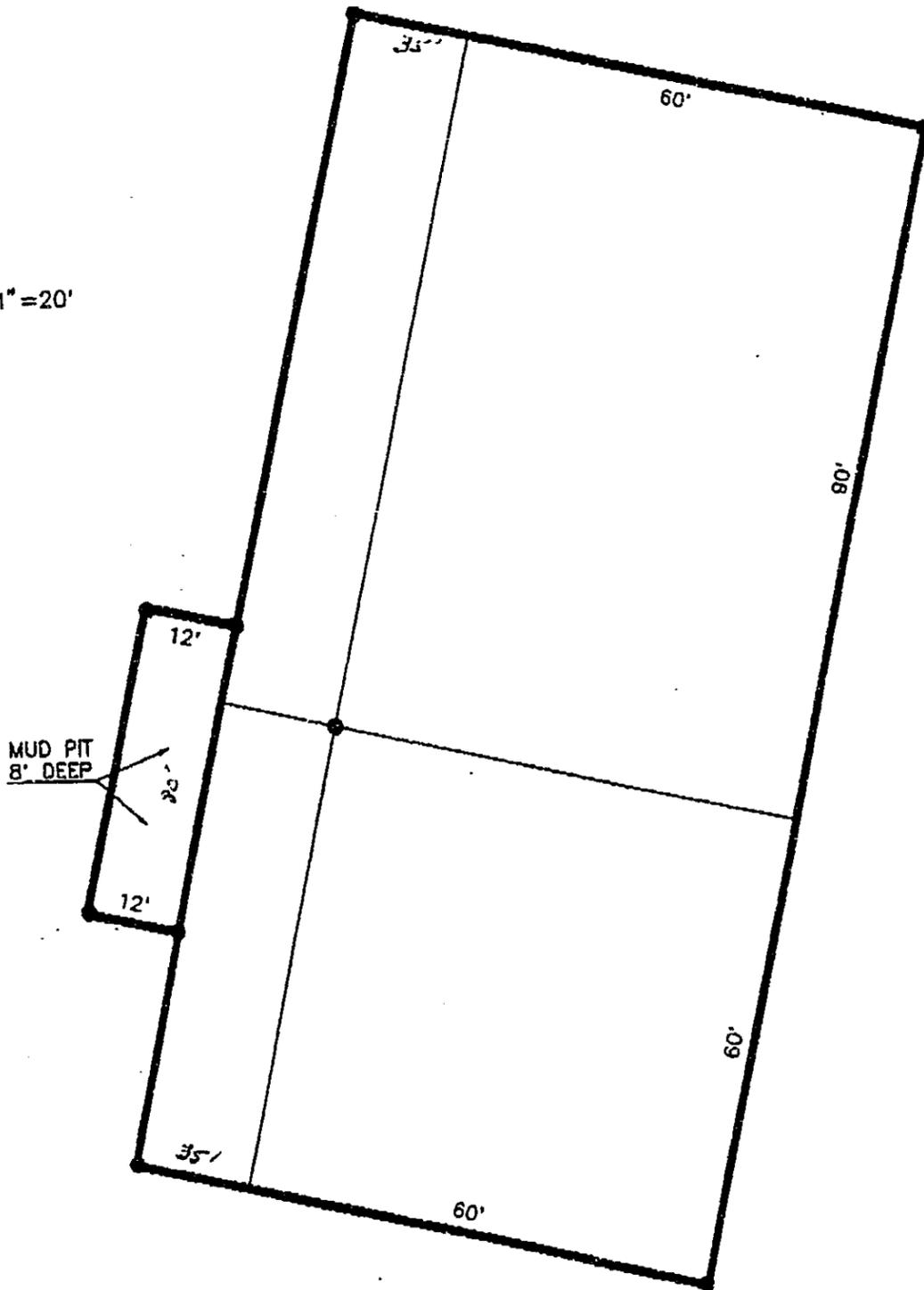
STATES
THE INTERIOR
SURVEY



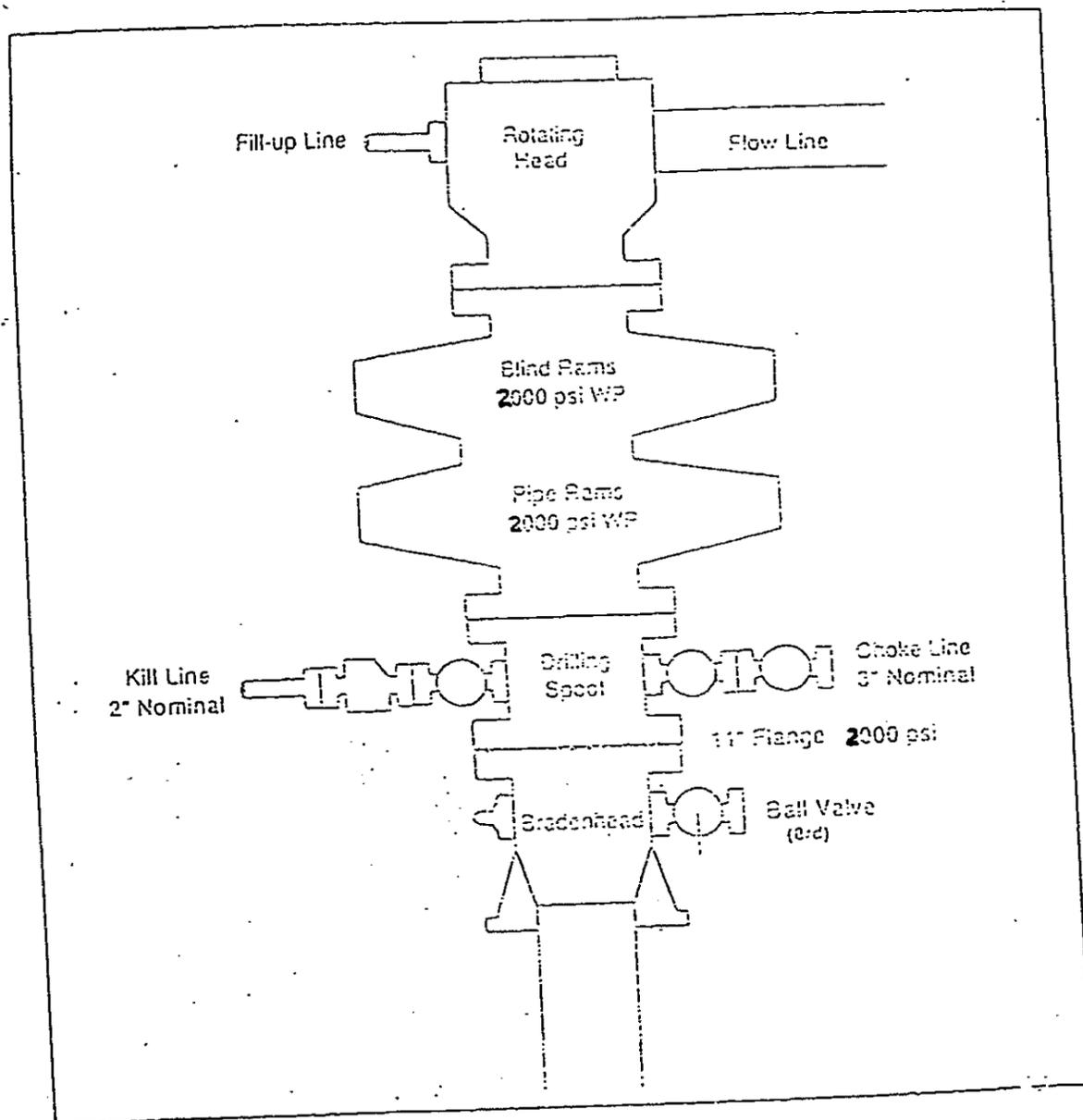
WELL PAD LAYOUT

State 10-26-29

SCALE: 1"=20'



BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 600 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi.

FROM : RIDGEWAY AZ OIL CORP

PHONE NO. : 5203373162

Apr. 03 1997 10:50AM P2

DRILLING WELL PROGNOSIS

OPERATOR Ridgeway Arizona Oil Co LEASE State NO. 10-26-29

LOCATION Sec 26 T10N R29E

COUNTY Apache STATE Arizona

ELEVATION: Ground Level 6932.5 Kelly Bushing 14'

GEOLOGICAL PROGRAM

Tops	Depth	Cores-Depths	Drill Stem Tests-Depths
Glorieta	560		
Supai	810		
Ft. Apache	1640		
Big A Butte	1710		

Electric Logging: Company Schlumberger Phone 505-325-5006
Logging Program: _____

Well Site Geologist George Scott III Off Phone _____
Home Phone _____ Mob Phone 505-626-4568

Mudlogger: John Dunn Off Phone _____
Mob (or trailer) Phone 520-587-2421

Coring Co NA Phone _____

Coring Analysis Co. NA Phone _____

Drill Stem Testing Co. NA Phone _____

Sample Catching Instructions Catch 10' Samples

Drilling Time Instructions Keep 10' Drilling time

MUD PROGRAM

Mud Engineer & Co. Don Durham / Riggs Off Phone _____
Home Phone _____ Mob Phone 505-320-5238

Depths	Instructions
0-1100'	35-40 vis
1100'-2450'	Starch 35 vis
Log	40 vis

ENGINEERING PROGRAM

Well Site Engineer/Supervisor Don Riggs Off Phone 520-337-3230
Home Phone 520-337-2458 Mob Phone 587-3522

Drilling Contractor Aztec Well Service Off Phone 505-334-6191

Tool Pusher Buddy Davis Home Phone 505-325-9814 Mob Phone 505-320-1144

Cementing Co. Dowell Off Phone 505-325-5096

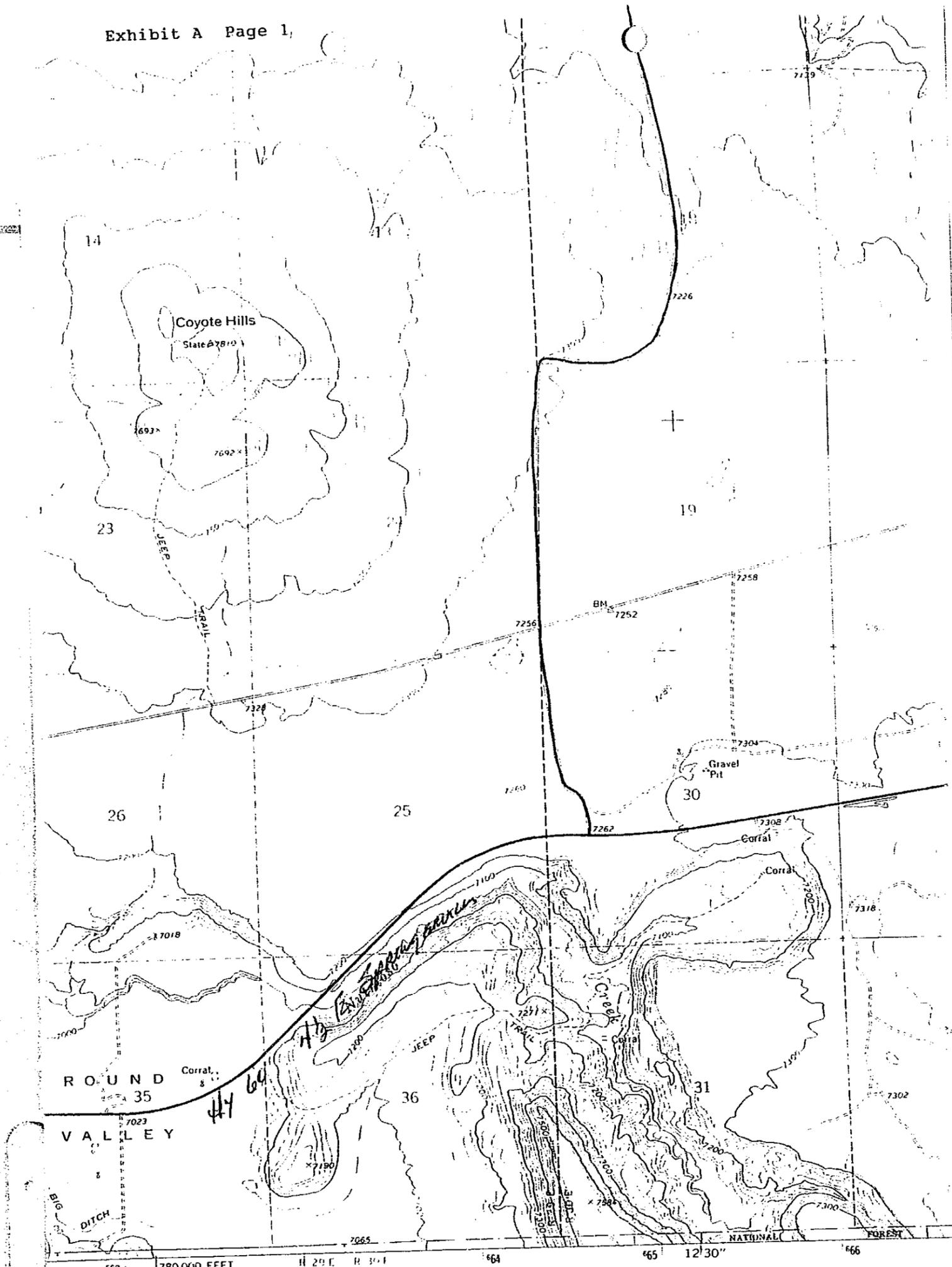
Water Hauler Dawn Trucking Co Phone 505-327-6314

Casing				Cement	
Hole Size	Csg Size	Weight	Depth Set	Type & Sacks	Est top of cmt
12 1/2"	8-5/8"	23#	1100'±	Class C 445sks	Surface
7-7/8"	4 1/2"	4.25	2450±	POZ 660 sks	Surface

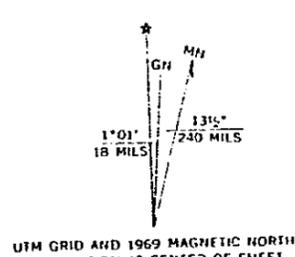
SHOWS & BREAKS - INSTRUCTIONS Mudlogger to contact George Scott III
when CO2 or Hydrogen shows.

OTHER INSTRUCTIONS Work safe

DAILY DRILLING REPORTS TO: Don Riggs

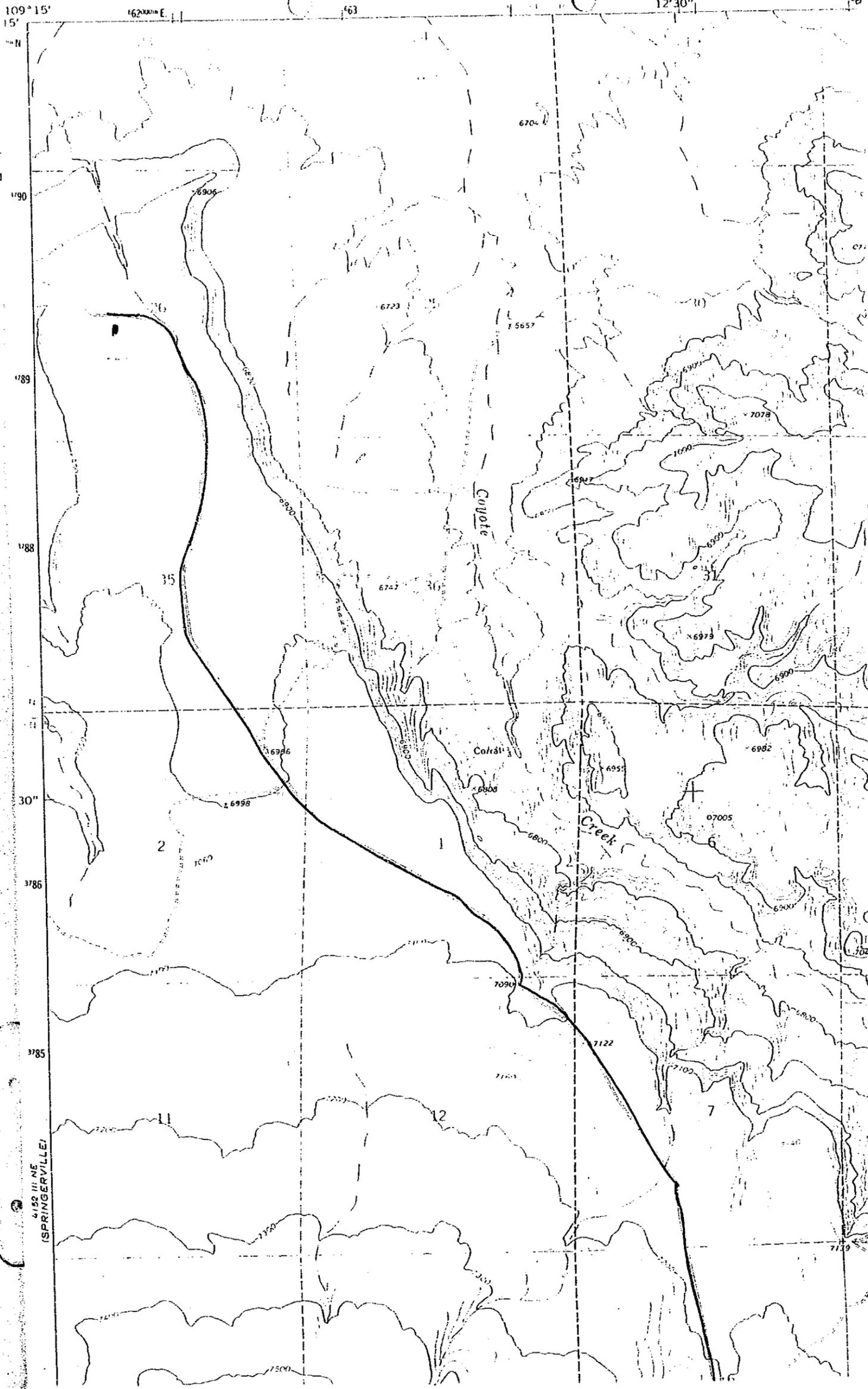


Compiled, edited, and published by the Geological Survey
 by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1967. Field checked 1969
 Spheroidal projection. 1927 North American datum
 100-foot grid based on Arizona coordinate system, east zone
 meter Universal Transverse Mercator grid ticks.
 12, shown in blue
 Dashed lines indicate selected fence lines



UTM GRID AND 1969 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

THIS MAP COMPILED
 FOR SALE BY U. S. GEOLOGICAL SURVEY
 WITH A FOLDER DESCRIBING TOPOGRAPHY



RIDGEWAY ARIZONA OIL CORP. 1167
 OPERATING ACCOUNT
 P. O. BOX 1110 520-337-2458
 ST. JOHNS, AZ 85936

DATE 3-31-97 91-243
 1221

PAY TO THE ORDER OF STATE OF ARIZONA \$ 25.00
Twenty Five & 00/100 DOLLARS

BANK ONE.
 Bank One, Arizona, NA
 St. Johns Office (043)
 St. Johns, Arizona

FOR Wahy Permit [Signature]

⑈001167⑈ ⑆122100024⑆ 1286⑈2327⑈

RECEIPT Date 4-8 1997 No. 3101
 Received From RidgeWay Arizona Oil Corp
 Address P.O. Box 1110, St. Johns Arizona
twenty five and 00/100 Dollars \$ 25.00
 For filing fee 10-26-29 State (Permit 903)

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	<u>25 00</u>
BALANCE DUE		MONEY ORDER	

By [Signature] Check # 1167

BK806 Rediform

Operator Ridgeway Arizona Oil Corporation

Bond Company: Bank One Arizona Amount: \$25,000*

Bond No.: CD#4002111 (\$10,000) 07/07/94
CD#4002112 (\$15,000) Date approved: 11/28/94

* Two separate CD's to make up one blanket bond. These 2 CD's are not to be released until all wells covered by the blanket bond have been plugged and abandoned.

Permits covered by this bond:

883
884
885
888
890
891
892
893
895
896
897
898
899
900
901
902
903 ✓
904

ERROL L. MONTGOMERY & ASSOCIATES, INC.
CONSULTANTS IN HYDROGEOLOGY



1550 EAST PRINCE ROAD
TUCSON, ARIZONA 85719 (520) 881-4912
FAX: (520) 881-1609
www.elmontgomery.com
E-MAIL: info@elmontgomery.com

ERROL L. MONTGOMERY, P.G.
WILLIAM R. VICTOR, P.G.
RONALD H. DEWITT, P.G.
MARK M. CROSS, P.G.
DENNIS G. HALL, P.G.
TODD KEAY, P.G.
JAMES S. DAVIS, P.G.
MICHAEL J. ROSKO, P.G.
CHARLES F. BARTER (1937-1999)
DANIEL S. WEBER, P.G.
LESLIE T. KATZ, P.G.

January 9, 2001

ARIZONA STATE LAND DEPARTMENT
Public Counter
1616 West Adams
Phoenix, AZ 85007

file 903

**SUBJECT: RIGHT-OF-WAY APPLICATION FOR OBTAINING GROUNDWATER
MONITORING DATA FROM TWO EXISTING CARBON DIOXIDE
WELLS**

Dear Sir or Madam:

In accordance with my recent conversations with Ms. Cynthia Stefanovic of your department, we are submitting the enclosed Right-Of-Way application for access to two existing carbon dioxide (CO₂) wells for groundwater monitoring purposes. Also enclosed are topographic maps showing the locations of the well sites and a check for \$100 to cover the application fee. Please provide a receipt for this fee payment to my attention. The application is being submitted on behalf of Tucson Electric Power Company (TEP) which operates the Springerville Generating Station near Springerville, Arizona. TEP has been conducting groundwater monitoring in this area for more than 20 years and would like to add two additional wells to its monitoring program.

Ridgeway Arizona Oil Corporation originally drilled wells (A-10-29)26cba [10-26] and (A-12-28)16abd[12-16] on state land for exploration and/or production of CO₂. Ridgeway has plugged and abandoned well 10-26 and is planning to plug and abandon well 12-16. TEP would like to use the wells for groundwater monitoring purposes.

903
Well 10-26 was previously plugged by Ridgeway at 1,100 feet below land surface. Ridgeway subsequently filed a Plugging Record with the Arizona Oil and Gas Conservation Commission (OGCC). Following reperforation of the well casing in the Kaibab-Coconino aquifer, the well would be used by the surface lessee, Darick Knight, for stock water. It is our understanding that Mr. Knight has filed a Water-Well Acceptance form with OGCC. Upon approval of this Right-Of-Way



ERROL L. MONTGOMERY & ASSOCIATES, INC.

2

application by ASLD, TEP will make arrangements with Mr. Knight for perforating the well casing and obtaining groundwater monitoring data from the well. We understand that a Notice of Intent to modify the well must be filed with the Arizona Department of Water Resources (ADWR) prior to reoperation.

Well 12-16 has not yet been plugged and abandoned by Ridgeway. To date, the surface lessee has not expressed an interest in using the well. TEP recently requested that Ridgeway install a plug in the well. Following plugging of the well and filing of a plugging record with OGCC by Ridgeway, TEP will file a Water-Well Acceptance form with OGCC and a Notice of Intent to modify the well with ADWR. Upon approval of this Right-Of-Way application by ASLD, TEP will make arrangements for reoperation of the well in the Kaibab-Coconino aquifer.

Following perforation of the wells, they would be used by TEP for groundwater monitoring purposes for an indefinite period of time. Depth to groundwater level measurements would be obtained 3 to 4 times per year using an electrical water level sounder. Existing unimproved roads would be used for access to the wells.

If you have questions or require additional information, please contact us.

Sincerely,

ERROL L. MONTGOMERY & ASSOCIATES, INC.

James S. Davis

Enclosures

cc: C. Stefanovic, Arizona State Land Department, w/encl.
S. Rauzi, Oil and Gas Conservation Commission, w/encl.
A. Ramsey, Arizona Department of Water Resources, w/encl.
R. Kane, Tucson Electric Power Company, w/encl.
J. Hammond, Tucson Electric Power Company, w/encl.

SENT VIA U.S. MAIL

RETURN TO:
 ARIZONA STATE LAND DEPARTMENT
 PUBLIC COUNTER
 1616 WEST ADAMS
 PHOENIX, ARIZONA 85007

SUBMIT FILING FEE: *100.00

*Filing fees are non-refundable

DEPARTMENTAL USE ONLY		ROLODEX # _____	
COUNTING	T & C	RECOMMENDATION	INITIAL DATE
Filing Fee: \$100.00 N(34) R(35) A(23)	Exam: _____	Approve	_____
	Exam #: _____	Deny	_____
	Int Title: _____	Reject	_____
	App Entry: _____	Withdraw	_____

APPLICATION FOR RIGHT-OF-WAY
Type or print in ink.

APPLICATION NO. _____

Complete **ALL** questions, **SIGN** application and **ATTACH \$100 filing fee.**

1. APPLICANT:

Tucson Electric Power Company
 Name(s) _____

P.O. Box 711
 Mailing Address _____

Tucson AZ 85702
 City State Zip

Reland Kane (520) 745-3234
 Contact Person Phone No.

2. TYPE OF APPLICATION:

NEW
 RENEWAL
 AMEND

Reason for amendment:

3. REQUEST FOR RIGHT-OF-WAY: Applicant hereby makes Right-of-Way application under A.R.S.

§ 37-461, for the purpose of obtaining groundwater monitoring data from wells (A-10-29)26cba

[10-26] and (A-12-28)16abd[12-16] over and across the lands

hereinafter described for a term of 50 years, in accordance with the laws of the State of Arizona

and the rules of the State Land Department.

4. LEGAL DESCRIPTION:

TWN.	RNG.	SEC.	LEGAL DESCRIPTION	ACRES	COUNTY
10N	29E	26	NE $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$	10	Apache
12N	28E	16	SE $\frac{1}{4}$, NW $\frac{1}{4}$, NE $\frac{1}{4}$	10	Apache

SLD USE ONLY CTY GRT PARCEL

5. BURIED RIGHT-OF-WAY:

- a. How deep will the line be buried? N/A b. What is the diameter of the line? _____
- c. What materials will be used in the line? _____
(PVC, metals, fiber optic/conduit, etc.)
- d. Will the line be adjacent to or within an existing road right-of-way? Yes ___ No ____.
If yes, will the surface area described for the line be at: grade _____, below grade _____, or above grade _____ to the roadway.
- e. Will the line cross drainage way(s)? Yes ___ No ____.
- f. Will the line require above ground appurtenances? Yes ___ No _____. If yes, describe the specific appurtenances in detail, including the dimensions(s) and required construction: _____

6. ABOVE GROUND RIGHT-OF-WAY:

- a. Is the line to be installed on the ground? N/A Above the ground? _____
- b. What is the diameter of the line? _____
- c. What type of material will be used in the line? _____
(PVC, metal, fiber optic/conduit, etc.)
- d. Does the line require poles? Yes ___ No ____ Towers? Yes ___ No ____ If yes, provide the following information:
Width _____ Height _____, (after installation) wood _____
metal _____ color _____ number of wires or lines to be attached _____
- e. Will the line be adjacent to or within an existing road right-of-way? Yes ___ No _____. If yes, will the surface area described for the line be at grade _____, below grade _____, or above grade _____ to the roadway.
- f. Will the line cross drainage way(s)? Yes ___ No ____.
- g. Describe any construction that will be required: _____

7. ADDITIONAL RIGHT-OF-WAY INFORMATION:

- a. Is the proposed right-of-way to be used in conjunction with any application for a state lease, permit or sale (commercial, mineral, etc.)? Yes ___ No X_. If yes, give the application lease type and number: _____
- b. Are there any improvements that would be disturbed if this application is approved (water tanks, wells, fences, building, etc.)? Yes ___ No X_. If yes, list and indicate the location of each improvement on the map on page 3 of this application. _____

PAGE 3

P/DWIGHTS PLUS DRILLING WIRE™
ROCKY MOUNTAIN REGION
Section II - 03/10/2000

PAGE 3

REISSUES

FINAL CLASS: WF=UNSUCCESSFUL NEW FIELD WILDCAT; WFD=NEW FIELD DISCOVERY; WD=UNSUCCESSFUL DEEPER POOL WILDCAT; WDD=DEEPER POOL DISCOVERY; WS=UNSUCCESSFUL SHALLOW POOL WILDCAT; WSD=SHALLOW POOL DISCOVERY; WP=UNSUCCESSFUL NEW POOL DEVELOPMENT; WPD=NEW POOL DISCOVERY; WO=UNSUCCESSFUL WILDCAT OUTPOST; WOE=WILDCAT OUTPOST EXTENSION; D=UNSUCCESSFUL DEVELOPMENT; DO=DEVELOPMENT OIL WELL; DG=DEVELOPMENT GAS WELL;

ARIZONA / NEVADA

APACHE COUNTY

TONTO DRILLING SERVICES	23-6N-30E	WILDCAT; 4500 PRE CAMBRIAN (FR:05/20/1993 DN WJK) LEASE	WF
1 ALPINE FEDERAL	NE NW SW	TYPE:FEDERAL; EL: 8556 GR LOCATION DATA: 3 1/2 MI N-NW ALPINE,	D&A
API 02-001-90012	2122 FSL 1153 FWL SEC	AZ NEAREST PRECAMBRIAN TEST SW NE 4-10N-24E; VERTICAL;	
	IC 020017000193		

CONTR: TONTO DRILLING, RIG # 1; SPUD:07/07/1993 CSG: 6 5/8 IN @ 20 W/4 SACK, 4 1/2 IN @ 500 W/40 SACK; LNR: 3 1/2 IN @ 2510-3369 W/22 SACK; DRLG COMMENTS: AS OF DEPTH 4000 FT, TEST ENCOUNTERED ONLY, WTR, BHT APPROX 150F., OPR TO CONDUCT TESTS THRU OCT 1993 AT WHICH, POINTWELL MAY BE TURNED OVER TO BLM FOR FURTHER, EVAL& POSSIBLE DEEPENING., LOCAL CALL(LOG): BASALTIC DIKE 3639., YESO FORMATION CONTAINES TWO BASALTIC UNITS., PROBABLY DIKES, 100 FT THK UPPER, 60 FT THK, LOWER. TERTIARY UPPER 3751.; LOG TYPES: TM, GR, NE; LOG TOPS: DAKOTA 3246, SAN ANDRES 3362, GLORIETA /SD/ 3436, YESO 3636, TERTIARY 3639, SUPAI 3751, FORT APACHE 4322; 4505 TD, (FORT APACHE) (TD REACHED:08/29/1993) 4505 DTD COMP:09/01/1993 D&A; ; REISSUE TO ADD AND CORRECT DATA

P/N 903

RIDGEWAY ARIZONA OIL COMPANY	26-10N-29E	WILDCAT; 2300 FORT APACHE PERMIT: 903 (PMT APP'D 04/08/1997)	WF
10-26-29 RIDGEWAY STATE	NW SW	(FR:04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; OPER	D&A-G
API 02-001-20315	2260 FSL 1206 FWL SEC	ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 6945 KB 6932	
		GR LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC	
		3-11N-29E 12 MI NE SPRINGERVILLE, AZ; VERTICAL;	

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:04/18/1997 CSG: 8 5/8 IN @ 1098 W/600 SACK, 4 1/2 IN @ 3189 W/660 SACK; DRLG COMMENTS: AZTECW5 #157 COMPLETED.; LOG TYPES: CBND, POR, LITH; LOG TOPS: SAN ANDRES 880, GLORIETA /SD/ 1176, SUPAI 1400, FORT APACHE 2020; SDWL # 001 FORT APACHE 1900-3118 1900 FT SLTSTN, DK RD-BRN, SHLY, DOLO CO2 1901 FT SS, MED GY, VFG, SRTD, SLI CALC, 1 UNIT CO2 CO2 1987 FT SLTSTN, MED GY-BRN, SDY SLI, DOLO W/ SMALL ANHY INCL CO2 2083 FT DOLO, MED GY-BRN, FN SUC, SHLY, SLTY W/ SCAT ANHY, INCL W/OCC VUGS, 3 UNITS CO2 CO2 2156 FT DOLO, MED BRN-GY, FG-XLYN, BLK CARB INCL, SCAT VUGS, FRAC, 2 UNITS CO2 CO2 2176 FT DOLO, MED GY-BRN, F SUC, SDY ABND, BLK CARB INCL, LG VUGS, CALC, 3 UNITS CO2 CO2 2188 FT SS, SLTSTN, DK-MED RD-BRN, SRTD, SLTY, 3 UNITS CO2 CO2 2200 FT SLTSTN, MED RD-BRN, SFT, SHLY, SLTY SS, SLI CALC, 6 UNITS CO2 CO2 2201 FT SS, MED RD-BRN, VF-VFG, SOFT, SHLY, CALC, 3 UNITS CO2 CO2 2267 FT SS, MED GY, VFG, SRTD, FRACS, 6 UNITS CO2 CO2 2349 FT SS, DK RD-BRN, VFG, SUB ANG, WLL SRTD, HD, SH, SFT, DK RD-BRN, SDY, 14 UNITS CO2 CO2 2474 FT SS, MED- DK RD-BRN, VFG, VERT FRAC, SS LT GY, 8 UNITS CO2 CO2 2617 FT SS, DK RD-BRN, VFG, SLTY, NON-CALC, SMALL CLUSTERS OF LT GY-GRN SHLY SS, 8 UNITS CO2 CO2 2712 FT SH, DK BRN-RD, SLTY, HD, VERT FRAC, 4 UNITS CO2 CO2 3038 FT WALLCAKE W/ LOST CIRC MATERIAL, 4 UNITS CO2 CO2 3082 FT CONGL, SH, DK BRN-RD, ABND QTZ GRS AND FELDS, 5 UNITS CO2 CO2 3096 FT WALLCAKE, SH, SFT, QTZ GRNS, SD GRNS, 5 UNITS CO2 CO2 3100 FT CONGL, DK RD-BRN MTX W/ CRS GRNS QTZ, 5 UNITS CO2 CO2 3115 FT CONGL, FN-PBBLE QTZ, SH DK BRN-RD, SLTSTN MATRIX, OCC VUGS, FRACS, 5 UNITS CO2 CO2 3118 FT CONGL, SFT, WALLCAKE W/ ABNDT QTZ GRNS, FRACS, 5 UNITS CO2; 3202 TD, (FORT APACHE) (TD REACHED:04/30/1997) 3202 DTD COMP:06/30/1998 D&A-G; ; NO DST RUN ; REISSUE TO ADD AND CORRECT DATA

REISSUE

STATE: ARIZONA
COUNTY: APACHE
API: 02-001-20315
FIELD: WILDCAT
WELL CLASS: WF
RIDGEWAY AZ OIL CORP

26-10N-29E
NW SW
2260 FSL 1206 FWL SEC
STATUS: D&A-G

10-26-29 RIDGEWAY STATE

P/N 903

SPUD: 04/18/1997 COMP: 06/30/1998 ELEV: 6945 KB 6932 GR
ID: 3202 (04/30/1997) FMTD: FORT APACHE DTD: 3202
CONTR: AZTEC WELL SERVICING RIG # 124 RIG SUB: 13 (VERTICAL)
PROJ DEPTH/FM: 2300 FORT APACHE PERMIT # 903 (ST APPD PMT: 04/08/1997) LEASE
TYPE: STATE TARGET OBJ: GAS

3202 DTD COMP:06/30/1998 D&A-G; , NO DST RUN ; REISSUE TO ADD AND CORRECT DATA

LOCATION DATA : 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE
SPRINGERVILLE, AZ; ;

CASING : 8 5/8 IN @ 1098 W/600 SACK, 4 1/2 IN @ 3189 W/660 SACK;

LOG TYPES : CBND, POR, LITH;

LOG TOPS : SAN ANDRES 880, GLORIETA /SD/ 1176, SUPAI 1400, FORT APACHE 2020;

(OVER)

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03/03/2000

CARD# 0022-AZ

RIDGEWAY AZ OIL CORP

10-26-29 RIDGEWAY
STATE

API: 02-001-20315, 26-10N-29E

(CONTINUED)

SDWL # 001 FORT APACHE 1900-3118 1900 FT SLTSTN, DK RD-BRN, SHLY, DOLO CO2 1901 FT SS, MED GY, VFG, SRTD, SLI CALC, 1 UNIT CO2 CO2 1987 FT SLTSTN, MED GY-BRN, SDY SLI, DOLO W/ SMALL ANHY INCL CO2 2083 FT DOLO, MED GY-BRN, FN SUC, SHLY, SLTY W/ SCAT ANHY, INCL W/OCC VUGS, 3 UNITS CO2 CO2 2156 FT DOLO, MED BRN-GY, FG-XYLN, BLK CARB INCL, SCAT VUGS, FRAC, 2 UNITS CO2 CO2 2176 FT DOLO, MED GY-BRN, F SUC, SDY ABND, BLK CARB INCL, LG VUGS, CALC, 3 UNITS CO2 CO2 2188 FT SS, SLTSTN, DK-MED RD-BRN, SRTD, SLTY, 3 UNITS CO2 CO2 2200 FT SLTSTN, MED RD-BRN, SFT, SHLY, SLTY SS, SLI CALC, 6 UNITS CO2 CO2 2201 FT SS, MED RD-BRN, VF-VFG, SOFT, SHLY, CALC, 3 UNITS CO2 CO2 2267 FT SS, MED GY, VFG, SRTD, FRACS, 6 UNITS CO2 CO2 2349 FT SS, DK RD-BRN, VFG, SUB ANG, WLL SRTD, HD, SH, SFT, DK RD-BRN, SDY, 14 UNITS CO2 CO2 2474 FT SS, MED- DK RD-BRN, VFG, VERT FRAC, SS LT GY, 8 UNITS CO2 CO2 2617 FT SS, DK RD-BRN, VFG, SLTY, NON-CALC, SMALL CLUSTERS OF LT GY-GRN SHLY SS, 8 UNITS CO2 CO2 2712 FT SH, DK BRN-RD, SLTY, HD, VERT FRAC, 4 UNITS CO2 CO2 3038 FT WALLCAKE W/ LOST CIRC MATERIAL, 4 UNITS CO2 CO2 3082 FT CONGL, SH, DK BRN-RD, ABND QTZ GRS AND FELDS, 5 UNITS CO2 CO2 3096 FT WALLCAKE, SH, SFT, QTZ GRNS, SD GRNS, 5 UNITS CO2 CO2 3100 FT CONGL, DK RD-BRN MTX W/ CRS GRNS QTZ, 5 UNITS CO2 CO2 3115 FT CONGL, FN-PBBLE QTZ, SH DK BRN-RD, SLTSTN MATRIX, OCC VUGS, FRACS, 5 UNITS CO2 CO2 3118 FT CONGL, SFT, WALLCAKE W/ ABNDT QTZ GRNS, FRACS, 5 UNITS CO2;
DRLG COMMENTS : AZTECWS #157 COMPLETED.;
OPER ADD : P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230;

STATE: ARIZONA
COUNTY: APACHE
API: 02-001-20315
FIELD: WILDCAT
WELL CLASS: WF
RIDGEWAY AZ OIL CORP

26-10N-29E
NW SW
2260 FSL 1206 FWL SEC
STATUS: D&A-G

10-26-29 RIDGEWAY STATE

PN 903

SPUD: 04/18/1997 **COMP:** 06/30/1998 **ELEV:** 6945 KB 6932 GR
ID: 3202 (04/30/1997) **FM/ID:** FORT APACHE **DTD:** 3202
CONTR: AZTEC WELL SERVICING RIG # 124 RIG SUB: 13 (VERTICAL)
PROJ DEPTH/FM: 2300 FORT APACHE **PERMIT #** 903 (ST APPD PMT: 04/08/1997) **LEASE**
TYPE: STATE **TARGET OBJ:** GAS

3202 DTD COMP: 06/30/1998 D&A-G; , NO DST RUN

LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE) CO2 DISC 3-11N-29E 12 MI NE
SPRINGERVILLE, AZ; ;

CASING: 8 5/8 IN @ 1098 W/600 SACK, 4 1/2 IN @ 3189 W/660 SACK;

LOG TYPES: CBND, POR, LITH;

LOG TOPS: SAN ANDRES 880, GLORIETA /SD/ 1176, SUPAI 1400, FORT APACHE 2020;

(OVER)

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03/03/2000

CARD# 0003-AZ

RIDGEWAY AZ OIL CORP

10-26-29 RIDGEWAY
STATE

API: 02-001-20315, 26-10N-29E

(CONTINUED)

SDWL # 001 FORT APACHE 1900-3118 1900 FT SLTSTN, DK RD-BRN, SHLY, DOLO CO2 1901
FT SS, MED GY, VFG, SRTD, SLI CALC, 1 UNIT CO2 CO2 1987 FT SLTSTN, MED GY-BRN, SDY
SLI, DOLO W/ SMALL ANHY INCL CO2 2083 FT DOLO, MED GY-BRN, FN SUC, SHLY, SLTY W/
SCAT ANHY, INCL W/OCC VUGS, 3 UNITS CO2 CO2 2156 FT DOLO, MED BRN-GY, FG-XLYN,
BLK CARB INCL, SCAT VUGS, FRAC, 2 UNITS CO2 CO2 2176 FT DOLO, MED GY-BRN, F SUC,
SDY ABND, BLK CARB INCL, LG VUGS, CALC, 3 UNITS CO2 CO2 2188 FT SS, SLTSTN, DK-MED
RD-BRN, SRTD, SLTY, 3 UNITS CO2 CO2 2200 FT SLTSTN, MED RD-BRN, SFT, SHLY, SLTY SS,
SLI CALC, 6 UNITS CO2 CO2 2201 FT SS, MED RD-BRN, VF-VFG, SOFT, SHLY, CALC, 3 UNITS
CO2 CO2 2267 FT SS, MED GY, VFG, SRTD, FRACS, 6 UNITS CO2 CO2 2349 FT SS, DK
RD-BRN, VFG, SUB ANG, WLL SRTD, HD, SH, SFT, DK RD-BRN, SDY, 14 UNITS CO2 CO2 2474
FT SS, MED- DK RD-BRN, VFG, VERT FRAC, SS LT GY, 8 UNITS CO2 CO2 2617 FT SS, DK
RD-BRN, VFG, SLTY, NON-CALC, SMALL CLUSTERS OF LT GY-GRN SHLY SS, 8 UNITS CO2
CO2 2712 FT SH, DK BRN-RD, SLTY, HD, VERT FRAC, 4 UNITS CO2 CO2 3038 FT WALLCAKE

W/ LOST CIRC MATERIAL, 4 UNITS CO2 CO2 3082 FT CONGL, SH, DK BRN-RD, ABND QTZ
GRS AND FELDS, 5 UNITS CO2 CO2 3096 FT WALLCAKE, SH, SFT, QTZ GRNS, SD GRNS, 5
UNITS CO2 CO2 3100 FT CONGL, DK RD-BRN MTX W/ CRS GRNS QTZ, 5 UNITS CO2 CO2 3115
FT CONGL, FN-PBBLE QTZ, SH DK BRN-RD, SLTSTN MATRIX, OCC VUGS, FRACS, 5 UNITS
CO2 CO2 3118 FT CONGL, SFT, WALLCAKE W/ ABNDT QTZ GRNS, FRACS, 5 UNITS CO2;

DRLG COMMENTS: AZTECWS #157 COMPLETED;

OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230;

**P/DWIGHTS PLUS DRILLING WIRE™
ROCKY MOUNTAIN REGION
Section II - 03/03/2000**

COMPLETIONS

FINAL CLASS: WF=UNSUCCESSFUL NEW FIELD WILDCAT; WFD=NEW FIELD DISCOVERY; WD=UNSUCCESSFUL DEEPER POOL WILDCAT;
WDD=DEEPER POOL DISCOVERY; WS=UNSUCCESSFUL SHALLOW POOL WILDCAT; WSD=SHALLOW POOL DISCOVERY; WP=UNSUCCESSFUL NEW
POOL DEVELOPMENT; WPD=NEW POOL DISCOVERY; WO=UNSUCCESSFUL WILDCAT OUTPOST; WOE=WILDCAT OUTPOST EXTENSION;
D=UNSUCCESSFUL DEVELOPMENT; DO=DEVELOPMENT OIL WELL; DG=DEVELOPMENT GAS WELL;

ARIZONA / NEVADA

APACHE COUNTY

RIDGEWAY ARIZONA OIL
COMPANY
9-22-29 RIDGEWAY
API 02-001-20310

22-9N-28E
SW SE
1091 FSL 2674 FWL SEC

WILDCAT; 2400 FORT APACHE PERMIT: 898 (PMT APP'D 03/13/1997)
(FR:03/17/1997 FM KMS) LEASE TYPE: STATE TARGET OBJ: GAS; OPER
ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 7190 KB 7177
GR LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 6 MI N SPRINGVILLE, AZ; VERTICAL; WELL ID CHANGES:
FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD FROM C SW., ELEV
CHGD FROM 1746 GR.

WF
TA-G

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/30/1997 CSG: 8 5/8 IN @ 1136 W/600 SACK, 4 1/2 IN @ 3174 W/600 SACK; DRLG COMMENTS:
AZTECWS #157 COMPLETED.; LOG TYPES: POR 65-3165, LITH 65-3165, REST 1138-3175, MICL 1138-3165, MRIL 1350-3173; LOG TOPS: FORT APACHE
2222; 3180 TD, (FORT APACHE) (TD REACHED:04/06/1997) BHT: 113F PROD TEST(S): # 001 PERF (FORT APACHE) 2607-3164; FRACTURING (2607-3164)
37000 LB SAND # 002 PERF (FORT APACHE) 2336-2562; FRACTURING (2336-2562) 57000 LB SAND # 003 PERF (FORT APACHE) 2222-2296; 3180 DTD
COMP:06/17/1998 TA-G; , NO DST RUN

RIDGEWAY ARIZONA OIL
COMPANY
9-21 RIDGEWAY STATE
API 02-001-20309

21-9N-31E
SW NE
1980 FNL 1980 FEL SEC

WILDCAT; 2300 FORT APACHE PERMIT: 897 (PMT APP'D 02/28/1997)
(FR:03/03/1997 FM KMS) LEASE TYPE: STATE; OPER ADD: P O BOX 1110,
ST. JOHNS, AZ 85936, (520)337-3230 EL: 7211 KB 7198 GR LOCATION
DATA: 10 1/2 MI E-NE SPRINGVILLE, AZ 17 MI SE UNNAMED FLD(FORT
APACHE)CO2 DISC NE 3-11N-29E; VERTICAL;

WF
TA-G

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/06/1997 CSG: 8 5/8 IN @ 1285 W/345 SACK, 4 1/2 IN @ 2683 W/459 SACK; DRLG COMMENTS:
AZTECWS #157 COMPLETED.; LOG TYPES: CCL, VD, GR; LOG TOPS: FORT APACHE 1853; DST # 001(FORT APACHE) 1860-1964 NO OP 30 MIN SI 60
MIN OP 30 MIN SI 60 MIN; PIPE REC: 925 FT MCW SPL REC: 2400 CC W; IFF 81 FFP 385 IFF 391 FFP 465; ISIP 478 FSIP 478; IHP 887 FHP 880 BHT 116 F DST
002(FORT APACHE) 1963-2160 NO OP 30 MIN SI 60 MIN OP 60 MIN SI 60 MIN; PIPE REC: 600 FT WCM, 450 FT MCW SPL REC: 2400 CC W; SPL CHAMBER
:15; IFF 96 FFP 421 IFF 426 FFP 507; ISIP 522 FSIP 522; IHP 876 FHP 836 BHT 112 F 2686 TD, (GRANITE WASH) (TD REACHED:03/18/1997) PROD
TEST(S): # 001 PERF (GRANITE WASH) 2489-2659 W/ 2 PF; FRACTURING (2489-2659) 55000 LB SAND GAS: 572 MCFD FTP 95; # 002 PERF (GRANITE
WASH) 2489-2659; GAS: 997 MCFD FTP 100; # 003 PERF (FORT APACHE) 1942-2147 W/ 2 PF; FRACTURING (1942-2147) 107000 LB SAND # 004 PERF
(GRANITE WASH) 2489-2659; 10/10/98 FLOWED 259 MCFGPD (99% CO2, .801% NITROGEN, .055% HELIUM); 10/27/98 FLOWED 0 MCFGPD. 2686 DTD
COMP:10/30/1998 TA-G;

RIDGEWAY ARIZONA OIL
COMPANY
10-26-29 RIDGEWAY STATE
API 02-001-20315

26-10N-29E
NW SW
2260 FSL 1206 FWL SEC

WILDCAT; 2300 FORT APACHE PERMIT: 903 (PMT APP'D 04/08/1997)
(FR:04/10/1997 FM KMS) LEASE TYPE: STATE TARGET OBJ: GAS; OPER
ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 6945 KB 6932
GR LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ; VERTICAL;

WF
D&A-G

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:04/18/1997 CSG: 8 5/8 IN @ 1098 W/800 SACK, 4 1/2 IN @ 3189 W/660 SACK; DRLG COMMENTS:
AZTECWS #157 COMPLETED.; LOG TYPES: CBND, POR, LITH; LOG TOPS: SAN ANDRES 880, GLORIETA /SD/ 1176, SUPAI 1400, FORT APACHE 2020;
SDWL # 001 FORT APACHE 1900-3118 1900 FT CO2 1901 FT CO2 1987 FT CO2 2083 FT CO2 2156 FT CO2 2176 FT CO2 2188 FT CO2 2200 FT CO2 2201 FT
CO2 2267 FT CO2 2349 FT CO2 2474 FT CO2 2617 FT CO2 2712 FT CO2 3038 FT CO2 3082 FT CO2 3096 FT CO2 3100 FT CO2 3115 FT CO2 3118 FT; 3202
TD, (FORT APACHE) (TD REACHED:04/30/1997) 3202 DTD COMP:06/30/1998 D&A-G; , NO DST RUN

RIDGEWAY ARIZONA OIL
COMPANY
10-22 RIDGEWAY STATE
API 02-001-20308

22-10N-30E
SW SW
660 FSL 860 FWL SEC

WILDCAT; 2300 FORT APACHE PERMIT: 896 (PMT APP'D 02/18/1997)
(FR:02/18/1997 FM KMS) LEASE TYPE: STATE; OPER ADD: P O BOX 1110,
ST. JOHNS, AZ 85936, (520)337-3230 EL: 6891 KB 6878 GR LOCATION
DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20
MI SE ST JOHNS, AZ; VERTICAL;

WF
TA-G

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/19/1997 CSG: 8 5/8 IN @ 743 W/335 SACK, 4 1/2 IN @ 2262 W/791 SACK; DRLG COMMENTS:
AZTEC WELL SERVICING #157 COMPLETED.; LOG TYPES: GR, CCL, MICL, REST; LOG TOPS: FORT APACHE 1482, GRANITE 2235; RIG REL: 03/29/1997
SDWL # 001 1482-2235 1482 FT DOLO, SLI-MOD SLTY, TR SDY LAM, TR CALC SCT POR 1483 FT DOLO, SLI-MOD SLTY, TR SDY, SCT POR 1546 FT SS,
RDBRN, VFG W/ CONS, MOD-V SLTY, SLTY LAM, INTGR POR 1648 FT SS, RDBRN, VFG W/ CONS, MOD-V SLTY, SLTY LAM, INTGR POR 1649 FT SS, RDBRN,
VFG, MOD-W CONS SLTY, SHLY, LAM INTGR POR 1678 FT DOLO, SLI SLTY, MOD-V SDY, GRDG TO SS SCT POR 1758 FT SLTSTN, BRNRD, CONS MOD-V
SDY, GYP LAM SCT POR 1763 FT NO ANALYSIS 1785 FT SLTSTN, LT BRN-LT RDBRN W/ CONS, TR-SL SDY, TR POR 2051 FT SLTSTN, LTBRN-LT RDBRN W/
CONS, TR-SL SDY, TR POR 2099 FT SLTSTN, BRNRD-DK RD W/ CONS, TR SDY LAM, TR POR 2106 FT SLTSTN, LTBRN-LT RDBRN W/ CONS, SLI-MOD SDY, SCT GYP,
SCT POR 2118 FT SLTSTN, BRNRD-DK RD, W CONS, TR SDY LAM, TR POR 2124 FT SLTSTN, LTBRN-LT RDBRN W/ CONS, SLI-MOD SDY, TR POR 2126 FT
SLTSTN, BRNRD-DK RD W/ CONS, TR SDY LAM, TR POR 2157 FT SLTSTN, LT BRN-LT RDBRN W/ CONS, SLI-MOD SDY, TR SCT POR 2154 FT SLTSTN

**P/DWIGHTS PLUS DRILLING WIRE™
ROCKY MOUNTAIN REGION
Section II - 03/03/2000**

PAW

COMPLETIONS

FINAL CLASS: WF=UNSUCCESSFUL NEW FIELD WILDCAT; WFD=NEW FIELD DISCOVERY; WD=UNSUCCESSFUL DEEPER POOL WILDCAT; WDD=DEEPER POOL DISCOVERY; WS=UNSUCCESSFUL SHALLOW POOL WILDCAT; WSD=SHALLOW POOL DISCOVERY; WP=UNSUCCESSFUL NEW POOL DEVELOPMENT; WPD=NEW POOL DISCOVERY; WO=UNSUCCESSFUL WILDCAT OUTPOST; WOE=WILDCAT OUTPOST EXTENSION; D=UNSUCCESSFUL DEVELOPMENT; DO=DEVELOPMENT OIL WELL; DG=DEVELOPMENT GAS WELL;

ARIZONA / NEVADA

APACHE COUNTY

<p>RIDGEWAY ARIZONA OIL COMPANY 9-22-29 RIDGEWAY API 02-001-20310</p>	<p>22-9N-29E SW SE 1091 FSL 2674 FWL SEC</p>	<p>WILDCAT; 2400 FORT APACHE PERMIT: 898 (PMT APP'D 03/13/1997) (FR:03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 7190 KB 7177 GR LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGVILLE, AZ. VERTICAL; WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL.. SPOT CHGD FROM C SW.. ELEV CHGD FROM 1746 GR.</p>	<p>WF TA-G</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/30/1997 CSG: 8 5/8 IN @ 1136 W/600 SACK, 4 1/2 IN @ 3174 W/600 SACK; DRLG COMMENTS: AZTECWS #157 COMPLETED.; LOG TYPES: POR 65-3165, LITH 65-3165, REST 1138-3175, MCL 1138-3165, MRIL 1350-3173; LOG TOPS: FORT APACHE 2222; 3180 TD, (FORT APACHE) (TD REACHED:04/06/1997) BHT: 113F PROD TEST(S): # 001 PERF (FORT APACHE) 2607-3164 ; FRACTURING (2607-3164) 37000 LB SAND # 002 PERF (FORT APACHE) 2336-2562 ; FRACTURING (2336-2562) 57000 LB SAND # 003 PERF (FORT APACHE) 2222-2296 ; 3180 DTD COMP:06/17/1998 TA-G; , NO DST RUN

<p>RIDGEWAY ARIZONA OIL COMPANY 9-21 RIDGEWAY STATE API 02-001-20309</p>	<p>21-9N-31E SW NE 1980 FNL 1980 FEL SEC</p>	<p>WILDCAT; 2300 FORT APACHE PERMIT: 897 (PMT APP'D 02/28/1997) (FR:03/03/1997 FM KMS) LEASE TYPE:STATE; OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 7211 KB 7198 GR LOCATION DATA: 10 1/2 MI E-NE SPRINGVILLE, AZ 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E; VERTICAL;</p>	<p>WF TA-G</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/06/1997 CSG: 8 5/8 IN @ 1285 W/345 SACK, 4 1/2 IN @ 2683 W/459 SACK; DRLG COMMENTS: AZTECWS #157 COMPLETED.; LOG TYPES: CCL, VD, GR; LOG TOPS: FORT APACHE 1853; DST # 001(FORT APACHE) 1860-1964 NO OP 30 MIN SI 60 MIN OP 30 MIN SI 60 MIN; PIPE REC: 925 FT MCW SPL REC: 2400 CC W; IFF 81 FFP 385 IFF 391 FFP 465; ISIP 478 FSIP 478; IHP 887 FHP 880 BHT 116 F DST # 002(FORT APACHE) 1963-2160 NO OP 30 MIN SI 60 MIN OP 60 MIN SI 60 MIN; PIPE REC: 600 FT WCM, 450 FT MCW SPL REC: 2400 CC W; SPL CHAMBER :15 ; IFF 96 FFP 421 IFF 426 FFP 507; ISIP 522 FSIP 522; IHP 876 FHP 836 BHT 112 F 2688 TD, (GRANITE WASH) (TD REACHED:03/18/1997) PROD TEST(S): # 001 PERF (GRANITE WASH) 2489-2659 W/ 2 PF; FRACTURING (2489-2659) 55000 LB SAND GAS: 572 MCFD FTP 95; # 002 PERF (GRANITE WASH) 2489-2659 ; GAS: 997 MCFD FTP 100; # 003 PERF (FORT APACHE) 1942-2147 W/ 2 PF; FRACTURING (1942-2147) 107000 LB SAND # 004 PERF (GRANITE WASH) 2489-2659 ; 10/10/98 FLOWED 259 MCFGPD (99% CO2, .801% NITROGEN, .055% HELIUM); 10/27/98 FLOWED 0 MCFGPD. 2688 DTD COMP:10/30/1998 TA-G;

<p>RIDGEWAY ARIZONA OIL COMPANY 10-26-29 RIDGEWAY STATE API 02-001-20315</p>	<p>26-10N-29E NW SW 2260 FSL 1206 FWL SEC</p>	<p>WILDCAT; 2300 FORT APACHE PERMIT: 903 (PMT APP'D 04/08/1997) (FR:04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 6945 KB 6932 GR LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGVILLE, AZ; VERTICAL;</p>	<p>WF D&A-G</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:04/18/1997 CSG: 8 5/8 IN @ 1098 W/600 SACK, 4 1/2 IN @ 3189 W/660 SACK; DRLG COMMENTS: AZTECWS #157 COMPLETED.; LOG TYPES: CBND, POR, LITH; LOG TOPS: SAN ANDRES 880, GLORIETA /SD/ 1176, SUPAI 1400, FORT APACHE 2020; SDWL # 001 FORT APACHE 1900-3118 1900 FT CO2 1901 FT CO2 1987 FT CO2 2083 FT CO2 2156 FT CO2 2176 FT CO2 2188 FT CO2 2200 FT CO2 2201 FT CO2 2267 FT CO2 2349 FT CO2 2474 FT CO2 2617 FT CO2 2712 FT CO2 3088 FT CO2 3082 FT CO2 3096 FT CO2 3100 FT CO2 3115 FT CO2 3118 FT; 3202 TD, (FORT APACHE) (TD REACHED:04/30/1997) 3202 DTD COMP:06/30/1998 D&A-G; , NO DST RUN

<p>RIDGEWAY ARIZONA OIL COMPANY 10-22 RIDGEWAY STATE API 02-001-20308</p>	<p>22-10N-30E SW SW 660 FSL 660 FWL SEC</p>	<p>WILDCAT; 2300 FORT APACHE PERMIT: 896 (PMT APP'D 02/18/1997) (FR:02/18/1997 FM KMS) LEASE TYPE:STATE; OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 6891 KB 6878 GR LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; VERTICAL;</p>	<p>WF TA-G</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/19/1997 CSG: 8 5/8 IN @ 743 W/335 SACK, 4 1/2 IN @ 2262 W/791 SACK; DRLG COMMENTS: AZTECWELL SERVICING #157 COMPLETED.; LOG TYPES: GR, CCL, MCL, REST; LOG TOPS: FORT APACHE 1482, GRANITE 2235; RIG REL: 03/29/1997 SDWL # 001 1482-2235 1482 FT DOLO, SLI-MOD SLTY, TR SDY LAM, TR CALC SCT POR 1483 FT DOLO, SLI-MOD SLTY, TR SDY, SCT POR 1546 FT SS, RDBRN, VFG W/ CONS, MOD-V SLTY, SLTY LAM, INTGR POR 1648 FT SS, RDBRN, VFG W/ CONS, MOD-V SLTY, SLTY LAM, INTGR POR 1649 FT SS, RDBRN, VFG, MOD-W CONS SLTY, SHLY, LAM INTGR POR 1678 FT DOLO, SLI SLTY, MOD-V SDY, GRDG TO SS SCT POR 1758 FT SLTSTN, BRNRD, CONS MOD-V SDY, GYP LAM SCT POR 1763 FT NO ANALYSIS 1785 FT SLTSTN, LT BRN-LT RDBRN W/ CONS, TR-SL SDY, TR POR 2051 FT SLTSTN, LTBRN-LT RDBRN W/ CONS, TR-SL SDY, TR POR 2099 FT SLTSTN, BRNRD-DK RD W/ CONS, TR SDY LAM, TR POR 2106 FT SLTSTN, LTBRN-LT BRNRD, CONS, SLI SDY, SCT GYP, SCT POR 2118 FT SLTSTN, BRNRD-DK RD, W CONS, TR SDY LAM, TR POR 2124 FT SLTSTN, LTBRN-LT RDBRN W/ CONS, SLI-MOD SDY, TR POR 2126 FT SLTSTN, BRNRD-DK RD W/ CONS, TR SDY LAM, TR POR 2157 FT SLTSTN, LT BRN-LT RDBRN W/ CONS, SLI SDY, SL GYP, TR SCT POR 2164 FT SLTSTN

P/N 903

**WILDCATS PLUS DRILLING WIRELINE
ROCKY MOUNTAIN REGION
Section II - 01/14/2000**

DRILLING PROGRESS

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT;
WO=WILDCAT OUTPOST; D=DEVELOPMENT. X=RE-ENTRY; R=RE-DRILL
LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED

ARIZONA / NEVADA

APACHE COUNTY

<p>RIDGEWAY ARIZONA OIL COMPANY 9-22-29 RIDGEWAY API 02-001-20310</p>	<p>22-9N-29E SW SE 1091 FSL 2674 FWL SEC</p>	<p>WILDCAT; PERMIT: 698 2400 FORT APACHE (PMT APP'D 03/13/1997) (FR 03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 7191 KB 7178 GR LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; VERTICAL; WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL., SPOT CHGD FROM C SW., ELEV CHGD FROM 1746 GR.</p>	<p>WF</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 03/30/1997 RAN PROD CSG DRLG COMMENTS: AZTECWS #157 COMPLETED.; 3180 TD, (TD REACHED:04/06/1997) 3180 DTD3180 TD, WOE (LDIR 01/12/2000)

<p>RIDGEWAY ARIZONA OIL COMPANY 10-26-29 RIDGEWAY STATE API 02-001-20315</p>	<p>26-10N-29E NW SW 2260 FSL 1206 FWL SEC</p>	<p>WILDCAT; PERMIT: 903 2300 FORT APACHE (PMT APP'D 04/08/1997) (FR 04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 6946 KB 6933 GR LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; VERTICAL;</p>	<p>WF D&A</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 04/18/1997 CSG: 8 5/8 IN @ 1118; DRLG COMMENTS: AZTECWS #157 COMPLETED.; 2850 TD, (FORT APACHE) (TD REACHED:04/30/1997) 2850 DTD COMP 01/05/2000 D&A; HOLDING FOR DATA(LDIR 01/12/2000)

<p>RIDGEWAY ARIZONA OIL COMPANY 10-22 RIDGEWAY STATE API 02-001-20308</p>	<p>22-10N-30E SW SW 660 FSL 660 FWL SEC</p>	<p>WILDCAT; PERMIT: 896 2300 FORT APACHE (PMT APP'D 02/18/1997) (FR 02/18/1997 FM KMS) LEASE TYPE:STATE; EL: 6891 KB 6878 GR LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; VERTICAL;</p>	<p>WF</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 03/21/1997 DRLG COMMENTS: AZTECWELL SERVICING #157 COMPLETED.; DST # 001; ISIP 410, (AMOS WASH), REC CO2 GTS. 2265 TD, (TD REACHED:03/27/1997) 2265 DTD2265 TD, WOE (LDIR 01/12/2000)

<p>RIDGEWAY ARIZONA OIL COMPANY 10-16-31 RIDGEWAY API 02-001-20311</p>	<p>16-10N-31E NE SW 1980 FSL 1980 FWL SEC</p>	<p>WILDCAT; PERMIT: 899 2400 FORT APACHE (PMT APP'D 03/13/1997) (FR 03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 7259 KB 7246 GR LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; VERTICAL;</p>	<p>WF</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 04/08/1997 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD.; 2798 TD, (TD REACHED:04/17/1997) 2798 DTD2798 TD, WOE (LDIR 01/12/2000)

<p>RIDGEWAY ARIZONA OIL COMPANY 12-16-28 RIDGEWAY STATE API 02-001-20314</p>	<p>16-12N-28E NW NE 1215 FNL 1991 FEL SEC</p>	<p>WILDCAT; PERMIT: 902 2150 FORT APACHE (PMT APP'D 04/08/1997) (FR 04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 6001 KB 5988 GR LOCATION DATA: 2 MI SW ST JOHNS, AZ 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC 15-12N-29E; VERTICAL;</p>	<p>WF</p>
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CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 05/21/1997 RAN PROD CSG. 2274 TD, (TD REACHED:05/25/1997) 2274 DTD2274 TD, WOE (LDIR 01/12/2000)

Jane Dee Hull
Governor

Michael E. Anable
State Land
Commissioner

Arizona
State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us

October 1, 1999

Mr. Darrel Knight
P.O. Box 240
Springerville, Arizona 85938

file 903

RE: Exploration Gas Well: State 10-26-29
Conversion to water well.

Dear Mr. Knight:

As you may recall, Mr. Stephen Williams, Range Section Manager, sent you a letter on May 18, 1999, regarding the conversion of an oil and gas well to a water well. In this regard, I am sending you an application to place improvements and a water well acceptance form. The water well acceptance form differs from the form which you previously signed in that the form states that the well will be used as a livestock water well. At your earliest convenience would you please return these forms to the Department.

As also concerns the conversion of these wells, please note that the well, as will be plugged and abandoned by Ridgeway Arizona Oil Corporation, is not a reimburseable improvement. Any equipment added to a livestock water well, and any appurtenant storage tanks and watering troughs, in order to be entitled to reimbursement or compensation, shall have the permission of the Department before their placement.

As lastly involves this matter, please note that it is the understanding of the Department that Ridgeway will only plug the well back to the base of the freshwater aquifer. Because the well casing will not be perforated, the well will be incapable of producing water until such time as you have the well completed as a water well. It may be prudent in this instance to determine the cost of perforating the well.

Sincerely,

Handwritten signature of Michael Rice in cursive.

Michael Rice, Manager
Minerals Section

MR/jh



Jane Dee Hull
Governor

Michael E. Anable
State Land
Commissioner

Arizona
State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us

October 1, 1999

Mr. Thomas White, Production Manager
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

file 903



Re: Exploration Gas Wells
State 10-26-29 and State 9-22-29

Dear Mr. White:

In regard to your letter of June 3, 1999, please note that the procedure for conversion of oil and gas wells on state land should be as follows:

- 1) A letter should be sent to the State Land Department, requesting permission to convert the nonproductive well to a water well. Included with the request should be a copy of the well completion report, and any information regarding water quality.
- 2) A copy of the request to the State Land Department, and an application to plug and abandon the well should be filed with the Oil and Gas Conservation Commission.
- 3) The Land Department will request at this time, that the lessee submit an application to place improvements with the Department.
- 4) Upon receipt of the request for conversion, well completion report, application to plug and abandon, and an application to place improvements, the Land Department will request approval from the Arizona Department of Water Resources.
- 5) Upon approval by the Oil and Gas Conservation Commission and Department of Water Resources, the Land Department will authorize the conversion to a water well.

- 6) Upon authorization by the Land Department, and in accordance with Oil and Gas Conservation Commission Rule R12-7-129, the well is to be plugged to the base of the freshwater aquifer, and the lessee shall then file with the Commission, the required water well acceptance form.

As specifically relates to the State 10-26-29 and State 9-22-29, the Land Department has no objection to these wells being converted to water wells. A copy of this letter along with an application to place improvements and a water well acceptance form, have been sent to our grazing lessees.

Sincerely,



Michael Rice, Manager
Minerals Section

MR/jh



COPY

Thursday, June 03, 1999

Mike Rice
Manager, Minerals Section
Arizona State Land Dept.
1616 West Adams
Phoenix, Az. 85007

file 903

RE: Transferal of well for water well usage

Dear Mike,

This letter is in regards to our wells located on state land. The wells in question are State 9-22-29e, State 10-26-29e, we have released the mineral lease's on this land and the parties that hold the surface lease would like to utilize these wells for water wells. Because this is state land and not private what is the proper procedure to transfer these wells? also included in this letter are copies of water well acceptance forms from both interested parties.

Included in the land that Ridgeway released is well 12-16-28e we have not had a response concerning this well as a water well so we will follow the standard plug and abandon procedure.

Your immediate response in this matter is appreciated.

Sincerely

A handwritten signature in black ink, appearing to read 'Thomas White', written over a horizontal line.

Thomas White
Production Manager R.A.O.C.

Cc Mike Anable





Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

May 13, 1999

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

903

Re: Status of Shut-in Wells

Dear Mr. White:

This will confirm the Oil and Gas Conservation Commission's decision of May 7, 1999, regarding the status through January 2000 of Ridgeway's 10 shut-in wells.

1. The Commission granted extension of shut-in status for the 7 wells located on active leases. These include wells 3-1 State (Permit 884), 22-1X State (888), 11-21 State (895), 10-22 State (896), 9-21 State (897), 10-16-31 State (899), and 12-15-30 State (900).
2. The Commission did not grant an extension for the 3 wells located on leases released by Ridgeway. These include wells 9-22-29 State (898), 12-16-28 State (902), and 10-26-29 State (903).

As you know, A.A.C. R12-7-125 requires the 3 wells not granted an extension to be plugged and abandoned or converted to water well use pursuant to A.A.C. R12-7-129 before Ridgeway's performance bond may be released on the wells.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission

FROM : RIDGEWAY AZ OIL CORP

PHONE NO. : 5203373162

May. 04 1999 02:23PM P2



FAXED
5-5-99

May 5, 1999

903

Mr. Darrell Knight
P. O. Box 240
Springerville, AZ 85938

CERTIFIED MAIL Z 218 526 066

Dear Mr. Knight:

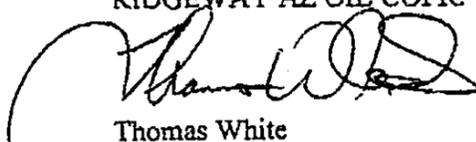
Enclosed you will find a copy of a Certified Letter that was sent of Mr. & Mrs. John Hall on April 28, 1999. Our records indicate that Mr. & Mrs. Hall still hold the grazing lease for the Section referenced in our letter.

You have indicated that you hold the grazing lease and are interested in obtaining our well for use of a water well. There is a Water Well Acceptance Form that must be filled out so that we may forward to the State of Arizona for processing. My suggestion is that you should contact Mr. Hall regarding this matter, unless you have the proper documentation to forward to us with the Water Well Acceptance Form.

If you have any questions regarding this matter, please advise.

Sincerely,

RIDGEWAY AZ OIL COPR.


Thomas White
Production Manager

TW:ct
Enclosure

Cc: ✓ Mike Rice, AZ State Land Department
✓ Steve Rauzi, AZ Geological Survey
✓ Walter Ruck, Ridgeway Petroleum Corp.
Stephen Williams, ASLD Range Section Manager - Z 218 526 079
RAOC STJ 109

P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 597 3522

Fax

903

To: Tom White, RAOC From: Steve Rauzi
Fax: ~~587-3522~~ 337-3162 Date: April 29, 1999
Phone: 337-3230 Pages: 2
Re: Water well acceptance CC: Charles Cantwell, ASLD

Urgent For Review Please Comment Please Reply Please Recycle

•Comments:

Thank you for copying me with the 3 letters you wrote to the grazing lessees regarding potential conversion of the 9-22-29, 10-26-29, and 12-16-28 to water wells. As you are probably aware, the transfer is accomplished through oil and gas rule A.A.C. R12-7-129 after the well has been plugged in accordance with R12-7-127 to the base of the fresh water strata. I have attached a copy of our application to plug and abandon for your convenience.

If the grazing lessees were interested in using the abandoned wells as water wells, they would need to advise the Land Department of that. It is the Land Department that would accept the wells as water wells.

Please let me know if we may be of further assistance.

Fax

903

To: Charles Cantwell **From:** Steve Rauzi
Fax: 542-4668 **Date:** April 29, 1999
Phone: 542-2670 **Pages:** 8
Re: Water well acceptance **CC:**

Urgent For Review Please Comment Please Reply Please Recycle

•Comments:

I have attached the 3 letters to grazing lessees that Ridgeway wrote regarding potential conversion of abandoned oil tests to water wells and a blank water-well acceptance form. The form may be modified as to the type of water well.

For your information, the transfer of abandoned oil or gas tests to water well status is accomplished through oil and gas rule A.A.C. R12-7-129.

I have also enclosed the completion (temporary abandonment) forms for the 3 wells that Ridgeway intends to abandon (our permits numbers 898, 902, and 903). The forms provide the location and mechanical status for the wells.

Please give me a call if you need further information.



April 28, 1999

FIN 903

John C. and Cheryl Hall
19159 E. Via Del Verde
Queen Creek, AZ 85243

CERTIFIED MAIL Z 218 526 061

Dear Mr. & Mrs. Hall:

Our records indicate that you hold a grazing Lease Contract 005-085885-00, on Township 10 North, Range 29 East in Apache County, Arizona. Early on in our project, we had been approached by several of the ranchers in the area who hold grazing leases, expressing an interest in keeping wells that Ridgeway is going to plug and abandon for water wells.

At the present time, we plan to abandon a well we drilled on Section 26, of Township 10 North, Range 29 East. If you are interested in keeping this well for a water well, please have the enclosed Water Well Acceptance Form, Signed, Notarized and returned to our office immediately so that we can process well transfer papers to the state of Arizona. If you are not interested in keeping the well please contact our office at 520-337-3230 or 888-337-7444. Your cooperation in this matter is appreciated.

Sincerely,

RIDGEWAY AZ OIL CORP.

A handwritten signature in black ink, appearing to read 'Thomas White', is written over the typed name.

Thomas White
Production Manager

TW:ct
Enclosure

Cc: Mike Rice, AZ State Land Department
Steve Rauzi, AZ Geological Survey
Walter Ruck, Ridgeway Petroleum, Corp.
RAOC STJ 109



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522

Jane Dee Hull
Governor

Michael E. Anable
State Land
Commissioner

Arizona
State Land Department



1616 W. Adams Street Phoenix, AZ 85007 (602) 542-4621 www.land.state.az.us

April 27, 1999

Mr. Don Riggs
Ridgeway Arizona Oil Corporation
P. O. Box 1110
Saint Johns, Arizona 85936

91N 903

RE: Relinquishment of Oil and Gas Leases.
Letter of January 15, 1999.

Dear Mr. Riggs:

In accordance with the captioned letter of January 15, 1999, the Department canceled twenty-four oil and gas leases. In this regard and as was overlooked at the time, there exist five leases upon which drilling was completed. According to our records, oil and gas leases 13-101344, 13-101352, 13-101533, 13-101536, and 13-101544 each have one well which was drilled on the property. According to the records of the Oil and Gas Commission, the wells located on 13-101344, 13-101533, and 13-101536 have been shut-in and have not been plugged and abandoned.

In order to correct this situation, it will be necessary to plug and abandon three wells and also complete final reclamation of all five well locations. As concerns reclamation of the property, I will soon be sending to you the required reclamation measures.

Sincerely

A handwritten signature in cursive script that reads "Michael Rice".

Michael Rice, Manager
Minerals Section

CC: V. Ottozawa Chatupron, Engineering
Steve Rauzi, Arizona Geological Survey

MR/jh



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500

March 12, 1999



Larry D. Fellows
Director and State Geologist

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

803

Re: Status of temporary abandonment

Dear Mr. White:

You may recall that the Oil and Gas Conservation Commission brought the referenced matter up at its January 15, 1999, meeting. For some reason, the matter was delayed until a later part of the meeting but was not brought up again.

As a result, I have no decision to report at this time. The current shut-in status of your wells will continue until the Commission's next meeting on May 7, 1999.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Thursday, March 04, 1999

Mr. Steve Rauzi
Az. Geological Survey
Suite 100
416 W. Congress
Tucson, 85701



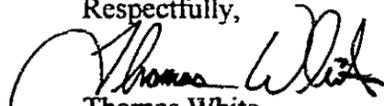
Re: Status of temporary abandonment

Dear Mr. Rauzi,

On Jan. 20 1999 Ridgeway AZ Oil Corp requested to temporarily abandon well permit numbers: 888, 895, 897, 896, 898, 898, 899, 900, 902, 884, 903. To date we have not heard back from the Oil and Gas Commission concerning their decision.

Please inform us in writing of their decision, also if there are any questions as to the above-mentioned wells please call.

Respectfully,


Thomas White
Production Mgr. RAOC

Cc: Mike Rice, AZ State Land Dept.



Wednesday, January 20, 1999
Mr. Steve Rauzi
Az. Geological Survey
Suite 100
416 W. Tucson, 85701

RE: Request of temporary abandonment status for State Permit #'s 884, 888, 895, 896, 897, 898, 899, 900, 902 and 903 ✓

Dear Mr. Rauzi:

We are requesting that temporary abandonment status be extended to the above-mentioned wells, as was mentioned in my letter dated Jan. 05, 1999 these wells have well-bore skin damage and warrant further testing and evaluation.

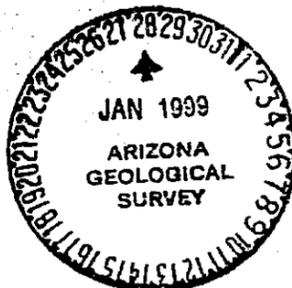
If there are any questions concerning this matter please advise.

Sincerely,
Ridgeway AZ. Oil Corp.

A handwritten signature in black ink, appearing to read 'Thomas White', is written over the typed name.

Thomas White
Production Manager

Cc: Mike Rice
Andrew Hurwitz



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Ridgeway
Arizona Oil Corporation

903

Tuesday, January 05, 1999
Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, AZ. 85701

Dear Mr. Rauzi:

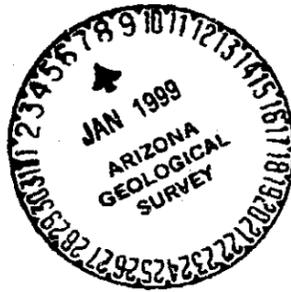
I've included the test results from 3-1 also from 10-16, as stated per our phone conversation yesterday 11-21 is the last well we have ready for test, 9-22, 10-22, 12-15, 12-16, 10-26 these wells all need remedial work before they can be tested.

Also through our engineering study on the reservoir we have extensive skin damage in all of our wells that will require further testing and evaluation.

If there are any further questions please advise

Sincerely,
Ridgeway AZ Oil Corp.

Thomas White
Production Manager R.A.O.C.



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 21, 1998

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

file 903

Re: Completion testing of Arizona wells Nos. 11-21, 10-22, 9-22-29, 10-16-31,
12-15-30, 12-16-28, and 10-26-29.

Dear Mr. White:

You had indicated in August that you expected to complete flow and build up testing your wells in Arizona by the end of this year. To date, we have received a flow test for the 22-1X well and a flow and build up test for the 9-21 well.

Have you completed the flow and build up testing for the rest of your wells as you had indicated and when may we expect to receive the results?

We look forward to receiving the results for the rest of your wells.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist

07-21-1998 10:19AM FROM DEPT OF GEOLOGY TO 815207703505 P.02



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 21, 1998

903

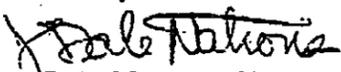
Don Riggs
Vice President of Operations
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, AZ 85936

Dear Mr. Riggs,

After conferring with the Arizona Attorney General's Office, I find that that the Arizona Oil and Gas Conservation Commission cannot grant your request to extend the confidential status of Ridgeway's carbon dioxide wells in Apache County, Arizona. The two year confidential status that is granted for geothermal wells is not relevant to carbon dioxide or other natural gas wells. Arizona Revised Statute No. 27-522 specifies a six-month confidential status for oil and natural gas wells, which is consistent with well-established standards of the oil and gas industry.

The Arizona Oil and Gas Conservation Commission has been supportive of Ridgeway's development and will continue to be. However the Commission must comply with state law and make information on the wells available to the public on July 24, 1998.

Sincerely,


Dale Nations, Chairman

copy:

Dr. Larry Fellows, Director of Arizona Geological Survey
Jay Skardon, Arizona Attorney General's Office



July 14, 1998

Arizona Geological Survey
416 W. Congress
Suite 100
Tucson, AZ 85701

Attn: Mr. Steve Rauzi
Oil & Gas Program Administrator

RE: **Confidential Status**

Certified Mail: Z 444 756 601

Dear Mr. Rauzi:

Ridgeway Arizona Oil Corporation (Ridgeway) is in receipt of your letter of July 10, 1998, refusing to extend the confidential status of our development. Past conversations with Dr. Fellows indicated that upon written request for Confidential Extension, this could be done.

Ridgeway has approximately 250,000 acres leased in Apache County Arizona, for future development. Due to the size of this field, it will require one (1) to two (2) years of reservoir studies, state and federal agency requirements, mainly EIS and unitization. These actions are on going and could take up to two (2) years to complete.

Ridgeway requires Confidential Agreements with all parties involved in any negotiations with the company. Release of geological information by the State of Arizona could prove to be a deterrent to the future of Ridgeway.



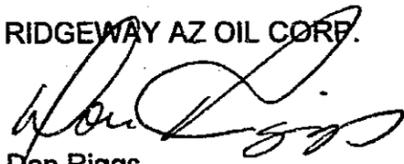
P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522

 **Ridgeway**
Arizona Oil Corporation
July 14, 1998
Page 2 of 2
Rauzi

Ridgeway respectfully request the Commission to reconsider the two (2) years Confidential Status granted to geothermal wells, (Arizona Administrative Code R 12-7-121 sub part D) to carbon dioxide/helium wells.

Sincerely,

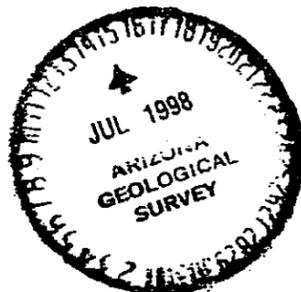
RIDGEWAY AZ OIL CORP.


Don Riggs
Vice President of Operations

DR:ct

Cc: Larry D. Fellows, Director & State Geologist
J. Dale Nations, Chairman, Oil & Gas Conservation
Mike Rice, Manager Minerals Section
Mark Steadman, Attorney General
Murray Snow, Ridgeway Attorney
Walter Ruck, Ridgeway Petroleum Corp.

Rauzi.ltr.7-14-98



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 10, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Re: Wells 22-1X State (State Permit #888), 11-21 State (895), 10-22 State (896),
9-21 State (897), 9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
13-36-29 State (901), 12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

Please be advised that the Commission is not able to extend the confidential status
for the referenced wells beyond July 23, 1998.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Ridgeway
Arizona Oil Corporation

903

Monday, July 06, 1998

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, AZ. 85701

Dear Steve:

This letter is in regards to the release of confidential status (R12-7-121,D.) on July 23. We would like to request an extension on this confidential status, in past conversation between Larry Fellows and yourself you seemed to indicate that in written form it was possible to gain an extension. Ridgeway would like to request a two year extension due to the fact we are in contract negotiations that could take up to a year.

If there are any further questions please advise

Sincerely,
Ridgeway AZ Oil Corp.

Thomas White
Production Manager R.A.O.C.



Cc: Larry Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Commission
Mike Rice, Minerals Manager, State Land Dept.
Kenneth Rosen, State Land Dept
Marc Steadman, Office of Attorney General

P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

June 26, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Re: Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),
9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

This will acknowledge your letter of June 22, 1998. Our records show that the referenced wells were completed as temporarily abandoned wells on January 23, 1998. Under R12-7-121(D) the wells will be held confidential for 6 months from that date, through July 23, 1998.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Ridgeway
Arizona Oil Corporation

903

Friday, June 22, 1998
Mr. Steve Rauzi
Az. Geological Survey
Suite 100
416 W. Tucson, 85701

RE: Completion Reports

Dear Mr. Rauzi:

This letter is to inform you that we are currently working on the requested completion forms, as soon as we have them completed we will submit them to our legal counsel for review they in turn will send them directly to the Arizona Geological survey. Mr. Rauzi it has also come to our attention according to the A.A.C. r12-7-121,D. that these wells will be considered completed therefore the Commission is only obligated to keep these wells confidential for a period not to exceed 6 mo. . These wells are not completed but on temporary abandonment status, we need some clarification on this issue.

If there are any questions concerning this matter please advise.

Sincerely,
Ridgeway AZ. Oil Corp.

Thomas White
Production Manager

Cc: Mike Rice, Mineral Manager, State land Dept.
Kenneth Rozen, State Land Dept.
Chet Oakely, Geologist, State Land Dept.
Larry Fellows, State Geologist
Marc Steadman, Office Of Attorney General



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522

JUN-19-1998 10:30

STATE LAND DEPT.

6025424668 P. 02/04



JANE DEE HULL
GOVERNOR

Arizona
State Land Department

1818 WEST ADAMS
PHOENIX, ARIZONA 85007



J. DENNIS WELLS
STATE LAND COMMISSIONER

June 16, 1998

file 903

Mr. Don Riggs
Vice President, Operations
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

Re: Exploration and Development
St. Johns CO₂ Field

Dear Mr. Riggs:

Since beginning the most recent phase of drilling operations in early 1997, there have been a number of issues arise with respect to plans of operation, advance notice to the Department and its surface lessees, and the overall conduct of operations on the property. Though Ridgeway has been cooperative in meeting the requests of the Department, it is also evident that most of these issues could have been avoided with the timely filing of a plan of operation. In this regard, I have outlined below the conditions for approving any additional work on State land.

- Plans of operation are to be received by the Department no later than 60 days prior to conducting any operations on the leased land. In instances where the well has been drilled and the plan contemplates testing of the well the plan is to be submitted no later than 10 days prior to the start of operations. As indicated in Section 17 of the lease agreement, operations may not be commenced without the approval of the Department.
- Upon receiving the plan from Ridgeway, the Department will then inform the surface lessee of proposed activities. In order to coordinate activities with the surface lessee, the proposed access routes and drill site locations should be discussed with the surface lessee prior to developing the plan.
- The Department is to be informed of the completion of approved operations within 10 working days.

JUN-19-1998 10:30

STATE LAND DEPT.

6025424668 P.02/04



JANE DEE HULL
GOVERNOR

Arizona
State Land Department

1615 WEST ADAMS
PHOENIX, ARIZONA 85007



J. DENNIS WELLS
STATE LAND COMMISSIONER

June 16, 1998

file 903

Mr. Don Riggs
Vice President, Operations
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

Re: Exploration and Development
St. Johns CO₂ Field

Dear Mr. Riggs:

Since beginning the most recent phase of drilling operations in early 1997, there have been a number of issues arise with respect to plans of operation, advance notice to the Department and its surface lessees, and the overall conduct of operations on the property. Though Ridgeway has been cooperative in meeting the requests of the Department, it is also evident that most of these issues could have been avoided with the timely filing of a plan of operation. In this regard, I have outlined below the conditions for approving any additional work on State land.

- Plans of operation are to be received by the Department no later than 60 days prior to conducting any operations on the leased land. In instances where the well has been drilled and the plan contemplates testing of the well the plan is to be submitted no later than 10 days prior to the start of operations. As indicated in Section 17 of the lease agreement, operations may not be commenced without the approval of the Department.
- Upon receiving the plan from Ridgeway, the Department will then inform the surface lessee of proposed activities. In order to coordinate activities with the surface lessee, the proposed access routes and drill site locations should be discussed with the surface lessee prior to developing the plan.
- The Department is to be informed of the completion of approved operations within 10 working days.

Mr. Don Riggs
June 16, 1998
Page 2

- All reasonable attempts shall be made to avoid conducting operations during inclement weather conditions. Contract terms as well as the scheduling of drilling operations should be considered in the development of drilling plans.
- All newly constructed drill sites, access roads, and turn-outs are to be scarified and seeded using a broadcast and rake seeding method. The timing, seed mixture, and seeding rate will be provided to you at a later date.
- As deemed appropriate by the Department, all disturbed areas including pre-existing ranch roads will either be maintained or abandoned using appropriate erosion control measures. Water bars, water turn-outs, and general road maintenance requirements will be developed by the Department's Drainage and Engineering Section and Apache County Natural Resource Conservation Service.
- As determined from my field exam of May 15, 1998, the construction and/or backfilling and leveling of well site 10-22 may have disturbed an archaeological site. There is to be no additional work on this particular well site until such time as authorized by the Department.
- All drill sites which have not been backfilled and leveled shall have all trash and debris removed from the property. As evidenced from my field examination on May 14th and May 15th, there exist a number of sites in which the drilling crew improperly disposed of thread protectors, mud additives or other drilling equipment and supplies. Of particular note is well site 10-16-31.
- As noted during my recent field exam, there are three drill sites which show evidence of oil and/or hydraulic fluid having leaked onto the ground. For well sites 9-22-29, 10-16-31, and 10-26-29, the Department is requiring that you remove the soil and dispose of it according to federal, state, and local laws.

P/N 903

JUN-19-1998 10:31

STATE LAND DEPT.

6025424668 P.04/04

Mr. Don Riggs
June 16, 1998
Page 3

As concerns gates or other improvements belonging to the grazing lessee, they are all to be repaired or replaced if damaged during the course of conducting operations on the property. Of particular note are gates which have been repaired but which still need attention (well sites 10-22 and 10-16-31). In addition to these gates there is also a cattle guard along the access road to well site 10-26-29.

Confirmed and Agreed to

Signature

Date

Sincerely,



Michael Rice, Manager
Minerals Section
Natural Resources Division

MR:mlt



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

June 5, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Re: Review of well files:
Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),
9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

Thank you for your letter of May 26, 1998. Please note that under our rule A.A.C. R12-7-121 a completion report is due within 30 days of a well being temporarily abandoned. It has been 4 months since the referenced wells were approved for temporary abandonment and completion reports are due. Please forward the reports. Several completion reports are enclosed for your convenience.

According to sundry notices in our files, Ridgeway ran downhole pressure gauges in its 3-1 State (884), 22-1X State (888), and 11-21 State (895) in mid 1997 but did not report the pressure results. Please forward the downhole pressure results.

Thank you.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission

enclosures



Ridgeway
Arizona Oil Corporation

May 26, 1998

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

903

Re: Request of Completion Reports

Dear Mr. Rauzi:

Enclosed you will find a copy of your Jan.23, 1998 *written permission for temporary abandonment*. These wells are temporally abandoned pursuant to A.A.C. R12-7-125, according to this code "*Permission shall be granted for a period not to exceed 1 year. One-year extensions may be granted.*" Therefore these wells are shut-in for evaluation and are not completed, we also understand that we are obligated to notify the Commission at least 10 days prior to re-entry (a.a.c.r12-7-125.d), there has not been any further work done to these wells

If there are any questions please advise

Sincerely,

Thomas White
Production Manager R.A.O.C.

C Larry Fellows
Director and State Geologist

Rauzi5/26/98

P.O. Box 1110
St. Johns, AZ 85936

Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

May 18, 1998

903

Mr. Don Riggs
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

Re: Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),
9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. Riggs:

A review of our records indicates that we have not received a completion report, subsurface pressure measurement, and open flow capacity determination for the referenced wells as required under our rules. It has been about a year since these wells were drilled and I am writing to remind you that these reports are due. Please forward the reports.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

C Larry D. Fellows
Director and State Geologist



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

January 23, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

Re: Temporary abandonment of Ridgeway Arizona Oil Corporation wells:
State Permit #'s 884, 888, 895, 896, 897, 898, 899, 900, 902, and 903

Dear Mr. White:

This letter constitutes written permission for temporary abandonment of the referenced wells pursuant to A.A.C. R12-7-125.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

C Oil and Gas Commissioners

After discussing if a temporarily-abandoned versus shut-in status would prevent Ridgeway from continuing to hold its leases, whether a gas analysis is a test required under the oil and gas rules, and the extension of confidentiality with Messrs. Riggs and White of Ridgeway,

Mr. Lanshe moved, seconded by Dr. Clay:

TO APPROVE THE RECOMMENDATION OF THE ADMINISTRATOR TO TEMPORARILY ABANDON RIDGEWAY'S WELLS SUBJECT TO DETERMINATION BY THE LAND DEPARTMENT THAT SUCH STATUS WOULD NOT JEOPARDIZE RIDGEWAY'S ABILITY TO CONTINUE TO HOLD ITS LEASES

Motion carried unanimously.

Mr. Lanshe moved, seconded by Dr. Clay:

THAT THE COMMISSION DEFER ACTION ON WHETHER A GAS ANALYSIS IS A TEST AND THE COMMISSION'S ABILITY TO GRANT A SIX-MONTH EXTENSION OF CONFIDENTIALITY PENDING A WRITTEN OPINION FROM LEGAL COUNSEL

Motion carried unanimously.

COMMISSION POLICY ON PUBLIC AND INDIAN LAND

Mr. Rauzi reported that the Commission holds bonds for companies drilling on public and Indian lands even though companies drilling on public land are required to post a bond with the federal government and companies drilling on Indian land are required to post a bond with the BIA. He reported that the bonds held by the Commission are duplicate bonds.

Mr. Lanshe moved, seconded by Dr. Clay:

THAT THE ADMINISTRATOR RELEASE DUPLICATE BONDS IF EVIDENCE OF BONDS HELD WITH THE FEDERAL GOVERNMENT OR BIA IS OBTAINED

Motion carried unanimously.

CALL TO THE PUBLIC

Paul Buff reported that the Bureau of Land Management would hold its next oil and gas lease sale in December.

ANNOUNCEMENTS

None.

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 01/16/98**

PAGE 8

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

903
RIDGEWAY ARIZONA OIL 26-10N-29E WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
10-26-29 RIDGEWAY STATE NW SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
API 02-001-20315 2260 FSL 1206 FWL LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG # 124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WS #157 COMPLETED.
2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), WOPT (LDIR 01/15/98)

RIDGEWAY ARIZONA OIL 22-10N-30E WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER WF
10-22 RIDGEWAY STATE SW SW ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800)
API 02-001-20308 660 FSL 660 FWL 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT
APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY
DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG # 124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; DRLG COMMENTS:
AZTEC WELL SERVICING #157 COMPLETED, 2265 TD, (TD REACHED: 03/27/97); ... 2265 TD, WOPT (LDIR 01/15/98)

COLORADO

ADAMS COUNTY

O'BRIEN ENERGY RESOURCES 10-1S-59W WILDCAT; PERMIT #97-851; 6300 J SAND, (FR 11/06/97DN) OPER ADD: 75 WF
1 TWIN PEAKS NE SW CONGRESS ST, PORTSMOUTH, NH, 03801 PHONE (603) 427-2099; EL: 4765
API 05-001-09371 2080 FSL 1500 FWL GR; LOCATION DATA: 2 MI WNW HOMESTEAD FLD(D SAND/J SAND) 20 MI
SW FORT MORGAN, CO;

■ CONTR: ASHBY DRLG; SPUD: 01/11/98, ... DRLG 4430 (LDIR 01/15/98)

CHEYENNE COUNTY

UNION PACIFIC RESOURCES 12-12S-43W HARKER RANCH; PERMIT #97-937; 5450 MORROW, (FR 12/09/97DN) WO
1 REVELLE 21-12 NE NW OPER ADD: BOX 7 MS 3006, FORT WORTH, TX, 76101-0007 PHONE (817)
API 05-017-07570 1000 FNL 1500 FWL 877-7664; EL: 4148 GR; LOCATION DATA: 19 1/2 MI S BURLINGTON, CO
1/2 MI S OF FLD(MORROW);

■ CONTR: MURFIN DRLG, RIG #25; SPUD: 01/10/98 (EST), ... DRLG (LDIR 01/15/98)

GARFIELD COUNTY

SNYDER OIL 4-7S-92W MAM CREEK; PERMIT #97-951; 4955 WILLIAMS FORK, (FR 12/16/97DN) D
4-14 DUNN SE SW OPER ADD: 1625 BROADWAY STE 2200, DENVER, CO, 80202 PHONE (303)
API 05-045-07263 827 FSL 2262 FWL 592-4643; EL: 6009 GR; LOCATION DATA: IRREG SEC: 5 1/2 MI S SILT, CO;
■ CONTR: SST ENERGY, RIG #3; SPUD: 12/15/97 (EST), 4955 TD, (TD REACHED: 12/24/97); ... 4955 TD(APPROX), TITE HOLE (LDIR 01/15/98)

SNYDER OIL 7-7S-92W MAM CREEK; PERMIT #97-802; 6410 WILLIAMS FORK, (FR 10/20/97DN) D
7-14 KRK SE SW OPER ADD: 1625 BROADWAY STE 2200, DENVER, CO, 80202 PHONE (303)
API 05-045-07232 250 FSL 913 FWL 592-4643; EL: 6199 GR; LOCATION DATA: IRREG SEC: 7 MI SSW SILT, CO;
■ CONTR: SST ENERGY, RIG #3; SPUD: 01/12/98 (EST), ... DRLG-TITE (LDIR 01/15/98)

RIO BLANCO COUNTY

CONOCO INC 32-3N-94W WILSON CREEK; PERMIT #96-884; 6203 NIOBRARA, (FR 12/10/96FM) WO
72 WILSON CREEK UNIT NW SE OPER ADD: 10 DESTA DR STE 100W, MIDLAND, TX, 79705-4500 PHONE
API 05-103-09859 2568 FSL 2115 FEL (815) 686-5424; EL: 7195 KB; LOCATION DATA: 10 1/2 MI N MEEKER, CO 1
MI W OF FLD(MORRISON/SHINARUMP/SUNDANCE/MINTURN/ NIOBRARA); TO
BE DIRECTIONALLY DRILLED. PBHL: 1199 FT; 848 S 848 W; 1720 FSL
2963 FEL SE NE SW 32-3N-94W; DIRECTIONALLY DRILLED. ABHL: 2131
FSL 2620 FEL NW NW SE 32-3N-94W;

■ CONTR: CAZA DRLG, RIG #7; SPUD: 12/10/96, CSG: 14 @ 60, 9 5/8 @ 600 W/300 SX, 7 @ 3571 W/260 SX; LNR: 5 1/2 @ 3487-8620; LOG TYPES:
CCL, GR, IL, MCL, SONL; LOG TOPS: MEEKER 2832, NIOBRARA 4227, CARLILE 6505; 6620 TD, (CARLILE) (TD REACHED: 01/15/97), RIG REL:
01/22/97; PROD TEST(S): PERF (NIOBRARA) 5345-6194, REC OIL (GAUGE NOT RPTD), NATURAL ... 6620 TD, SI-WOE (LDIR 01/15/98)



JANE DEE HULL
GOVERNOR

Arizona
State Land Department

1816 WEST ADAMS
PHOENIX, ARIZONA 85007



J. DENNIS WELLS
STATE LAND COMMISSIONER

December 17, 1997

Mr. Don Riggs, Vice President Operations
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

Re: Well Classifications

Dear Mr. Riggs:

As discussed during the Oil and Gas Commission meeting of October 31, 1997, the Department has reviewed your concerns about certain wells being classified as "Temporarily Abandoned." Based upon our review of the oil and gas lease agreement, the Department does not believe the classification jeopardizes the lease or any extension of the lease beyond the primary term. The basis for our position is as follows:

- 903
- 1) There are no leases held by Ridgeway Arizona Oil Corporation in which the primary term expires earlier than 1999.
 - 2) There has been no production from state land nor has there been demonstrated to the Department a discovery on state land. In the absence of either a discovery well or production from state land, an extension of the lease must be exercised through Section 2, Paragraphs b and c of the agreement.
 - 3) With the exception of extending the lease through diligent drilling, completion, reworking operations, or production from the property, the longest term of any oil and gas lease is for a period of ten years. Since the act of diligently developing or producing from the property is a requirement for extending the lease beyond a term of 10 years, the classification of the well has no bearing upon the granting of an extension by the Department.

Mr. Don Riggs, Vice President Operations
December 17, 1997
Page 2

For your convenience I have enclosed a copy of the Department's oil and gas lease agreement and specifically refer you to Page 2 of the agreement. Should you have any further questions regarding this matter, please feel free to contact the Department at any time.

Sincerely,

J. Dennis Wells

J. Dennis Wells
State Land Commissioner

JDW:mlt

Enclosure

c: Oil and Gas Conservation Commission ✓

Arizona Geological Survey
Attention: Steven L. Rauzi



903

Arizona Geological Survey
416 W, Congress
Suite 100
Tucson, AZ 85701

10/14/1997

ATT. Mr. Larry Fellows

Dear Mr. Fellows

This letter is to request a 6 mo. extension on the confidential status of our wells. We would like to keep all of our well information confidential, if more information is needed please advise.

Sincerely

A handwritten signature in black ink, appearing to read "Thomas White", written over the word "Sincerely".

Thomas White
Production Manager, RAOC

Cc: J. Dale Nations, Oil Gas Conservation Commissioner, and Chairman
Marc Steadman, Office of Attorney General
Walter Ruck, President of Ridgeway Petroleum Corp.

Fel.10-14-97



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 10/09/97**

PAGE 6

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310	22-9N-29E SW SE 1091 FSL 2674 FWL	WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.	WF
■ CONTR: AZTEC WELL SRVCG. RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 3180 TD, (TD REACHED: 04/06/97); ... 3180 TD, SI-WOE (LDIR 10/08/97)			
RIDGEWAY ARIZONA OIL 9-21 RIDGEWAY STATE API 02-001-20309	21-9N-31E SW NE 1980 FNL 1980 FEL	WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB; LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E 10 1/2 MI E-NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG. RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2 GTS(AMT NOT RPTD); 2686 TD, (TD REACHED: 03/16/97); PROD TEST(S): PERF (GRANITE WASH), F 572 MCFD, 48/64 CK, TP 95, PERF (GRANITE WASH), F 997 MCFD, 48/64 CK, TP 100, ... 2686 TD, SI-WOE (LDIR 10/08/97)			
RIDGEWAY ARIZONA OIL 10-26-29 RIDGEWAY STATE API 02-001-20315	26-10N-29E NW SW 2260 FSL 1206 FWL	WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB; LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG. RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), SI-WOE (LDIR 10/08/97)			
RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308	22-10N-30E SW SW 660 FSL 660 FWL	WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG. RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2265 TD, (TD REACHED: 03/27/97); ... 2265 TD, SI-WOE (LDIR 10/08/97)			
RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311	16-10N-31E NE SW 1980 FSL 1980 FWL	WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG. RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD. 2798 TD, (TD REACHED: 04/17/97); ... 2798 TD, WOCT (LDIR 10/08/97)			
RIDGEWAY ARIZONA OIL 12-16-28 RIDGEWAY STATE API 02-001-20314	16-12N-28E NW NE 1215 FNL 1991 FEL	WILDCAT; PERMIT #902; 2150 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6001 KB; LOCATION DATA: 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC 15-12N-29E 2 MI SW ST JOHNS, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG. RIG #124 RIG SUB:13; SPUD: 05/21/97 CSG: RAN PROD CSG; 2274 TD, (TD REACHED: 05/25/97); ... 2274 TD, SI-WOE (LDIR 10/08/97)			

MOHAVE COUNTY

PREMCO WESTERN 1-10 MOHAVE COUNTY API 02-015-20029	10-41N-11W NE SE 2353 FSL 510 FEL IC 20157000195	WILDCAT; 8500 CAMBRIAN, (FR 09/11/95FM) OPER ADD: BOX 496568, GARLAND, TX, 74049-8568 PHONE (214) 341-7010; EL: 3090 GR; LOCATION DATA: 24 MI S-SW VIRGIN FLD(UTAH/NACHOE) 9 MI SE ST GEORGE, UT; PLAN SPUD NOV-1-1995; TO BE VERTICALLY DRILLED.	WF
■ CONTR: LAYNE-WESTERN; SPUD: 11/30/95, CSG: 18 @ 80, 10 3/4 @ 240 W/5 CU YD; DRLG COMMENTS: ORIGINALLY DRILLED TO 1000 FT AND SHUT-IN '95-96, HOLE CAVED-IN, DRLG RESUMED FROM 80 FT SEPT '97 DRLG PROBLEMS RIG UNABLE TO RUN 40 FT 8 5/8 CSG LENGTHS AS PLANNED TO 850 FT, HOLE CAVING IN WHILE OPERATIONS SUSPENDED, ... @ 380, SI (LDIR 10/08/97)			

903



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

October 6, 1997

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Dear Mr. White:

Our records continue to show that Ridgeway Arizona Oil Corporation remains out of compliance with its obligation to (1) file copies of all gas analyses reported in your letter of September 5, 1997; (2) plug and abandon the Plateau Cattle #1A well; and (3) report complete testing results for all perforated intervals in all wells drilled and perforated in 1997, including the testing reported in News Releases by Ridgeway Petroleum Corporation in April, May, and June 1997.

Please be advised that pursuant to A.R.S. § 27-527(B) each operator is required to file a full, true, and correct record of its operations.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Marc T. Steadman, Office of Attorney General



Ridgeway
Arizona Oil Corporation

September 22, 1997

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, su.100
Tucson, Arizona 85701

903

Dear Mr. Rauzi

Enclosed you will find notices requesting temporary abandonment status for all of our wells.

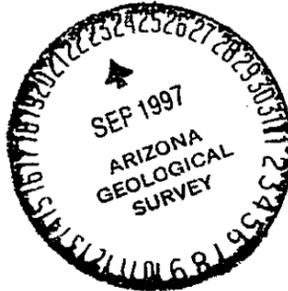
If there are any questions please advise

Sincerely,

Thomas White
Production Manager R.A.O.C.

cc. Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General
Walter Ruck

Rauzi.9-22-97



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

September 8, 1997

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Dear Mr. White:

This will acknowledge your letter of September 5 with a second copy of our Form 18 dated July 25 for the 22-1X (Permit 888) well attached. Please note that Ridgeway Arizona Oil Corporation is required to submit a copy of the gas analyses that you reported were taken at various wells and which were composited and used for the percentages of CO₂, N₂, and Helium that are reported on our Form 18. A copy of the gas analysis we have on file is enclosed. It is this type of substantiating gas analyses that Ridgeway is required to file.

Regarding your letter of September 4, please note that operators are required to (1) explain why temporary abandonment is necessary and (2) file a description of the current mechanical condition of the well including casing and perforation record before this office may consider the request. Our files show that no record has been submitted for the 9-22-29 (Permit 898) well. This office understands that testing and stimulation testing of this well started in April or May. Ridgeway is required to file a full, true, and correct record of its testing operations

Our records show that we have received no response to our letter of August 12, 1997, about the status and your plans for the 11-21 (Permit 895), 12-15-30 (Permit 900), 12-16-28 (Permit 902), 10-26-29 (Permit 903), and 9-22-29 (Permit 898) wells.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure

- c Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Marc T. Steadman, Office of Attorney General
Walter B. Ruck, President, Ridgeway Petroleum Corporation



September 4, 1997

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, su.100
Tucson, Arizona 85701

903

Re: Tempory Abandon Status for wells # , 12-16-28, 10-26-29, 9-22-29

Dear Mr. Rauzi

We are requesting Permission to place wells # 12-16-28 (Permit 902), 10-26-29 (Permit 903), 9-22-29 (Permit 898), on temporary abandon status.

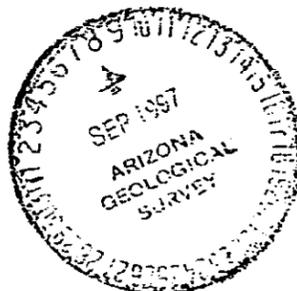
Mr Rauzi we would also like to request permission to make phone contact in lue of a written notice 10 days prior to re-entry (R12-7-125.D.). Due to the fact that the majority of our service companies come from out of state.

Sincerely,

A handwritten signature in cursive script, appearing to read "Thomas White".

Thomas White
Production Manager R.A.O.C.

cc. Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General
Walter Ruck
Rauzi.9-4-97



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



RESERVOIRS, INC.

2057 COMMERCE DRIVE

MIDLAND, TEXAS 79703

(915) 699-2468

FAX (915) 699-2464

CONVENTIONAL AND SPECIAL CORE ANALYSIS
GAS & LIQUID ANALYSIS • OIL FINGERPRINTING
GEOLOGICAL ANALYSIS • CLASTICS/CARBONATES
SINGLE WELL/FIELD/REGIONAL STUDIES
WELL COMPLETION/STIMULATION STUDIES
ENVIRONMENTAL SERVICES

TRANSMITTAL OF GEOLOGICAL SAMPLES

Ship To: **ARIZONA GEOLOGY SURVEY**

416 WEST CONGRESS SUITE 100

TUCSON, ARIZONA 85701

ATTN: STEVE RAUZI

From: **RESERVOIRS, INC.**

2057 COMMERCE DRIVE

MIDLAND, TEXAS 79703

(915) 699-2468 office

(915) 699-2464 fax

Operator: **RIDGEWAY ARIZONA**

Well Name: _____

County: _____

*file
903*

STATE 10-22

STATE 11-21

STATE 10-26

PLATEAU CATTLE COMPANY 22-1X

SIDE WALL CORE

SIDE WALL CORE

SIDE WALL CORE

SIDE WALL CORE

STATE 11-21

PLUGS & END TRIMS

STATE 11-21

7 BOXES OF SLAB

Shipped Via: **VIKING**

By: **Jeff Craig**

Date: **9-2-97**

Received By: SL Rauzi

Date: 9-5-97

Please return copy of Transmittal to above listed address.



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

September 2, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

file 903

Dear Mr. Riggs:

This will acknowledge receipt of our Form 18 dated July 25 reporting the absolute open flow for the 3-1 (Permit 884) and 22-1X (Permit 888) wells. The percentages of carbon dioxide, nitrogen, and helium reported on these forms do not match gas analyses currently on file with this office.

Please note that Ridgeway Arizona Oil Corporation is required to submit the gas analyses substantiating the percentages reported on our Form 18.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with its obligation to: (1) file all gas analyses; (2) submit Weekly Progress Reports for each well in its current testing operations; and (3) submit application to plug and abandon or document mechanical integrity of and obtain written permission to temporarily abandon its 12-15-30 (Permit 900), 12-16-28 (Permit 902), 10-26-29 (Permit 903), and 9-22-29 (Permit 898) wells.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 29, 1997

Mr. Don Riggs
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

file 903

Dear Mr. Riggs:

This will acknowledge receipt on August 25, 1997, of the following analyses, core chips, and wireline logs.

Analyses by Reservoirs Inc.	Analyses by Baker Oil Tools	Core chips
<u>888 (22-1X)</u> Conventional core 1296-1640' No sidewall core analyses received	<u>895 (11-21)</u> DST1: 1610-1664' DST2: 1665-2410'	<u>888 (22-1X)</u> : 1296-1356' No cuttings samples received
<u>895 (11-21)</u> 15 sidewall cores 1681-2372' No conventional core analyses received	<u>896 (10-22)</u> DST1: 1428-1490' DST2: 1575-1790' DST3: 2054-2265'	<u>895 (11-21)</u> : No cuttings samples received
<u>896 (10-22)</u> 22 sidewall cores 1482-2235'	<u>897 (9-21)</u> DST1: 1860-1964' DST2: 1963-2160' DST3: 2590-2694'	
<u>897 (09-21)</u> Conventional core 1930-2160' Conventional core 2642-2693'		

Wireline logs by Schlumberger

<u>888 (22-1X)</u> Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog	<u>895 (11-21)</u>	Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog FMI LQC LOG
<u>896 (10-22)</u> Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog Natural Gamma Tool	<u>987 (9-21)</u>	Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog
<u>898 (09-22-29)</u> Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog Combinable Magnetic Resonance Tool	<u>899 (10-16-31)</u>	NO LOGS RECEIVED
<u>900 (12-15-30)</u> Compensated Neutron Log Digital Array Sonic Log	<u>901 (13-36-29)</u>	Platform Express Porosity-Lithology Platform Express Array Induction Platform Express Microlog
<u>902 (12-16-28)</u> Gamma Ray	<u>903 (10-26-29)</u>	Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog

Please note that analyses for the sidewall core on the 22-1X and conventional core on the 11-21, cuttings samples for the 22-1X and 11-21, and wireline logs for the 10-16-31 were not received.

Sincerely,

Steven L. Rauzi
Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 12, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Dear Mr. Riggs:

According to records submitted to this office by Ridgeway Arizona Oil Corporation, drilling operations have been suspended for at least 60 days on Ridgeway's 11-21 (Permit 895), 12-15-30 (Permit 900), 12-16-28 (Permit 902), and 10-26-29 (Permit 903) wells. No record has been submitted for the 9-22-29 (Permit 898) well.

Please be advised that when drilling, injection, or production operations have been suspended for 60 days, rules require a well to be plugged and abandoned unless the operator documents the mechanical condition and integrity of the wells and obtains written permission for temporary abandonment from the Oil and Gas Conservation Commission.

As a result, Ridgeway Arizona Oil Corporation is now required to (1) advise this office in writing when and how you plan to plug these wells or (2) provide a written explanation why the Commission should grant temporary abandonment status to the wells.

If any of these wells have been perforated, tested, or stimulation tested, please submit an explanation in writing why this has not been reported to this office as required by State law.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c J. Dale Nations, Chairman, Oil and Gas Conservation Commission
Larry D. Fellows, Director and State Geologist
Office of Attorney General

8-5-97 Don Riggs calls.

Regarding my letter of July 28 - What logs do we need?

I advise all logs on all wells. I have 11-21X & 10-22

I recall he gave me 10-22 logs @ ASLD mtg on 4-1-97.

These were the last logs we received.

He advised we are on Schlumberger's distribution list.

Schlumberger informed him all logs were sent to me.

I advised none have been received.

He said they are floating around somewhere in the mail.

He will have them send again by special courier & have someone sign.

I advise that's fine.

903



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 4, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Dear Mr. Riggs:

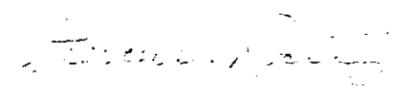
Thank you for sending the Sundry Notices of July 28 reporting the spud date, total depth date, and total depth for some of your wells. These reports, however, do not provide the drilling record required by this office.

Please be advised that this office requires a drilling record that clearly states the pertinent details and dates of all operations that ultimately affect the well, conservation of resources, public health and safety, and the environment. This would include at a minimum a record of (1) daily footage with brief description of daily activity, i.e. drilling, running casing, testing, logging, etc.; (2) individual intervals of lost circulation or uncontrolled flows; (3) amount and type of any lost circulation material or diesel fuel added to the mud; (4) number of cored intervals including recovery and brief description of each individual core; (5) number of DST's including a description of pressures and recoveries of each individual DST interval; and (6) wireline logs and sidewall cores run.

Some of the Sundry Notices you sent reported perforated intervals but did not report initial pressure and flow results. Please be advised that this office requires the Sundry Notice to clearly state all pertinent details including date each individual interval was perforated and pressure and flow results before and after stimulation.

Please note that the drilling record for the 11 wells drilled by Ridgeway in 1997 are past due.

Sincerely,


Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General

R I D G E W A Y
RIDGEWAY AZ OIL CORP.

July 28, 1997

Arizona Geological Survey
416 W. Congress
Suite 100
Tucson, AZ 85701

903

Attn: Mr. Steve Rauzi

RE: Sundry Notices/Reports

Dear Mr. Rauzi:

Enclosed please find the Sundry Notices and Reports on Wells, for Ridgeway AZ Oil Corp. for wells State 22-1X, State 11-21, State 10-22, State 9-21, State 10-16-31, State 12-15-30, State 12-16-28, and State 10-26-29

If you have any questions regarding this matter, please advise.

Sincerely,

C. Tanner

Carmen Tanner
Office Manager

CT:ct

Enclosures

Rauzi.7-28-97

Missing Sundry Notice for:

9-22-29 (898) - May 21 PR rpt. stim + test 5 zones
over 15 days. Free tanks on loc 5/31
13-36-29 (901)
15-28-29 (904)





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 28, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Dear Mr. Riggs:

In response to your phone call about expired permits 890, 891, 892, and 893, please be advised that extensions may be considered after we receive your request certifying in writing that the wells will be drilled in accordance with the drilling prognosis and all conditions and notification requirements of the original permits.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with Commission rules in several areas. Ridgeway is not in compliance with its obligation to: (1) plug the 22-1 State (885) and Plateau Cattle 1A (883) wells; (2) post identifying signs at each well; (3) file samples on the 22-1X (888) and 11-21 (895) wells; (4) file logs, tests, core chips, and analyses; (5) report the stimulation of any well within 15 days of the stimulation; and (6) submit sundry reports detailing operations from spud date to current status for each of the 11 wells drilled by Ridgeway in 1997.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 16, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

903

Dear Mr. Riggs:

As we previously discussed, rules of the Arizona Oil and Gas Conservation Commission require operators (1) to conduct a test to determine the reservoir pressure on the discovery well of any new pool and (2) to determine the open flow capacity of each new producing gas well. The open flow capacity is to be submitted on our Form 18, Multipoint and One Point Back Pressure Test for Gas Well, several copies of which are enclosed for your convenience. These reports are now due for the Plateau Cattle 1 (880), 3-1 (884), and 22-1X (888) wells.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with Commission rules in several areas. Ridgeway is not in compliance with its obligation to: (1) plug the 22-1 State (885); (2) post identifying signs at each well; (3) file samples on the 22-1X (888) and 11-21 (895) wells; (4) file logs, tests, and analyses; (5) report the stimulation of any well within 15 days of the stimulation; and (6) submit sundry reports detailing operations from spud date to current status for each of the 11 wells drilled by Ridgeway in 1997.

Note that the temporary abandonment status for the 1A Plateau Cattle (883) has expired. As a result, advise this office as soon as possible when and how you plan to plug it.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General

LC MRC, [unclear]

Ridgeway expands drilling to 12 wells ⁹⁰³



Photo by Art Harrington

Ridgeway Petroleum president Walter B. Ruck, (rt.) has announced the company will drill 12, instead of 10, delineation wells. Don Riggs, manager of Ridgeway Arizona, is also pictured.

ST. JOHNS — Walter B. Ruck, president of Ridgeway Petroleum, announced Thursday in St. Johns that the Calgary-based company's 10-well delineation drilling program has been expanded to 12 wells. The company's president and chairman of the board was in Arizona to meet with staff and to personally check on the progress being made in defining the company's highly-successful CO₂ discovery in southern Apache County.

"Every CO₂ field has been discovered by accident," he said. "We initially came here searching for oil." The tip-off for Ridgeway had been the published results of the geothermal drilling done several years ago at Alpine, which had been funded by the United States Department of Energy. While Ruck still believes oil may be found in the area, the company's initial drilling discovered a vast reservoir of carbon dioxide gas instead. Ruck explained that it seems to be found where there has been contact between volcanic deposits and wet

limestone. "The fields are typically very large when you find them," he said. "But you may drill hundreds of wells searching for the gas and never find it." So far the gas has been found in every well Ridgeway has drilled here.

California petroleum and food industries all need CO₂ badly, Ruck explained, since no natural reservoirs of it have ever been discovered there. The demand is such that there appears to be substantial interest in constructing a pipeline which would likely carry the liquefied and pressurized gas from southern Apache County to Bakersfield, Cal. Ruck estimates it would cost between \$200-250 million to build such a pipeline.

The Arizona Oil and Gas Commission has decided to hold its annual meeting on June 13 in St. Johns at Ridgeway's offices. According to Ruck, the meeting is kind of snowballing. At least four pipeline companies have notified him they plan to come,

along with representatives of a number of major oil companies. Ruck expects some important decisions about the future of Ridgeway's project may be made at that time.

Ruck cautioned, "We're not a panacea for the area." He noted that the local unemployment rate will not be reduced much by the CO₂ development, since most of the work is so specialized it requires bringing in highly-trained and experienced personnel. On the other hand, he admitted, he believes the development will ultimately be good for the area. It is already infusing money into the local economy. The company now has a large drilling rig and a service rig, or completion unit, in addition to all of the other well services which have come in to assist in the exploration. "It is also an environmentally clean industry, when compared to other oil and gas exploration," he said.

What about the helium content? According to Ruck, it has been significant, testing between .65 and .70 percent. By comparison, he said, most of the helium being commercially extracted tests at less than .30 percent. Consequently, the construction of a helium extraction plant is still a possibility, he said, "But it would be expensive — probably \$35-40 million." Interestingly enough, the United States produces 95 percent of the world's helium.

The president said the company will be going to faster air drilling for the remainder of the planned wells. He said the down side is that it is impossible to core or to get the quality of samples which can be obtained by mud drilling. "We did enough coring and drill-stem testing on the first wells, though, that we can stand the air drilling on the remaining wells," he said.

The wells drilled thus far have ranged from 1,800 to 3,150 feet. "As we go further north," Ruck said, "the wells may go down to 4,500." The required depth can vary as much as 450 feet, due to surface elevation differences. All of the wells are now being taken down to the granite.

MAY 15, 1997

NIAKUK

BP Expl (Alaska) Inc. "Niakuk" NR-25 50-029-22760
 36-12N-15E UM, Fr SE cor 1371'N 656'W(Surface)
 33-12N-16E UM, Fr SE cor 1938'N 1229'W(est.BHL)
 S-04/26/97(9ool Arctic #7) Directional Map:AL-5
 ??? Drilling, no details.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-19 Directional
 14-12N-14E UM, Fr SE cor 5236'N 4054'W(Surface)
 1-12N-14E UM, Fr SE cor 3889'N 2501'W(est.BHL)
 50-029-22765 S-05/05/97(Doyon Drlg #14) Map:AL-4
 1000+ Issued permit #97-79 on 5/5/97. Drilling
 ahead.

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 18-15B Map:AL-5
 19-11N-15E UM, Fr SE cor 4466'N 4642'W(Surface)
 19-11N-15E UM, Fr NW cor 1898'S 4760'E(BHL)
 19-11N-15E UM, Fr SE cor 3177'N 2097'W(est.BHL-RD)
 19-11N-15E UM, Fr NE cor 2976'S 771'W(est.BHL-RD2)
 20c.110 13-3/8c.2686 9-5/8W.8175 7c.8095-9545
 4-1/2c.9460-10110 50-029-21755-02 Directional
 (Nabors Drlg #2ES) Rsm-3pm, 5/1/95 Rig rel-5/20/95
 (Rowan Drlg #141) S-10/1/87 Rig rel-11/3/87
 11230 RD16110 Issued permit #97-72 on 5/5/97 for
 redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
 31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
 32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
 32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
 13-3/8c.2693 9-5/8W.???? 7c.???? 50-029-20779-01
 (Alaska United #2) S-8/27/82 Rig rel-9/17/82
 Rsm-04/16/97(Doyon Drlg #141) Directional
 10085 RD7777 Redrilled below 9900', no details.
 Released rig 5/5/97. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" D-23A
 23-11N-13E UM, Fr NE cor 1440'S 1692'W(Surface)
 24-11N-13E UM, Fr SW cor 2249'N 2506'E(BHL)
 24-11N-13E UM, Fr NW cor 5125'S 4014'E(BHL-RD)
 13-3/8c.2717 9-5/8W.???? 7c.???? 50-029-20738-01
 (Alaska United Drlg #2) S-1/11/83 Rig rel-1/31/83
 (Doyon Drlg #16) Rsm-12/5/96 Rig rel-12/29/96
 Rsm-04/15/97(Doyon Drlg #141) Directional
 13055 FVD9014 Resumed 4/15/97 for redrill.
 Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" K-09B
 4-11N-14E UM, Fr NW cor 2113'S 493'E(Surface)
 5-11N-14E UM, Fr NE cor 4030'S 2287'W(BHL)
 5-11N-14E UM, Fr SE cor 490'N 2790'W(est.BHL-RD)
 5-11N-14E UM, Fr SE cor 3587'N 3831'W(est.BHL-RD2)
 20c.110 13-3/8c.2675 9-5/8W.7594 50-029-21736-02
 (Doyon Drlg #9) Rsm-2pm, 11/25/94 Rig rel-12/13/94
 (Nabors Drlg #18E) S-8/24/87 Rig rel-9/9/87
 Rsm-05/10/97(Doyon Drlg #16) Directional
 10037 RD9936 Issued permit #97-86 on 5/7/97
 Resumed 5/10/97 for redrill #2. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" M-05AL1
 1-11N-12E UM, Fr NE cor 3078'S 605'W(Surface)
 12-11N-12E UM, Fr NE cor 2914'S 345'W(BHL)
 11-11N-12E UM, Fr SE cor 3426'N 4067'W(est.BHL-RD)
 11-11N-12E UM, Fr SE cor 3426'N
 4067'W(est.BHL-RD-lateral) 50-029-20194-61
 20c.100 13-3/8c.2695 9-5/8c.11664 7c.11990
 (Nabors Drlg #18E) S-2/12/76 Comp-4/18/76
 Rsm-05/11/97(Nabors Drlg #2ES) Directional
 12701 Pgl1680 Issued permit #97-81 on 5/7/97.
 Resumed 5/11/97 for redrill #1. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B
 31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface)
 12-10N-12E UM, Fr NE cor 2319'S 3505'W(BHL)
 12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD)
 16-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2)
 20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02
 (Alaska United #2) S-9:45am, 3/20/91 Rig rel-4/18/91
 (Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96
 (Doyon Drlg #9) Directional Map:AL-4
 15-60 RD11391 Active, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-43L1
 35-12N-12E UM, Fr SE cor 4211'N 4503'W(Surface)
 26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL)
 26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL-L1)
 50-029-22754 S-05/05/97(Nabors Drlg #18E)
 Directional Map:AL-4
 ??? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Y-09A
 33-11N-13E UM, Fr NE cor 1387'S 98'W(Surface)
 4-10N-13E UM, Fr NE cor 596'S 54'W(BHL)
 4-10N-13E UM, Fr SE cor 442'N 1632'W(est.BHL-RD)
 13-3/8c.2686 9-5/8c.10221 7c.11150 50-029-20579-01
 (Vanguard #2) S-6/14/81 Rig rel-7/4/81 Map:AL-4
 Directional
 11162 Issued permit #97-83 on 5/7/97 for redrill
 #1.

OTHER WESTERN STATES

ST JOHNS
 *Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
 16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
 8-5/8c.875 4-1/2c.2798aprx State Lease 13-101-540
 (Aztec Well Service) S-4/7/97 Rig rel-4/17/97
 Rsm-05/01/97(Aztec Well Service) elev:7246'GR
 2400'-est.td (NFW)
 2798 Cntd 4-1/2" csg at aprx.2798'. Released rig
 5/7/97.

*Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
 26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
 8-5/8c.1118 4-1/2c.3200 State Lease #13-101-533
 S-04/18/97(Aztec Well Service) elev:6932.5'GR
 2300'-est.td (NFW)
 3200 Drilled to TD. Cntd 4-1/2" csg at 3200'.
 Released rig 5/1/97.

*Ridgeway Arizona Oil Corp "State" 12-15-30 Map:AZ
 15-12N-30E, Fr SW cor 1980'N 1980'E 02-001-20312
 8-5/8c.1280 S-05/08/97(Aztec Well Service) (NFW)
 State Lease 13-101-545 elev:6712'GR 2400'-est.td
 1285 Cntd 8-5/8" csg at 1280'. Drilling ahead.

DIXIE VALLEY

Oxbow Geothermal Corp. "33" 37-33 27-001-90240
 33-25N-37E, SE-1/4 SW-1/4 Map:NV
 20c.1350 S-05/01/97(VECO Drlg Co #10)
 3772 Drilling.

GHOST RANCH

NYE COUNTY
 Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
 35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
 (Federal Lease N-42341) 5000'-est.td Map:NV
 4696 Tested 152 B/D oil, 242 B/D water. Working on
 sealing off water from another zone.

LATHROP WELLS

*Westek Resources, Inc. "Wheeling" 1 Map:NV (NFW)
 13-16S-51E, Fr NE cor 2100'S 950'W
 (Federal Lease N-61369)
 Filed notice of staking.

RAILROAD VALLEY

*Pioneer Oil & Gas Co. "Timber Mountain Unit" 13-14
 13-6N-56E, Fr SW cor 660'N 660'E 27-023-05529
 ?c.???? S-8:30am-06/27/95(Cardinal Drlg Co #12)
 Federal lease N-42199 elev:4795'GR 4500'-est.td
 3943 Plugged and ABANDONED 2/23/95. (Corrected
 report). Map:NV Status:DRY-09/23/95 (NFW)

SANS SPRING

Big West Oil & Gas, Inc. "Sans Spring" S-14A Map:NV
 14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546
 S-04/02/97(Caza Drlg #3) (Federal Lease N-47646)
 elev:4708'GR 5636'-est.td
 ??? Released rig 4/14/97. Will move in Colorado
 Wel Service rig when finished at Ghost Ranch.

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 05/14/97**

PAGE 9

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

<p>RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310</p>	<p>22-9N-29E SW SE 1091 FSL 2674 FWL</p>	<p>WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.</p>	<p>WF</p>
<p>■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 3180 TD, (TD REACHED: 04/06/97); ... 3180 TD, PERFIN (LDIR 05/13/97)</p>			
<p>903 RIDGEWAY ARIZONA OIL 10-28-29 RIDGEWAY STATE API 02-001-20315</p>	<p>26-10N-29E NW SW 2260 FSL 1206 FWL</p>	<p>WILDCAT; PERMIT #893; 2300 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB; LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.</p>	<p>WF</p>
<p>■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), TSTG (LDIR 05/13/97)</p>			
<p>RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308</p>	<p>22-10N-30E SW SW 660 FSL 660 FWL</p>	<p>WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.</p>	<p>WF</p>
<p>■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMCS WASH), REC CO2 GTS; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2265 TD, (TD REACHED: 03/27/97); ... 2265 TD, TSTG (LDIR 05/13/97)</p>			
<p>RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311</p>	<p>16-10N-31E NE SW 1980 FSL 1980 FWL</p>	<p>WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.</p>	<p>WF</p>
<p>■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD. 2798 TD, (TD REACHED: 04/17/97); ... 2798 TD, WOCT (LDIR 05/13/97)</p>			
<p>RIDGEWAY ARIZONA OIL 12-15-30 RIDGEWAY API 02-001-20312</p>	<p>15-12N-30E NE SW 1980 FSL 1980 FWL</p>	<p>WILDCAT; PERMIT #900; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 6725 KB; LOCATION DATA: 5 MI E UNNAMED FLD(FORT APACHE)CO2 GAS DISC 15-12N-29E 10 1/2 MI E-SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.</p>	<p>WF</p>
<p>■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 05/07/97 CSG: 4 1/2 @ 2595; 2595 TD, (TD REACHED: 05/12/97); ... 2595 TD, WOC (LDIR 05/13/97)</p>			

COLORADO

GARFIELD COUNTY

<p>BARRETT RESOURCES RMV 201-20 CLOUGH FEDERAL API 05-045-07122</p>	<p>20-6S-94W SW NE 1386 FNL 2274 FEL</p>	<p>RULISON; PERMIT #96-872; 7616 WILLIAMS FORK, PROJ TVD: 7545, (FR 12/09/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 606-4071; EL: 5481 GR; LOCATION DATA: 7 MI W-SW RIFLE, CO; TO BE DIRECTIONALLY DRILLED. PBHL: 632 FT; 622 N 114 E; 764 FNL 2160 FEL SW NW NE 20-6S-94W;</p>	<p>D</p>
<p>■ CONTR: NABORS DRLG USA, RIG #457; SPUD: 04/22/97, CSG: 9 5/8 @ 899 W/550 SX, COND @ 43; ... DRLG 7128 (LDIR 05/13/97)</p>			
<p>BARRETT RESOURCES GM 22-1 UNOCAL API 05-045-07147</p>	<p>1-7S-96W SE NW 1880 FNL 2175 FWL</p>	<p>GRAND VALLEY; PERMIT #97-76; 6650 WILLIAMS FORK, (FR 02/04/97DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 5488 GR; LOCATION DATA: 1 MI N PARACHUTE, CO; TO BE VERTICALLY DRILLED.</p>	<p>D</p>
<p>■ CONTR: NABORS DRLG USA, RIG #414; SPUD: 04/27/97, CSG: 9 5/8 @ 321 W/275 SX; ... DRLG 6510 (LDIR 05/13/97)</p>			
<p>BARRETT RESOURCES GM 201-4 FEDERAL API 05-045-07119</p>	<p>4-7S-96W NW NE 466 FNL 2236 FEL</p>	<p>GRAND VALLEY; PERMIT #96-865; 6582 WILLIAMS FORK, (FR 12/05/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 606-4071; EL: 5688 GR; LOCATION DATA: 3 1/2 MI W-NW PARACHUTE, CO; TO BE VERTICALLY DRILLED.</p>	<p>D</p>
<p>■ CONTR: NABORS DRLG USA, RIG #488; SPUD: 04/19/97, CSG: 9 5/8 @ 321 W/175 SX, 4 1/2 @ 6544 W/1025 SX; 6552 TD, (TD REACHED: 05/06/97); ... 6552 TD, WOCT (LDIR 05/13/97)</p>			
<p>BARRETT RESOURCES GM 42-4 FEDERAL API 05-045-07131</p>	<p>4-7S-96W SE NE 2026 FNL 526 FEL</p>	<p>GRAND VALLEY; PERMIT #96-902; 6600 WILLIAMS FORK, (FR 12/13/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 5755 GR; LOCATION DATA: 3 MI W-NW PARACHUTE, CO; TO BE VERTICALLY DRILLED.</p>	<p>D</p>
<p>■ CONTR: NABORS DRLG USA, RIG #488; SPUD: 05/10/97, CSG: 9 5/8 @ 322 W/175 SX; ... DRLG 1880 (LDIR 05/13/97)</p>			

Stock soars on drilling discoveries

Art Harrington
The Observer

file 903

APACHE COUNTY — Southern Apache County is making international news with the discovery of its vast CO₂ resources. Consequently the stock of developer Ridgeway Petroleum Corporation continues to climb.

Drilling by Aztec Well Service, contracted by Ridgeway, began on February 12 to prove up the carbon dioxide gas reserves which had been estimated at four-to-five trillion cubic feet. The huge rigs have lost no time in completing seven wells and are now working on the eighth.

According to information *The Observer* has been able to discover, the company has hit CO₂ in each of the wells drilled. This would seemingly indicate widespread deposits, since drilling thus far has been reported in areas from north of St. Johns to just northeast of Springerville.

The discovery has not escaped the attention of the stock market. Ridgeway Petroleum stock (symbol RGW) has moved this year from a low of \$.92 per share to a high of \$7.35 (Canadian). On Friday it closed at \$5.55, having traded as high as \$5.75 that day.

On Monday trading of the stock on the Vancouver exchange was temporarily halted. It was resumed after the company announced a blowout on the #6 well had been contained. With that being an indicator of an even greater reservoir, the stock closed on Monday at \$6.00.

Ridgeway was incorporated February 22, 1980 as Brent West Minerals. It continued doing business under that name until February 26, 1990, when it became Ridgeway Petroleum Corp. Its

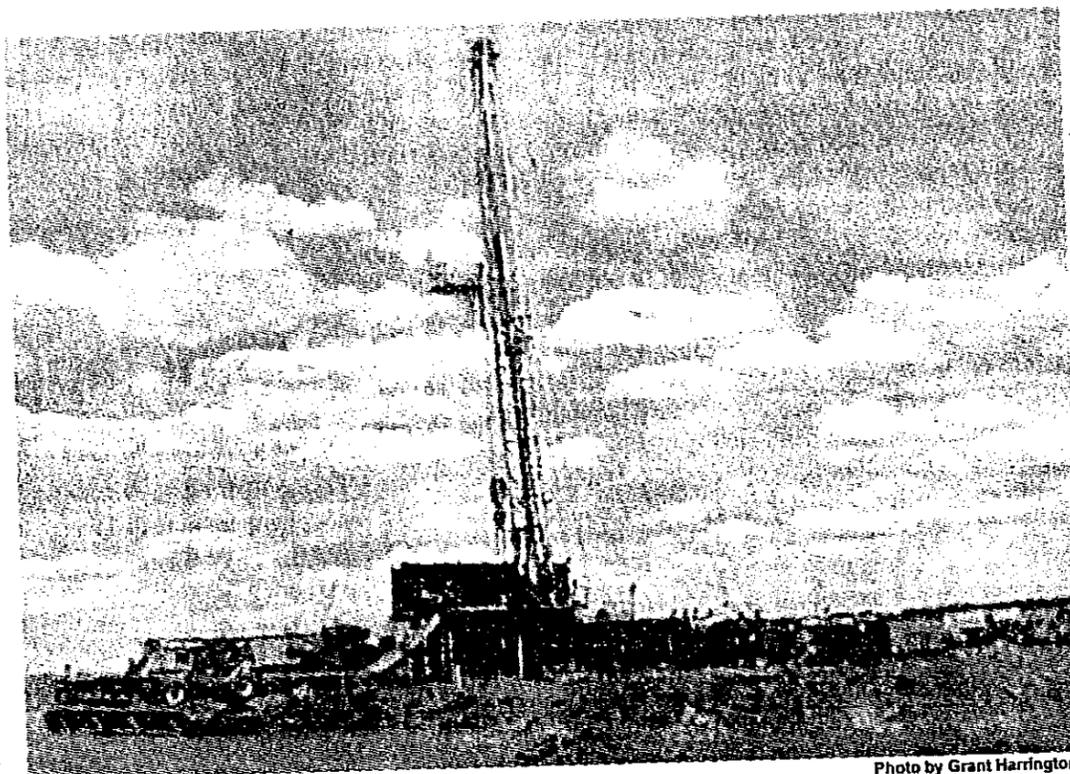


Photo by Grant Harrington

Drilling in southern Apache County has revealed immense deposits of CO₂. Ridgeway Petroleum, the developer, has realized spectacular increases in its stock since the news of the discoveries has reached investors. The rig pictured above costs over \$1 million dollars. It has a crew of eight which man it with 12-hour shifts, so the rig can keep drilling 24-hours a day.

home office is in Calgary, Alberta, Canada. The primary business of the company is the extraction of oil and gas, with a secondary interest in diamonds. As of May 2, 11,061,829 of its authorized 25,000,000 shares had been issued. The volume traded on that day was 12,700.

Ridgeway President Walter Ruck also announced on May 2 that a 4,800,000 special warrant brokered private placement through Yorkton Securities had closed. Gross proceeds of \$16,800,000 were received, of which approximately \$10 million was being held in escrow, pending the advancement of the company's previously announced transaction involving Arizona Resources In-

dustries.

Is there a market for such CO₂ resources? Without a doubt. The largest consumer of CO₂ is the petroleum industry, which uses the gas to help force otherwise unretrievable oil deposits into collectable pools. The Permian Basin in west Texas and eastern New Mexico, for example, uses in excess of 1.4 billion cubic feet per day in its oil recovery operations. The hundreds of other uses for CO₂ include a diversity ranging from food processing, carbonation of beverages and water purification, to flash freezing.

How would the product be moved? According to information *The Observer* has been able to glean, resources of two trillion cubic feet would justify the construc-

tion of a pipeline to oilfields in California or Texas. The company has apparently proven with its wells drilled thus far that more than adequate reserves exist to begin planning for a pipeline.

Our information also indicates that a number of major players in the industry are actively involved in bidding on the gas. Names such as Chevron and Cal Resources continue to surface.

Also previously reported has been the discovery of helium, along with the CO₂. While the quantity of helium has yet to be determined, *The Observer* understands Ridgeway is also evaluating the possibility of building a helium extraction plant in southern Apache County.

May 8, 1997

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-33A Map:AL-4
11-10N-15E UM, Fr SW cor 215'N 821'E(Surface)
11-10N-15E UM, Fr SE cor 2419'N 576'W(BHL)
11-10N-15E UM, Fr NE cor 1357'S 2562'W(est.BHL-RD)
20c.110 13-3/8c.2506 9-5/8W.???? ?c.?????
50-029-21142-01 Rsm-04/19/97(Nabors Drlg #3S)
(Rowan Drlg #35) S-7/26/84 Rig rel-8/11/84
Directional
10937 RD????? Redrilled, details later. Released
rig 5/3/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 05-27A Map:AL-4
32-11N-15E UM, Fr SW cor 2144'N 1207'E(Surface)
4-10N-15E UM, Fr NW cor 2438'S 266'E(BHL)
4-10N-15E UM, Fr NE cor 2630'S 3844'W(BHL-RD)
20c.110 13-3/8c.3699 9-5/8c.9254 7W.???? ?c.?????
50-029-21979-01 Rsm-11/09/96(Nabors Drlg #3ES)
(Nabors Drlg #28E) S-10/5/89 Rig rel-11/9/89
Directional Status:OIL-11/20/96
13600 TVD8945 Recompleted oil well 11/20/96.

ARCO Alaska Inc. "Prudhoe Bay Unit" 11-31A Map:AL-4
33-11N-14E UM, Fr NE cor 77'S 119'W(Surface)
28-11N-15E UM, Fr NW cor 321'S 1938'E(est.BHL)
28-11N-15E UM, Fr SE cor 4285'N 3487'W(BHL-RD)
10-3/4W.???? ?c.????? 50-029-22509-01 Directional
(Nabors Drlg #28E) S-11pm,10/1/94 Rig rel-10/14/94
Rsm-12/04/96(Doyon Drlg #14) Status:OIL-12/31/96
12009 TVD8782 Recompleted oil well 12/31/96.

ARCO Alaska Inc. "Prudhoe Bay Unit" 18-21A Map:AL-5
19-11N-15E UM, Fr NW cor 1219'S 416'E(Surf)
29-11N-15E UM, Fr NW cor 302'S 1501'E(BHL)
29-11N-15E UM, Fr NE cor 1048'S 2618'W(BHL-RD)
13-3/8c.3800 9-5/8c.9876 7W.???? ?c.?????
50-029-21944-01 Rsm-02/22/97(Nabors Drlg #3ES)
(Nabors Drlg #28E) S-5pm,4/27/89 Rig rel-5/27/89
Directional Status:OIL-02/25/97
14073 TVD8729 Recompleted oil well 2/25/97.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
13-3/8c.2693 9-5/8W.???? 50-029-20779-01 Map:AL-4
(Alaska United #2) S-8/27/82 Rig rel-9/17/82
Rsm-04/16/97(Doyon Drlg #141) Directional
10385 Redrilling at 9875'.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" D-01A
23-11N-13E UM, Fr NE cor 2130'S 1067'W(Surface)
23-11N-13E UM, Fr SW cor 1980'N 1980'E(BHL)
23-11N-13E UM, Fr NE cor 3831'S 3765'W(est.BHL-RD)
13-3/8c.2650 7c.????? 50-029-20054-01 Directional
(Nabors Alaska #NB1) S-1/4/70 Comp-3/18/70
10100 Issued permit #97-78 on 4/30/97 for redrill
#1. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B
31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface)
12-10N-12E UM, Fr NE cor 2319'S 3505'W(BHL)
12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD)
36-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2)
20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02
(Alaska United #2)S-9:45am,3/20/91 Rig rel-4/18/91
(Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96
(Doyon Drlg #9) Directional Map:AL-4
15460 RD11391 Redrilled to 11391'. Running liner.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-43L1
35-12N-12E UM, Fr SE cor 4211'N 4503'W(Surface)
26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL)
26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL-L1)
50-029-22754 S-05/05/97(Nabors Drlg #18E)
Directional Map:AL-4
????? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
?c.????? 50-029-22735-60 Directional Map:AL-4
S-03/02/97(Nabors Drlg #18E)
????? Drilled, details later. Released rig 5/5/97.

OTHER WESTERN STATES STATE OF ARIZONA
ST. JOHNS APACHE COUNTY
Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
8-5/8c.875 S-04/07/97(Aztec Well Service) (NFW)
State Lease 13-101-540 elev:7246'GR 2400'-est.td
2798 Resumed drilling to TD. While preparing to
log, CO2 increased, followed by uncontrolled gas to
surface. Well has been controlled. Preparing to kill
well and run casing.

Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
8-5/8c.1118 S-04/18/97(Aztec Well Service) (NFW)
State Lease #13-101-533 elev:6932.5'GR
2300'-est.td
2300'aprx. Drilled. Ran csg to bottom. Released
rig, details later.

DIXIE VALLEY STATE OF NEVADA
Oxbow Geothermal Corp. "33" 37-33 27-001-90240
33-25N-37E, SE-1/4 SW-1/4 Map:NV
20c.1350 S-05/01/97(VECO Drlg Co #10)
3500 Drilling.

GHOST RANCH NYE COUNTY
Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Federal Lease N-42341) 5000'-est.td Map:NV
4696 Testing with Colorado Well Service rig.

LATHROP WELLS
Westek Resources, Inc. "Wheeling" 1 Map:NV (NFW)
13-16S-51E, Fr NE cor 2100'S 950'W
(Federal Lease N-61369)
Filed notice of staking.

SANS SPRING
Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546
S-04/02/97(Caza Drlg 63) (Federal Lease N-47646)
elev:4708'GR 5636'-est.td
????? Released rig 4/14/97. Will move in Colorado
Well Service rig when finished at Ghost Ranch.

Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NFW)
19-7N-57E, Fr SE cor 2000'N 100'W
(Federal Lease N-55475)
Notice of staking filed 1/28/97.

KYLE SPRING PERSHING COUNTY
Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
11-29N-36E, Fr SW cor 1033'N 769'E elev:4786.54'GR
4-1/2c.2500. S-11/06/96(Humboldt Drlg) Map:NV
Federal lease N-58388 2500'-est.td (NFW)
2622 Released rig 11/25/96. Perforated an
undisclosed interval. Waiting on a completion rig.

SAN EMIDIO WASHOE COUNTY
San Emidio Resources, Inc. "16" 76-16 Map:NV
16-29N-23E, Fr SE cor aprx.1650'N 990'W
S-05/05/97(Buckland Drlg #9R) #1)
200 Drilling.

MIST STATE OF OREGON
Enerfin Resources Northwest "Ccl" 32-27-65
27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322
7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB
2010 Clark/Wilson-est.td Map:OR
2084 Temporarily abandoned 9/20/96.

Munger Oilgram Resume

***** COMPLETIONS *****
SACRAMENTO VALLEY STATE OF CALIFORNIA
BUTTE SINK-NORTH COLUSA COUNTY
Donald C Slawson Expl Co Inc. "Butte Sink" 1-22
22-17N-1W MD, Fr SW cor 900'N 1300'E 04-011-20595
8-5/8c.400 4-1/2c.3050 (Irani Engineering) Map:6
S-04/20/97(Paul Graham Drlg #4) elev:67'KB Conf.
3675 TD Drilled. Logged. Cmtd 4-1/2" csg at
3050' Released rig 4/23/97. Completed gas well

SAN JOAQUIN VALLEY KERN COUNTY
BELRIDGE-SOUTH
Torch Operating Co. "Hopkins" 9-11 04-030-07990
9-29S-21E MD, Fr NE cor 1541'S 2384'W elev:660'KB
9-5/8c.1254 6-5/8Ld.1290 Map:75-6 Int:1254-1290'
S-04/29/97(Gary Drlg Co #7) Status:OIL (EXT)
1350 Pgl290 TD. Drilled. Logged. Cmtd 9-5/8" csg
at 1254'. Ran 6-5/8" lnr to 1290'. Released rig

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PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=
WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 22-9N-29E
9-22-29 RIDGEWAY SW SE
API 02-001-20310 1091 FSL 2674 FWL

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB;
LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD
FROM C SW. ELEV CHGD FROM 1746 GR.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 3180 TD, (TD REACHED: 04/06/97); ... 3180 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 21-9N-31E
9-21 RIDGEWAY STATE SW NE
API 02-001-20309 1980 FNL 1980 FEL

WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB;
LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE
3-11N-29E 10 1/2 MI E-NE SPRINGVILLE, AZ; TO BE VERTICALLY
DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2
GTS(AMT NOT RPTD); 2686 TD, (TD REACHED: 03/16/97); ... 2686 TD, WOCT (LDIR 05/06/97)

903 RIDGEWAY ARIZONA OIL 26-10N-29E
10-26-29 RIDGEWAY STATE NW SW
API 02-001-20315 2260 FSL 1206 FWL

WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157
COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), COMPLETING (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 22-10N-30E
10-22 RIDGEWAY STATE SW SW
API 02-001-20308 660 FSL 660 FWL

WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER WF
ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800)
347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT
APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY
DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS: 2265 TD, (TD REACHED:
03/27/97); ... 2265 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 16-10N-31E
10-16-31 RIDGEWAY NE SW
API 02-001-20311 1980 FSL 1980 FWL

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD.
2798 TD, (TD REACHED: 04/17/97); ... 2798 TD, RING PROD CSG (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 22-12N-29E
22-1X RIDGEWAY STATE SE NW
API 02-001-20301 1363 FNL 1713 FWL

UNNAMED; PERMIT #888; 2300 FORT APACHE, (FR 08/28/95FM) OPER WO
ADD: 1080-700 4TH AVE SW, CALGARY, AB, 00T2R-03J4 PHONE (505)
327-1378; EL: 8406 KB; LOCATION DATA: 1 MI S CO2
DISCOVERY-UNNAMED 15-12N-29E FLD 8 MI SE ST JOHNS, AZ; TO REPLACE
JUNKED HOLE #1; TO BE VERTICALLY DRILLED. PERMIT REISSUED:
08/28/96 WELL ID CHANGES: WELL NAME CHGD FROM STATE. FTG CHGD
FROM 1383 FNL 1723 FWL

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/11/97 CSG: 4 1/2 @ 2136; CORE # 1 (FORT APACHE) 1296-1696 NO RECOVERY;
SHOWS: FORT APACHE CO2 2145 TD, (TD REACHED: 02/20/97); ... 2145 TD, WOCT (LDIR 05/06/97)



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

May 6, 1997

Mr. Don Riggs
Vice President Operations
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

file 903

Dear Mr. Riggs:

I am writing to remind you of certain compliance requirements of this office with respect to your current drilling program. On April 8 I supplied you with several Sundry Notice forms for your use in providing this office with a weekly summary of wellsite activity, including completion testing, for your wells. To date, no weekly reports have been received. These reports are now due, pursuant to A.R.S. § 27-503, for your wells 22-1X, 11-21, 9-21, 10-22, 9-22-29, 10-16-31, and 10-26-29.

In order that our records be accurate and current, in accordance with Arizona statutes, I am enclosing several Sundry Notice Forms and again request your cooperation in bringing these reports up-to-date.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Administrator

Enclosures

c Walter B. Ruck

May 1, 1997

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ 22-9N-29E, Fr SW cor 1091'N 2674'E 02-001-20310 8-5/8c.1135 4-1/2c.3180 State Lease 13-101-536 S-9:30pm-01/30/97(Aztec Well Service) (NFW) elev:7178'GR 2400'-est.td 3180 Plan to perforate proven reserves, 42' of Fort Apache Zone, 122' of Amos Wash, and new deeper reserves 72' of Raven, 183' of Oak Creek and 146' of Granite Wash.

*Ridgeway Arizona Oil Corp "State" 10-22 Map:AZ 22-10N-30E, Fr SW cor 660'N 660'E 02-001-20308 8-5/8c.743 4-1/2c.2265 State Lease 13-100-215 S-03/19/97(Aztec Well Service) elev:6878'GR 2300'-est.td (NFW) 2265 Plan to perforate the proven reserves 30' of Fort Apache, 129' of Amos Wash, and the new deeper reserves of 6' of Oak Creek, 136' of Granite Wash. The main objective is the Amos Wash which flowed CO2 gas to surface on a DST with SIP of 410 psi.

*Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ 26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315 8-5/8c.1118 S-04/18/97(Aztec Well Service) (NFW) State Lease #13-101-533 elev:6932.5'GR 2300'-est.td 1200+ Drilling.

GHOST RANCH STATE OF NEVADA NEV COUNTY Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35 35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR (Federal Lease N-42341) 5000'-est.td Map:NV 4696 Testing with Colorado Well Service rig.

LATHROP WELLS

*Westek Resources, Inc. "Wheeling" 1 Map:NV (NFW) 13-16S-51E, Fr NE cor 2100'S 950'W (Federal Lease N-61363) Filed notice of staking.

SANS SPRING

Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV 14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546 S-04/02/97(Caza Drlg #3) (Federal Lease N-47646) elev:4708'GR 5636'-est.td 7777 Released rig 4/14/97. Will move in Colorado Well Service rig when finished at Ghost Ranch.

*Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NFW) 19-7N-57E, Fr SE cor 2000'N 100'W (Federal Lease N-55475) Notice of staking filed 1/28/97.

KYLE SPRING

*Evans-Barton, Ltd "Kyle Spring" 11-14 PERSHING COUNTY 11-29N-36E, Fr SW cor 1033'N 769'E elev:4786.54'GR 4-1/2c.2500 S-11/05/96(Humboldt Drlg) Map:NV Federal lease N-58388 2500'-est.td (NFW) 2622 Released rig 11/25/96. Perforated an undisclosed interval. Waiting on a completion rig.

SAN RAFAEL

San Radio Resources, Inc. "16" WASHONG COUNTY 16-29N-23E, Fr SE cor appx.1650'N 990'W (Buckland Drlg "SER" #1) Rigging up. Hope to start this weekend or early next week.

MIST

Enerfin Resources Northwest "CC" 32-27-65 COLUMBIA COUNTY 27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322 7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB 2010 Clark/Wilson-est.td Map:OR 2084 Temporarily abandoned 9/20/96.

Munger Oilgram Resume

COMPLETIONS STATE OF CALIFORNIA SAN JOAQUIN VALLEY KERN COUNTY

**Torch Operating Co. "Hopkins" 9-10 04-030-07989 9-29S-21E MD, Fr NE cor 874'S 1732'W elev:660'KB 9-5/8c.1152 6-5/8Ld.1190 Map:75-6 Int:1152-1190 S-04/26/97(Gary Drlg Co #7) Status:OIL (KXT) 1300 Pgl190 TD Drilled. Logged. Cmtd 9-5/8" csg at 1152'. Ran 6-5/8" lnr to 1190'. Released rig 4/28/97.

**Torch Operating Co. "Hopkins" 9-8 04-030-07987 9-29S-21E MD, Fr NE cor 1526'S 1064'W elev:660'KB 9-5/8c.1202 6-5/8Ld.1268 Map:75-6 Int:1202-1268 S-04/23/97(Gary Drlg Co #7) Status:OIL (KXT) 1450 Pgl268 TD Drilled. Logged. Cmtd 9-5/8" csg at 1202'. Ran 6-5/8" lnr to 1268'. Released rig 4/26/97.

CARRIC

Chevron U.S.A. Inc. "1Y" 1914N 04-030-07786 1-30S-21E MD, Fr NE cor 3174'S 868'W elev:956'DP 10-3/4c.362 7c.1560 Map:92-2 Status:OIL S-04/23/97(Golden State Drlg #8) 1566 Cmtd 10-3/4" csg at 362'. Drilled to TD. Logged. Took SWS. Cmtd 7" csg at 1560'. Released rig 4/26/97.

KERN RIVER

Texaco Expl & Prod Inc. "33" 432 04-030-08035 33-28S-28E MD, Fr NW cor 1693'S 2050'E elev:709'mat 7c.1029 S-04/25/97(Gary Drlg Co #17) Map:71 1029 TD Drilled. Logged. Cmtd 7" csg at 1029'. Released rig 4/26/97. Status:OIL

Texaco Expl & Prod Inc. "33" 433 04-030-08036 33-28S-28E MD, Fr NW cor 4005'S 2646'E elev:392'mat 7c.972 S-04/23/97(Gary Drlg Co #17) Map:71 972 TD Drilled. Logged. Cmtd 7" csg at 972'. Released rig 4/24/97. Status:OIL

MADWAY SUNSET

ARCO Western Energy "Anderson-Goodwin" H104 Map:102 21-31S-22E MD, Fr NW cor 680'E 724'S 04-030-08021 10-3/4c.52 7c.1383 S-04/27/97(Western Drlg #68) elev:1730'KB Status:OIL 1383 TD Drilled. Logged. Cmtd 7" csg at 1383'. Released rig 4/29/97.

Berry Petroleum Co. "Berry & Ewing" 169R Map:102-5 31-32S-24E MD, Fr SW cor 1870'E 570'N 04-030-07043 7c.1234 S-1/2Ld.1192-1379 elev:1390'KB Status:OIL S-6pm-04/26/97(Gary Drlg Co #9) Int:1234-1379 1379 TD Drilled. Logged. Cmtd 7" csg at 1234'. Ran S-1/2" lnr 1192-1379'. Released rig 3am, 4/30/97.

Berry Petroleum Co. "Formax West" J-4 04-030-07942 36-32S-23E MD, Fr NE cor 2045'S 2763'W elev:1402'KB 7c.1080 S-1/2Ld.990-1320 Map:102-5 Int:1080-1320 S-1:30pm-04/25/97(Gary Drlg Co #15) Status:OIL 1432 Pgl320 TD Drilled. Logged. Cmtd 7" csg at 1080'. Ran S-1/2" lnr 990-1320'. Released rig 9am, 4/30/97.

COASTAL AREA

SANTA MARIA VALLEY SANTA BARBARA COUNTY

Vintage Petroleum Inc. "Bradley Lands Unit" 54-5 5-9N-33W SB, Fr NE cor 2750'S 2700'W 04-083-22234 16c.485 10-3/4c.4487 7-5/8c.4796 4700'-est.td S-12/27/96(Cleveland Drlg Co #4) elev:614'KB 4830 Cmtd 10-3/4" csg at 4487'. Drilled to TD. Logged. Cmtd 7-5/8" lnr to 4796', with slots 4457-4796'. Released rig 1/13/97. PP 5/1/97 pumping 100 B/D net oil. Map:123 Int:4487-4796'

SANTA CLARA AVENUE

Venoco Inc. "Santa Clara Unit 4" 3 04-111-21849 19-2N-21W SB, Fr int C/L orig Hwy.101 & Santa Clara Ave 6074'NELY 685'NMLY R/A'S (Surface) 2625'E 1250'N of surf hole (est.BHL) elev:117'KB 9-5/8c.1550 5-1/2c.9900 8800'est.TVD,10050'-est.td S-04/08/97(Kenai Drlg #44) Directional Map:144-1 9980 Cmtd 9-5/8" csg at 1550'. Drilled to TD. Cmtd S-1/2" csg at 9900'. Released rig 5pm, 4/26/97.

KENAI

Marathon Oil Co. "Cannery Loop Unit" 5 50-133-20474 7-5N-11W SM, Fr SE cor 180'N 320'W(Surface) 8-5N-11W SM, Fr SW cor 2177'N 2524'E(BHL) Map:AL-7 7c.???? S-10/04/96(Pool Arctic #122) Directional 11424 TVD10238 TD Drilled, no details. Released rig 12/26/96. Completed as a dual gas zone producer 12/26/96. Status:OIL-12/26/96

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 05-39 Map:AL-4 32-11N-15E UM, Fr SE cor 2350'N 4115'W(Surface) 32-11N-15E UM, Fr SE cor.1438'N 2543'W(BHL) 7c.???? S-11/25/96(Doyon Drlg #9) Directional Status:OIL-12/25/96 10525 TVD8958 Drilled, no details. Released rig 12/28/96. Completed oil well 12/25/96.

SERVICE WELLS STATE OF CALIFORNIA SAN JOAQUIN VALLEY KERN COUNTY

Chevron U.S.A. Inc. "American Naphtha" 11-81 31-28S-28E MD, Fr E-1/4 cor 1440'S 480'W Map:70-2 2-7/8c.1353 2-7/8c.1356 04-030-07568 elev:707'DF S-04/21/97(Kenai Drlg #1) Status:STEAMFLOOD 1355 TD Drilled. Logged. Took SWS. Cmtd dual 2-7/8" tbg strings at 1353' and 1356'. Released rig 4/25/97.

Chevron U.S.A. Inc. "American Naphtha" 356T1 31-28S-28E MD, Fr SE cor 775'N 597'W 04-030-07563 1-1/2c.1388 S-04/25/97(Kenai Drlg #1) elev:709'DF 1400 TD Drilled. Logged. Took SWS. Cmtd 3-1/2" tbg at 1388'. Released rig 4/28/97. Map:70-2

ABANDONMENTS STATE OF ALASKA KUPARUK RIVER-SW DELTA MERIDIAN

ARCO Alaska Inc. "Tarn" 4 50-103-20249 Map:AL-4 1-9N-7E UM, Fr NW cor 1119'S 509'E(straight hole) 7c.???? S-03/12/97(Doyon Drlg #141) (NFW) 6150 Drilled, no details. Released rig 3/22/97.

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.
 ■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
 ● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

903
RIDGEWAY ARIZONA OIL 26-10N-29E **WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER** WF
10-26-29 RIDGEWAY STATE NW SW **ADD: BOX 1110, ST JOHNS, AZ, 85938 PHONE (520) 337-3230; EL: 6946 KB;**
API 02-001-20315 2280 FSL 1206 FWL **LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC**
3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
 ■ **CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; ... DRLG 2830 (LDIR 04/29/97)**

COLORADO

GARFIELD COUNTY

BARRETT RESOURCES 20-6S-94W **RULISON; PERMIT #96-872; 7616 WILLIAMS FORK, PROJ TVD: 7545, (FR** D
RMV 201-20 CLOUGH FEDERAL SW NE **12/09/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER,**
API 05-045-07122 1386 FNL 2274 FEL **CO, 80202 PHONE (303) 606-4071; EL: 5481 GR; LOCATION DATA: 7 MI**
W-SW RIFLE, CO; TO BE DIRECTIONALLY DRILLED. PBHL: 632 FT; 622
N 114 E; 764 FNL 2160 FEL SW NW NE 20-6S-94W;
 ■ **CONTR: NABORS DRLG USA, RIG #457; SPUD: 04/22/97. CSG: COND @ 43; ... DRLG 3020 (LDIR 04/29/97)**

BARRETT RESOURCES 1-7S-96W **GRAND VALLEY; PERMIT #97-76; 6650 WILLIAMS FORK, (FR 02/04/97DN)** D
GM 22-1 UNOCAL SE NW **OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202**
API 05-045-07147 1880 FNL 2175 FWL **PHONE (303) 572-3900; EL: 5468 GR; LOCATION DATA: 1 MI N**
PARACHUTE, CO; TO BE VERTICALLY DRILLED.
 ■ **CONTR: NABORS DRLG USA, RIG #414; SPUD: 04/27/97. CSG: 9 5/8 @ 321 W/275 SX; ... DRLG 330 (LDIR 04/29/97)**

BARRETT RESOURCES 4-7S-96W **GRAND VALLEY; PERMIT #96-885; 6582 WILLIAMS FORK, (FR 12/05/96DN)** D
GM 201-4 FEDERAL NW NE **OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202**
API 05-045-07119 466 FNL 2236 FEL **PHONE (303) 606-4071; EL: 5668 GR; LOCATION DATA: 3 1/2 MI W-NW**
PARACHUTE, CO; TO BE VERTICALLY DRILLED.
 ■ **CONTR: NABORS DRLG USA, RIG #488; SPUD: 04/19/97. CSG: 9 5/8 @ 321 W/175 SX; ... DRLG 4435 (LDIR 04/29/97)**

LA PLATA COUNTY

MARKWEST RESOURCES 5-32N-6W **IGNACIO-BLANCO; PERMIT #97-248; 2875 FRUITLAND COAL, (FR** D
5-1 ANDERSON 32-6 SW SW **04/09/97FM) OPER ADD: 5613 DTC PARKWAY STE 400, ENGLEWOOD, CO,**
API 05-067-08084 1162 FSL 1014 FWL **80111 PHONE (303) 290-8700; EL: 6394 KB; LOCATION DATA: 7 1/2 MI SE**
IGNACIO, CO; TO BE VERTICALLY DRILLED.
 ■ **CONTR: FOUR CORNERS DRLG, RIG #4 RIG SUB:12; CONTRACT LET; (LDIR 04/29/97)**

YUMA COUNTY

J-W OPERATING 11-2S-46W **MILDRED; PERMIT #97-108; 2500 NIOBRARA, (FR 02/11/97FM) OPER ADD:** D
31-11 KELLER SE SE **BOX 305, WRAY, CO, 80758 PHONE (970) 332-3151; EL: 4020 KB; LOCATION**
API 05-125-07960 560 FSL 560 FEL **DATA: 14 1/2 MI S ECKLEY, CO; TO BE VERTICALLY DRILLED.**
 ■ **CONTR: EXCELL DRLG, RIG #2; SPUD: 03/12/97, 2401 TD, (TD REACHED: 03/ 14/97); ... 2401 TD, TSTG (LDIR 04/29/97)**

J-W OPERATING 11-1N-47W **SCHRAMM; PERMIT #97-028; 2650 NIOBRARA, (FR 01/16/97FM) OPER** D
3-11 KIRCHENSCHLAGER NE SW **ADD: BOX 305, WRAY, CO, 80758 PHONE (970) 332-3151; EL: 4036 KB;**
API 05-125-07950 2080 FSL 2080 FWL **LOCATION DATA: 6 1/2 MI SW ECKLEY, CO; TO BE VERTICALLY**
DRILLED.
 ■ **CONTR: EXCELL DRLG, RIG #2; SPUD: 03/10/97, 2712 TD, (TD REACHED: 03/ 12/97); ... 2712 TD, TSTG (LDIR 04/29/97)**

J-W OPERATING 11-1N-47W **SCHRAMM; PERMIT #97-207; 2700 NIOBRARA, (FR 03/20/97FM) OPER** D
4-11 KIRCHENSCHLAGER SW NW **ADD: BOX 305, WRAY, CO, 80758 PHONE (970) 332-3151; EL: 4030 KB;**
API 05-125-07968 1740 FNL 660 FWL **LOCATION DATA: 7 MI SE YUMA, CO; TO BE VERTICALLY DRILLED.**
 ■ **CONTR: EXCELL DRLG, RIG #2; SPUD: 03/23/97, 2773 TD, (TD REACHED: 03/ 25/97); ... 2773 TD, TSTG (LDIR 04/29/97)**

J-W OPERATING 14-4N-46W **OLD BALDY; PERMIT #97-108; 2850 NIOBRARA, (FR 02/11/97FM) OPER** D
13-14 DON BROPHY NE NE **ADD: BOX 305, WRAY, CO, 80758 PHONE (970) 332-3151; EL: 3881 KB;**
API 05-125-07957 660 FNL 660 FEL **LOCATION DATA: 14 1/2 MI N ECKLEY, CO; TO BE VERTICALLY**
DRILLED.
 ■ **CONTR: EXCELL DRLG, RIG #2; SPUD: 03/03/97, 2872 TD, (TD REACHED: 03/ 05/97); ... 2872 TD, TSTG (LDIR 04/29/97)**

J-W OPERATING 13-4N-47W **BUFFALO GRASS; PERMIT #97-107; 2850 NIOBRARA, (FR 02/11/97FM)** D
2-13 MCCONNELL NW SE **OPER ADD: BOX 305, WRAY, CO, 80758 PHONE (970) 332-3151; EL: 3935**
API 05-125-07958 1740 FSL 1980 FEL **GR; LOCATION DATA: 14 1/2 MI N ECKLEY, CO; TO BE VERTICALLY**
DRILLED.
 ■ **CONTR: EXCELL DRLG, RIG #2; SPUD: 03/03/97, 2872 TD, (TD REACHED: 03/ 05/97); ... 2872 TD, TSTG (LDIR 04/29/97)**

PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 04/28/97

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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=
WILDCAT OUTPOST; D=DEVELOPMENT.
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ARIZONA

APACHE COUNTY

903
RIDGEWAY ARIZONA OIL
10-26-29 RIDGEWAY STATE
API 02-001-20315

26-10N-29E
NW SW
2260 FSL 1206 FWL

WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ. TO BE VERTICALLY DRILLED.

WF

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; ... DRLG 1803 (LDIR 04/25/97)

COLORADO

HUERFANO COUNTY

SANCHEZ-OBRIEN O&G
2 HARRY WILLIS
API 05-055-06143

4-29S-69W
SE NE
2100 FNL 1000 FEL

WILDCAT; PERMIT #97-239; 2500 PIERRE, (FR 04/04/97CA) OPER ADD:
5847 SAN FELIPE STE 1900, HOUSTON, TX, 77057 PHONE (713) 783-8000; EL:
7947 GR; LOCATION DATA: 1 1/4 MI NW OAKVIEW FLD(DAKOTA)ABND 1
1/2 MI SE SHEEP MOUNTAIN FLD(DAKOTA)CO2 6 1/2 MI NW LA VETA, CO; TO
BE VERTICALLY DRILLED.

WF

■ CONTR: AZTEC WELL SRVCG, RIG #433; SPUD: 04/19/97 (EST); ... DRLG 2089 (LDIR 04/25/97)

LA PLATA COUNTY

SG INTERESTS I
8E S UTE
API 05-067-08067

21-32N-7W
SE SW
1059 FSL 1635 FWL

IGNACIO-BLANCO; PERMIT #95-718; 8350 DAKOTA, (FR 10/16/96FM)
OPER ADD: %SAGLE, SCHWAB & MCLEAN, BOX 2677, DURANGO, CO,
81302 PHONE (970) 259-2701; EL: 6687 KB; LOCATION DATA: 7 3/4 MI S
IGNACIO, CO; TO BE VERTICALLY DRILLED.

D

■ CONTR: FOUR CORNERS DRLG, RIG #4 RIG SUB:12; SPUD: 01/04/97 CSG: 9 5/8 @ 280 W/270 SX, 7 @ 3900 W/725 SX, 4 1/2 @ 8319 W/456 SX;
8326 TD, (DAKOTA) (TD REACHED: 01/ 17/97); ... 8326 TD, TSTG (LDIR 04/25/97)

RIO BLANCO COUNTY

CONOCO INC
2231 LOWER HORSE DRAW
API 05-103-09858

26-2S-103W
SW SW
761 FSL 1270 FWL

LOWER HORSE DRAW; PERMIT #86-720; 1450 MANCOS A, (FR
10/16/96FM) OPER ADD: 10 DESTA DR STE 100W, MIDLAND, TX, 79705
PHONE (915) 686-5424; EL: 8783 GR; LOCATION DATA: 18 1/4 MI SW
RANGELY, CO; TO BE VERTICALLY DRILLED. WELL ID CHANGES:
PROJ DEPTH CHGD FROM 1650.

D

■ CONTR: C W S DRLG, RIG #33; SPUD: 12/17/96, CSG: 7 @ 224 W/225 SX, 4 1/2 @ 1300 W/90 SX; TBG: 2 3/8 @ 1309; 1464 TD, (TD REACHED: 12/
23/96), RIG REL: 12/23/96; ... 1464 TD, WOFT (LDIR 04/25/97)

CONOCO INC
1 FIGURE FOUR RANCH 10
API 05-103-09857

10-4S-99W
NW SE
2048 FSL 1533 FEL

WILDCAT; PERMIT #86-544; 7430 MESAVERDE, (FR 07/29/96FM) OPER
ADD: 10 DESTA DR STE 100W, MIDLAND, TX, 79705 PHONE (915) 686-5424;
EL: 7983 GR; LOCATION DATA: 4 3/4 MI W-SW SULPHUR CREEK
FLD(MESAVERDE) 29 1/2 MI NW PARACHUTE, CO; TO BE VERTICALLY
DRILLED.

WF

■ CONTR: ADCOR DRLG, RIG #44; SPUD: 08/24/96, 8500 TD, (TD REACHED: 10/ 18/96); ... 8500 TD(APPROX), WOFT (LDIR 04/25/97)

CONOCO INC
72 WILSON CREEK UNIT
API 05-103-09859

32-3N-94W
NW SE
2568 FSL 2115 FEL

WILSON CREEK; PERMIT #86-884; 6203 NIOBRARA, (FR 12/10/96FM)
OPER ADD: 10 DESTA DR STE 100W, MIDLAND, TX, 79705-4500 PHONE
(915) 686-5424; EL: 7189 GR; LOCATION DATA: 10 1/2 MI N MEEKER, CO 1
MI W OF FLD(MORRISON/SHINARUMP/SUNDANCE/MINTURN/NIOBRARA); TO
BE DIRECTIONALLY DRILLED. PSHL: 1199 FT; 848 S 848 W; 1720 FSL
2963 FEL SE NE SW 32-3N-94W;

WO

■ CONTR: CAZA DRLG, RIG #7; SPUD: 12/10/96, CSG: 9 5/8 @ 600 W/300 SX, 7 @ 3571 W/260 SX; LNR: 5 1/2 @ 3487-6620; 6620 TD, (TD REACHED:
01/ 21/97), RIG REL: 01/22/97; ... 6620 TD, TSTG (LDIR 04/25/97)

April 24, 1997

BP Expl (Alaska) Inc. "Milne Point Unit" H-07
 34-13N-10E UM, Fr SE cor 2709'N 4079'W(Surface)
 11-12N-10E UM, Fr SE cor 550'N 2391'W(est.BHL)
 50-029-22597 S-6am-09/09/95(Nabors Drlg #22E)
 Directional Map:AL-4
 ???? Resumed 4/21/97 for completion work with
 Nabors rig #4ES.

BP Expl (Alaska) Inc. "Milne Point Unit" K-38
 3-12N-11E UM, Fr SE cor 3549'N 1943'W(Surface)
 3-12N-11E UM, Fr SE cor 2529'N 140'W(BHL) Map:AL-4
 ?c.???? 50-029-22649 S-03/26/96(Nabors Drlg #27E)
 Directional Status:OIL-08/02/96
 7940 TVD7322 Completed oil well 8/2/96.

BP Expl (Alaska) Inc. "Milne Point Unit" L-32
 8-13N-10E UM, Fr SE cor 3706'N 5212'W(Surface)
 14-13N-9E UM, Fr SE cor 1148'N 2311'W(est.BHL)
 50-029-22758 S-04/13/97(Nabors Drlg #27E)
 Directional Map:AL-4
 ???? Drilling, no details.

NIAKUK

BP Expl (Alaska) Inc. "Niakuk" NK-15 50-029-22745
 36-12N-15E UM, Fr SE cor 1373'N 918'W(Surface)
 14-12N-15E UM, Fr SE cor 1514'N 1801'W(est.BHL)
 S-03/05/97(Pool Arctic #7) Directional Map:AL-5
 ???? Drilling, no details.

BP Expl (Alaska) Inc. "Niakuk" NK-25 50-029-22760
 36-12N-15E UM, Fr SE cor 1371'N 656'W(Surface)
 33-12N-16E UM, Fr SE cor 1938'N 1229'W(est.BHL)
 Directional Map:AL-5
 Issued permit #97-68 on 4/17/97.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-13 Directional
 14-12N-14E UM, Fr SE cor 5269'N 4138'W(Surface)
 2-12N-14E UM, Fr SE cor 1753'N 2458'W(est.BHL)
 ?c.???? 50-029-22757 S-04/08/97(Doyon Drlg #14)
 11949 TD. Drilled. Ran csg to an undisclosed
 depth. Released rig 4/22/97. Map:AL-4

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 02-30A Map:AL-4
 36-11N-14E UM, Fr NW cor 154'S 774'E(Surface)
 26-11N-14E UM, Fr NE cor 475'S 2020'W(BHL)
 26-11N-14E UM, Fr SE cor 5278'N 3092'W(BHL-RD)
 20c.110 10-3/4c.2558 7-5/8W.???? ?c.????
 50-029-22202-01 Rsm-01/04/97(Nabors Drlg #2ES)
 (Alaska United #3) S-10am, 8/3/91 Rig rel-8/24/91
 Directional Status:OIL-02/04/97
 12300 TVD8793 Recompleted oil well 2/4/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-16A Map:AL-4
 10-10N-15E UM, Fr SE cor 1249'N 78'W(Surface)
 9-10N-15E UM, Fr SE cor 383'N 2299'W(BHL)
 9-10N-15E UM, Fr NE cor 2639'S 1944'W(est.BHL-RD)
 20c.90 13-3/8c.2725 9-5/8W.???? ?c.????
 50-029-20415-01 Rsm-03/30/97(Nabors Drlg #3S)
 (Rowan Drlg #35) S-2/24/80 Rig rel-3/31/80
 Directional
 13070 RD???? Redrilled, no details. Released rig
 4/18/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-33A Map:AL-4
 11-10N-15E UM, Fr SW cor 215'N 821'E(Surface)
 11-10N-15E UM, Fr SE cor 2419'N 576'W(BHL)
 11-10N-15E UM, Fr NE cor 1357'S 2562'W(est.BHL-RD)
 20c.110 13-3/8c.2506 9-5/8c.10375 7Ld.10936
 50-029-21142-01 Rsm-04/19/97(Nabors Drlg #3S)
 (Rowan Drlg #35) S-7/26/84 Rig rel-8/11/84
 Directional
 10937 Pgl0795 Resumed 4/19/97 for redrill #1.

ARCO Alaska Inc. "Prudhoe Bay Unit" 17-19A Map:AL-5
 22-10N-15E UM, Fr NW cor 2534'S 4288'E(Surface)
 21-10N-15E UM, Fr NW cor 2872'S 2236'E(BHL)
 20-10N-15E UM, Fr SE cor 4142'N 205'W(est.BHL-RD)
 20c.110 10-3/4c.3845 7-5/8x7W.???? 50-029-22297-01
 (Nabors Drlg #18E) S-10:30am, 10/20/92 Rel-11/4/92
 Rsm-03/27/97(Doyon Drlg #16). Directional
 13181 Redrilled. Deepened from 10415'. Cementing
 liner at an undisclosed depth.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
 31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
 32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
 32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
 13-3/8c.2693 9-5/8c.9235 7c.10080 50-029-20779-01
 (Alaska United #2) S-8/27/82 Rig rel-9/17/82
 Rsm-04/16/97(Doyon Drlg #141) Directional
 10085 Redrilling at 9281'. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" E-18A
 6-11N-14E UM, Fr NE cor 1853'S 501'W(Surface)
 7-11N-14E UM, Fr NE cor 2328'S 396'W(BHL)
 7-11N-14E UM, Fr NE cor 2741'S 879'W(est.BHL-RD)
 13-3/8c.2710 9-5/8c.10377 7Ld.11263 Directional
 50-029-20654-01 Map:AL-4
 (Nabors Drlg #22E) S-9/26/81 Rig rel-10/15/81
 11265 Pgl1223 Issued permit #97-69 on 4/17/97 for
 redrill #1.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" G-03A
 12-11N-13E UM, Fr NE cor 2263'S 1974'W(Surface)
 12-11N-13E UM, Fr NE cor 3425'S 2604'W(BHL)
 12-11N-13E UM, Fr NE cor 3163'S 2722'W(est.BHL-RD)
 13-3/8c.2675 9-5/8c.8175 7Ld.7838-9385 Directional
 50-029-20221-01 Map:AL-4
 (Brinkerhoff Drlg #36) S-6/19/76 Rig rel-7/22/76
 9400 TVD9210 Issued permit #97-70 on 4/17/97 for
 redrill #1.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B
 31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface)
 12-10N-12E UM, Fr NE cor 2319'S 3505'W(BHL)
 12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD)
 36-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2)
 20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02
 (Alaska United #2) S-9:45am, 3/20/91 Rig rel-4/18/91
 (Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96
 (Doyon Drlg #9) Directional. Map:AL-4
 15460 TVD9131 Issued permit #97-64 on 4/14/97.
 Moving in equipment for redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24
 31-11N-13E UM, Fr SE cor 2359'N 3138'W(Surface)
 25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.BHL)
 ?c.???? 50-029-22755 S-03/27/97(Doyon Drlg #9)
 Directional Map:AL-4
 12397 TD. Drilled. Cmtd csg at an undisclosed
 depth. Released rig 4/23/97.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
 35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
 27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
 33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
 50-029-22735-60 S-03/02/97(Nabors Drlg #18E).
 Directional Map:AL-4
 ???? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32B1
 19-11N-12E UM, Fr NW cor 713'S 1253'E(Surface)
 18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
 18-11N-12E UM, Fr SW cor 3768'N 447'E(BHL-RD)
 12-11N-12E UM, Fr SE cor 1831'N 1339'W(est.BHL-RD2)
 12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-L1)
 20c.110 13-3/8c.2668 9-5/8W.???? 50-029-21924-62
 (Alaska United #2) S-1am, 3/28/89 Rig rel-4/17/89
 (Doyon Drlg #14) Rsm-2pm, 8/14/93 Rig rel-8/30/93
 Rsm-03/04/97(Nabors Drlg #2ES) Directional
 11330 RD10830 Resumed 3/4/97 for redrill #2.
 Map:AL-4

OTHER WESTERN STATES**ST. JOHNS**

Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
 16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
 8-5/8c.875 S-04/07/97(Aztec Well Service) (NPW)
 State Lease 13-101-540 elev:7246'GR 2400'-est.td
 1350 Drilled. Temporarily abandoned 4/17/97.

Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
 26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
 8-5/8c.1100 S-04/18/97(Aztec Well Service) (NPW)
 State Lease #13-101-533 elev:6932.5'GR
 2300'-est.td
 1100 Cmtd 8-5/8" csg at 1100'.

GHOST RANCH

Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
 35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
 (Federal Lease N-42341) 5000'-est.td Map:NV
 4696 Completing with Colorado Well Service rig.

LATHROP WELLS

Westek Resources, Inc. "Wheeling" 1 Map:NV (NPW)
 13-16S-51E, Fr NE cor 2100'S 950'W
 (Federal Lease N-61369)
 Filed notice of staking.

STATE OF ARIZONA**APACHE COUNTY****STATE OF NEVADA****NYE COUNTY**

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 04/23/97**

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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

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● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

903
RIDGEWAY ARIZONA OIL 26-10N-29E WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
10-26-29 RIDGEWAY STATE NW SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
API 02-001-20315 2260 FSL 1206 FWL LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; ... @ 1118, DOG (LDIR 04/22/97)

COLORADO

LAS ANIMAS COUNTY

STROUD OIL PROPERTIES 18-34S-67W APACHE CANYON; PERMIT #96-443; 2000 VERMEJO, (FR 06/07/86DN) WO
18-9 APACHE CANYON NE SE OPER ADD: BOX 9, WESTON, CO, 81091 PHONE (719) 868-2703; EL: 7485
API 05-071-06339 2416 FSL 690 FEL GR; GEOL: B MCNEW LOCATION DATA: 5 MI SW WESTON, CO 1 1/2 MI S
OF FLD(VERMEJO); TO BE VERTICALLY DRILLED.

■ CONTR: THORNTON DRLG; SPUD: 06/12/96, CSG: 7 @ 319 W/126 SX; TBG: 2 3/8 @ 657; LOG TYPES: CDL; DI 310-888; DRLG COMMENTS: OPR INTENT TO DRILL DEEPEN TO 1700'. 700 TD, (TD REACHED: 06/ 13/96) BHT: 80F; ... 700 DTD, 692 LTD, WOCT (LDIR 04/22/97)

MONTANA

RICHLAND COUNTY

UNION PACIFIC RESOURCES 24-24N-59E WILDCAT; PERMIT #14470; 13218 RATCLIFFE, (FR 02/19/97DN) OPER WF
24H BAXTER 24-24H SE SW ADD: BOX 7 MS 3006, FORT WORTH, TX, 76101-0007 PHONE (817) 877-7952;
API 25-083-21852 375 FSL 1980 FWL EL: 1990 GR; LOCATION DATA: 1 1/4 MI SE FORK NORTH FLD(MISSION
CANYON) 1 1/2 MI NE RIDGELAWN FLD(MISSION CANYON) 3 MI SW
FAIRVIEW, MT; TO BE HORIZONTALLY DRILLED. PBHL: 4419 FT N 17
DEG 10 MIN 48 SEC W; 660 FNL 660 FWL C NW NW 24-24N-59E;

■ CONTR: CAZA DRLG, RIG #48; SPUD: 03/27/97, PROPOSED HORIZONTAL PROGRAM: KOP: 8565 TVD, TOTAL HORIZ DISPLACEMENT: 4419, SPL TOPS: CHARLES 8212; ... DRLG 9169 (LDIR 04/22/97)

NEVADA

NYE COUNTY

EAGLE SPRINGS PROD 35-9N-57E UNNAMED; 5000 DEVONIAN, (FR 02/03/97DN) OPER ADD: 2561 S 1560 W WO
47-35 GHOST RANCH SE SW STE 200, WOODS CROSS, UT, 84087 PHONE (801) 298-8866; EL: 4746 GR;
API 27-023-05552 1052 FSL 2340 FWL LOCATION DATA: 11 MI S-SW CURRANT, NV N OFFSET TO
FLD(DEVONIAN)DISC SE SW 35-9N-57E; TO BE DIRECTIONALLY
DRILLED. PBHL: 1032 FSL 2190 FWL 35-9N-57E; WELL ID CHANGES:
FTG CHGD FROM 1032 FSL 2190 FWL

■ CONTR: CAZA DRLG, RIG #63; SPUD: 03/08/97 (EST), CSG: RAN PROD CSG: 5000 TD, (TD REACHED: 03/ 22/97); PROD TEST(S): PERF (DEVONIAN) INT NOT RPTD, GAUGE NOT RPTD. ... 4896 TD, TSTG (LDIR 04/22/97)

NEW MEXICO

SAN JUAN COUNTY

RODDY PROD 20-27N-11W BASIN; 1840 FRUITLAND COAL, (FR 08/22/95FM) OPER ADD: BOX 2221, D
5 YOCKEY SW NE FARMINGTON, NM, 87499 PHONE (505) 325-5750; EL: 8230 KB; LOCATION
API 30-045-29445 1605 FNL 1960 FEL DATA: 10 MI SW BLOOMFIELD, NM; TO BE VERTICALLY DRILLED.
IC 300457008295 WELL ID CHANGES: PROJ DEPTH CHGD FROM 1896.

■ CONTR: FOUR CORNERS DRLG, RIG #3 RIG SUB:12; SPUD: 04/10/97 CSG: 4 1/2 @ 1933; 1940 TD, (TD REACHED: 04/ 14/97); ... 1940 TD, WOCT (LDIR 04/22/97)

DATA... (LDIR 04/18/97)
PAGE

PETROLEUM INFORMATION/DWIGHTS DAILY ACTIVITY REPORT SECTION II - 04/21/97

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DRILLING ACTIVITY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST; D = DEVELOPMENT.
■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

903
RIDGEWAY ARIZONA OIL 26-10N-29E WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
10-26-29 RIDGEWAY STATE NW SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
API 02-001-20315 2260 FSL 1206 FWL LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ: TO BE VERTICALLY DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 ... DRLG SURFACE (LDIR 04/18/97)

COLORADO

LA PLATA COUNTY

MCELVAIN T H O&G PROP 24-33N-8W IGNACIO-BLANCO; PERMIT #96-797; 5654 MESAVERDE, (FR 11/07/96FM) D
1A PIKES PEAK SW NE OPER ADD: BOX 2148, SANTA FE, NM, 87504 PHONE (505) 325-5220; EL:
API 05-067-08072 1355 FNL 1505 FEL 6578 KB; LOCATION DATA: 2 1/2 MI SW IGNACIO, CO: TO BE
VERTICALLY DRILLED.
■ CONTR: FOUR CORNERS DRLG, RIG #3 RIG SUB:12; SPUD: 02/12/96 CSG: 9 5/8 @ 313 W/200 SX, 7 @ 3251 W/448 SX; LNR: 4 1/2 @ 3088-5649
W/220 SX; LOG TOPS: OJO ALAMO 1473, KIRTLAND 1721, FRUITLAND 2405, PICTURED CLIFFS 2892, LEWIS 3358, MESAVERDE 4765, CLIFF HOUSE
4923, MENEFFEE 5189, POINT LOOKOUT 5306; DRLG COMMENTS: BIG A WELL SERVICE COMPLETED. 5654 TD, (POINT LOOKOUT) (TD REACHED: 12/
22/96), 5603 PBTD : ... 5654 TD, P8 5603, WOFT (LDIR 04/18/97)

NEW MEXICO

RIO ARRIBA COUNTY

BURLINGTON RES O&G 9-29N-7W BASIN; 2920 FRUITLAND COAL, (FR 12/11/96FM) OPER ADD: BOX 4289, D
549 SAN JUAN 29-7 UNIT SW NW FARMINGTON, NM, 87499-4289 PHONE (505) 326-9700; EL: 6145 KB;
API 30-039-25647 1550 FNL 1100 FWL LOCATION DATA: 1 3/4 MI SE NAVAJO CITY, NM: TO BE VERTICALLY
IC 300397008996 DRILLED. WELL ID CHANGES: PROJ DEPTH CHGD FROM 3000.
■ CONTR: AZTEC WELL SRVCG, RIG #301 RIG SUB:13; SPUD: 03/28/97 CSG: 9 5/8 @ 150 W/103 SX, 7 @ 2620 W/485 SX; 2935 TD, (TD REACHED:
04/01/97); ... 2935 TD, TSTG (LDIR 04/18/97)

BURLINGTON RES O&G 12-29N-7W BLANCO; 5769 MESAVERDE, (FR 02/25/97FM) OPER ADD: BOX 4289, D
37C SAN JUAN 29-7 UNIT SE NW FARMINGTON, NM, 87499-4289 PHONE (505) 326-9700; EL: 6330 KB;
API 30-039-25651 2630 FNL 2630 FWL LOCATION DATA: 4 1/2 MI E NAVAJO CITY, NM: TO BE VERTICALLY
IC 300397004297 DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #301 RIG SUB:13; SPUD: 04/17/97 ... @ 232, WOC (LDIR 04/18/97)

PHILLIPS PET 16-30N-5W BASIN; 8100 DAKOTA, (FR 03/25/97FM) OPER ADD: 5525 HWY 64 NBU D
110M SAN JUAN 30-5 UNIT SW NW 3004, FARMINGTON, NM, 87401 PHONE (505) 599-3454; EL: 6346 GR;
API 30-039-25658 1840 FNL 790 FWL LOCATION DATA: 7 1/2 MI N GOBERNADOR, NM TO DUAL COMP BLANCO
IC 300397005097 FLD(MESAVERDE) W/BASIN FLD(DAKOTA); TO BE VERTICALLY DRILLED.
WELL ID CHANGES: WELL # CHGD FROM 110.
■ CONTR: BIG A WELL SRVC, RIG #37; SPUD: 04/09/97, CSG: 9 5/8 @ 366 W/185 SX, 7 @ 3698 W/475 SX; ... DRLG 3726 (LDIR 04/18/97)

ROOSEVELT COUNTY

OGS OPERATING 14-8S-37E BLUETT; 4825 SAN ANDRES, (FR 10/28/96MD) OPER ADD: 550 W TEXAS, D
1 BILBERRY '14' FEDERAL COM 1980 FSL 1980 FWL STE 1140, MIDLAND, TX, 79701 PHONE (915) 682-6373; EL: 4014 GR;
API 30-041-20881 IC 300417000496 LOCATION DATA: 13 MI E MILNESAND, NM: TO BE VERTICALLY
DRILLED. WELL ID CHANGES: LSE NAME CHGD FROM BOND '14'
FEDERAL
■ CONTR: NORTON DRLG, RIG #4; SPUD: 03/12/97, CSG: 8 5/8 @ 376, 4 1/2 @ 4816; RIG REL: 03/22/97; PROD TEST(S): PERF (SAN ANDRES), ...
4616 TD, WOFT (LDIR 04/18/97)

SANDOVAL COUNTY

DUGAN PROD 31-23N-6W LYBROOK; 5715 GALLUP, (FR 04/15/97FM) OPER ADD: BOX 420, WO
1 LITTLE SIS NE SW FARMINGTON, NM, 87499-0420 PHONE (505) 325-1821; EL: 7217 KB;
API 30-043-20940 1650 FSL 1664 FWL LOCATION DATA: 3 1/2 MI SW COUNSELORS, NM 1/4 MI S OF
IC 300437000197 FLD(GALLUP)NW 31-23N-6W; TO BE VERTICALLY DRILLED. WELL ID
CHANGES: FTG CHGD FROM 1850 FSL 1850 FWL
■ CONTR: FOUR CORNERS DRLG, RIG #4; SPUD: 04/09/97, CSG: 8 5/8 @ 292 W/200 SX; 5715 TD, (TD REACHED: 04/17/97); ... 5715 TD, RNG PROD
CSG (LDIR 04/18/97)

Ridgeway Expands Eastern Arizona Program

RIDGEWAY ARIZONA Oil Corp has scheduled three more wildcats targeting the Fort Apache limestone member of Supai (Permo-Pennsylvanian) in eastern Arizona's Apache County.

The 13-36-29 Ridgeway-State, sw ne 36-13n-29e, is a proposed 2200-ft test to be drilled about seven miles east of St. Johns. It's four and a half miles north-northeast of Ridgeway's 1 Canstar-Plateau Cattle Co, se nw 15-12n-29e, a shut-in gas discovery drilled in 1994. That 2431-ft well recovered carbon dioxide, nitrogen and helium on drillstem tests in two intervals of Supai at 1410-79 and 1680-1720 ft.

Seven miles west of the shut-in discovery—and three miles south of St. Johns—Ridgeway has staked the 12-16-28 Ridgeway-State in nw ne 16-12n-28e. The latter wildcat is projected to a depth of 2150 ft.

Ridgeway also has scheduled the 10-26-29 Ridgeway-State, nw sw 26-10n-29e, about seven miles north-northeast of Springerville. This site is

Mull Schedules Spergen Tests on Las Animas Arch

WICHITA-BASED MULL Drilling Co has staked a 5177-ft test of the Mississippian Spergen on the Las Animas Arch about nine miles north-northeast of Eads in southeastern Colorado.

The 1 UPLRC-George, ne sw 1-17s-48w, northern Kiowa County, will be drilled a little more than a mile northeast of Mull's 1-11 UPLRC-Merwin in sw ne 11-17s-48w. That 5173-ft well was completed last fall pumping 65 bbls of 41.1° oil and five bbls of water per day from Spergen at 5083-5103 ft to revive production in the abandoned Quiver field (PI 11-

27-96). It logged the top of Spergen at 5076 ft from a kelly bushing elevation of 4223 ft.

In its first four months on line (September-December 1996), the 1-11 UPLRC-Merwin produced a total of 6,042 bbls of oil and 287 bbls of water. In December, it produced an average of about 39 bbls of oil and three bbls of water daily.

Half a mile south of its 1-11 UPLRC-Merwin producer, Mull will drill a 5200-ft Spergen test in the field at the 2-11 UPLRC-Dunlap in sw se 11-17s-48w. Kudu Drilling is under contract for both Mull ventures.

10 miles south of the company's 3-1 State 13-53-801 discovery in ne se 3-11n-29e, which was completed in 1995 flowing 663,000 cu ft of carbon dioxide, nitrogen and helium per day from Fort Apache between 1536 and 1676 ft. It currently is shut in.

In recent months, Ridgeway—

with Aztec Well Service's Rig #124—under contract, has drilled five other Fort Apache tests in the area and currently is drilling the 10-16-31 Ridgeway in ne sw 16-10n-31e (PI 3-19-97). The company also has locations staked for five other Fort Apache tests in the area.

(Wyoming, from Page 1)

sand at 12,190 ft.

The wildcat is nearly two miles west of Frontier and Dakota gas/condensate production in Wilson Ranch Field. There is no production from

Muddy in the vicinity.

Approximately 15 miles to the north-northwest is Petral Exploration LLC's Muddy discovery in sw se 35-23n-113w. The well, the 40-35 Eads-

eral-Pascali, flowed 2,699,000 cu ft of gas, 96 bbls of condensate and seven bbls of water daily from an untreated Muddy "C" interval perforated at 12 076-12 038 ft (PI 2-14-97).

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
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FIRST REPORT SUMMARY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=
WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LOIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

903 RIDGEWAY ARIZONA OIL 26-10N-29E WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
10-26-29 RIDGEWAY STATE NW SW ADD: BOX 1110, ST JOHNS, AZ, 85938 PHONE (520) 337-3230; EL: 6933 GR;
API 02-001-20315 2260 FSL 1206 FWL LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

LOC;

RIDGEWAY ARIZONA OIL 16-12N-28E WILDCAT; PERMIT #902; 2150 FORT APACHE, (FR 04/10/97FM) OPER WF
12-16-28 RIDGEWAY STATE NW NE ADD: BOX 1110, ST JOHNS, AZ, 85938 PHONE (520) 337-3230; EL: 5988 GR;
API 02-001-20314 1215 FNL 1991 FEL LOCATION DATA: 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC
15-12N-29E 2 MI SW ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

LOC;

RIDGEWAY ARIZONA OIL 36-13N-29E WILDCAT; PERMIT #901; 2200 FORT APACHE, (FR 04/10/97FM) OPER WF
13-36-29 RIDGEWAY STATE SW NE ADD: BOX 1110, ST JOHNS, AZ, 85938 PHONE (520) 337-3230; EL: 6168 GR;
API 02-001-20313 1356 FNL 1726 FEL LOCATION DATA: 4 MI NE UNNAMED FLD(FORT APACHE)CO2 DISC
15-12N-29E 7 MI E ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

LOC;

COLORADO

WELD COUNTY

AMOCO PROD 35-2N-65W WATTENBERG; PERMIT #97-253; DAKOTA, (FR 04/10/97DN) OPER ADD: D X
2 MARGARET EICHTHALER B C NW BOX 187, FORT LUPTON, CO, 80621 PHONE (303) 894-6625; EL: 4928 GR;
API 05-123-09778-0002 1320 FNL 1320 FWL LOCATION DATA: 2 MI N HUDSON, CO TO COMMINGLE(J
SAND/CODELL/DAKOTA); TO BE VERTICALLY DRILLED. OWWO: OLD
INFO: FORMERLY AMOCO PROD 2 MARGARET EICHTHALER B. SPUD 6/14/95.
LOG TOPS: NIOBRARA 6904, CODELL 7223, J SAND 7662, TD 7835. COMP
12/4/95. IFF 1 BC, 10 MCFGPD, 1 BWPD. PROD ZONES: J SAND
7662-7704(GROSS), CODELL 7223-7238. COMMINGLED;

LOC;

DIVERSIFIED OPERATING 17-8N-58W SOONER; PERMIT #97-252; 6400 D SAND, (FR 04/10/97DN) OPER ADD: D
17-9-6 SOONER UNIT NE SE 1875 LARIMER ST STE 400, DENVER, CO, 80202 PHONE (303) 595-3957; EL:
API 05-123-19380 1856 FSL 610 FEL 4683 GR; LOCATION DATA: 4 MI N NEW RAYMER, CO; TO BE
VERTICALLY DRILLED.

CONTR: CAZA DRLG; LOC;

YUMA COUNTY

EVERGREEN OPERATING 24-4S-44W BONNY; PERMIT #97-249; 1834 NIOBRARA, (FR 04/10/97DN) OPER ADD: D
23-24 ALLEN NE SW 1512 LARIMER ST STE 1000, DENVER, CO, 80202 PHONE (303) 534-0400; EL:
API 05-125-07972 1825 FSL 1700 FWL 3923 GR; LOCATION DATA: 2 1/4 MI E-SE IDALIA, CO; TO BE
VERTICALLY DRILLED.

CONTR: EXCELL DRLG; LOC;

EVERGREEN OPERATING 26-4S-44W BONNY; PERMIT #97-250; 1826 NIOBRARA, (FR 04/10/97DN) OPER ADD: D
42-26 BRENNER SE NE 1512 LARIMER ST STE 1000, DENVER, CO, 80202 PHONE (303) 534-0400; EL:
API 05-125-07973 1520 FNL 673 FEL 3930 GR; LOCATION DATA: 2 MI SE IDALIA, CO; TO BE VERTICALLY
DRILLED.

CONTR: EXCELL DRLG; LOC;

EVERGREEN OPERATING 8-5S-43W BONNY; PERMIT #97-251; 1658 NIOBRARA, (FR 04/10/97DN) OPER ADD: D
14-8A WAYERMAN SW SW 1512 LARIMER ST STE 1000, DENVER, CO, 80202 PHONE (303) 534-0400; EL:
API 05-125-07974 675 FSL 450 FWL 3779 GR; LOCATION DATA: 6 1/4 MI SE IDALIA, CO; TO BE VERTICALLY
DRILLED.

CONTR: EXCELL DRLG; LOC;

April 10, 1997

NIAKUK

BP Expl (Alaska) Inc. "Niakuk" NK-15 50-029-22745
36-12N-15E UM, Fr SE cor 1373'N 918'W(Surface)
14-12N-15E UM, Fr SE cor 1514'N 1801'W(est.BHL)
S-03/05/97(Pool Arctic #7) Directional Map:AL-5
7777 Drilling, no details.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-03 Directional
11-12N-14E UM, Fr SW cor 47'N 1004'E(Surface)
10-12N-14E UM, Fr SE cor 2777'N 1264'W(est.BHL)
50-029-22749 S-03/24/97(Doyon Drlg #14) Map:AL-4
77777 Drilled, no details. Released Rig 4/7/97.

ARCO Alaska Inc. "Point McIntyre" P2-13 Directional
14-12N-14E UM, Fr SE cor 5269'N 4138'W(Surface)
2-12N-14E UM, Fr SE cor 1753'N 2458'W(est.BHL)
50-029-22757 S-04/08/97(Doyon Drlg #14) Map:AL-4
6003 Issued permit #97-60 on 4/4/97. Drilling ahead.

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 02-39 Map:AL-4
36-11N-14E UM, Fr SE cor 4512'N 3563'W(Surface)
25-11N-14E UM, Fr SE cor 4111'N 188'W(BHL)
7c.77777 50-029-22721 Directional
S-12/07/96(Nabors Drlg #2ES) Status:OIL-01/03/97
12450 Completed oil well 1/3/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-16A Map:AL-4
10-10N-15E UM, Fr SE cor 1245'N 78'W(Surface)
9-10N-15E UM, Fr SE cor 383'N 2299'W(BHL)
9-10N-15E UM, Fr NE cor 2639'S 1944'W(est.BHL-RD)
20c.90 13-3/8c.2725 9-5/8c.11830 7Ld.13065
50-029-20415-01 Rsm-03/30/97(Nabors Drlg #3S)
(Rowan Drlg #35) S-2/24/80 Rig rel-3/31/80
Directional
13070 Pq12983 Resumed 3/30/97 for redrill #1 as an injector.

ARCO Alaska Inc. "Prudhoe Bay Unit" 17-19A Map:AL-5
22-10N-15E UM, Fr NW cor 2534'S 4288'E(Surface)
21-10N-15E UM, Fr NW cor 2872'S 2236'E(BHL)
20-10N-15E UM, Fr SE cor 4142'N 205'W(est.BHL-RD)
20c.110 10-3/4c.3845 7-5/8c.10406 Directional
50-029-22297-01 Rsm-03/27/97(Doyon Drlg #16)
(Nabors Drlg #18E) S-10/30am,10/20/92 Rel-11/4/92
10415 Pq10322 Redrilling at 10058'.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-12A
31-11N-14E UM, Fr NE cor 1850'S 1509'W(Surface)
31-11N-14E UM, Fr NE cor 3458'S 726'W(BHL)
31-11N-14E UM, Fr SE cor 1299'N 332'W(est.BHL-RD)
13-3/8c.2677 9-5/8c.8618 7c.9505 50-029-20332-01
(Brinkerhoff Drlg #36) S-11/20/78 Rig rel-12/7/78
Rsm-03/26/97(Doyon Drlg #141) Directional
9720 Redrilled. Deepened from 9515' to TD.
Logging. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-13A
6-11N-14E UM, Fr NE cor 683'S 500'W(Surface)
1-11N-13E UM, Fr SE cor 2068'N 713'W(BHL)
1-11N-13E UM, Fr SE cor 2128'N 2050'W(BHL-RD)
13-3/8c.2675 9-5/8c.7777 7c.7777 50-029-20783-01
(Unknown contractor drld in Jan.1997) Directional
(FN #1) S-5/10/82 Rig rel-5/30/82 Map:AL-4
12742 TVD8951 Redrilled, no details. Recompleted
oil well 1/21/97. Status:OIL-01/21/97

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" F-11A
2-11N-13E UM, Fr NE cor 1987'S 2846'W(Surface)
2-11N-13E UM, Fr NE cor 1225'S 2948'W(BHL)
2-11N-13E UM, Fr NE cor 2261'S 2182'W(BHL-RD)
13-3/8c.2670 9-5/8c.7777 7c.7777 50-029-20434-01
(Nabors Drlg #22E) S-2/5/80 Rig rel-2/28/80
(Unknown contractor drld in Dec.1996) Directional
10320 TVD8947 Redrilled. Deepened from 9385'.
Recompleted oil well 12/3/96. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" F-16A
2-11N-13E UM, Fr SE cor 2106'N 2159'W(Surface)
2-11N-13E UM, Fr SE cor 232'N 2360'W(BHL)
11-11N-13E UM, Fr NE cor 481'S 3829'W(BHL-RD)
13-3/8c.2660 9-5/8c.7777 7c.7777 50-029-20661-01
(Brinkerhoff ENJV #1) S-12/8/81 Rig rel-12/27/81
(Unknown contractor drld in Nov.1996) Directional
10984 TVD8974 Redrilled. Deepened from 9672'.
Recompleted oil well 11/20/96. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" K-07B
4-11N-14E UM, Fr NW cor 2041'S 473'E(Surface)
33-12N-14E UM, Fr SW cor 1424'N 2332'E(BHL)
33-12N-14E UM, Fr NW cor 4186'S 1567'E(est.BHL-RD)
33-12N-14E UM, Fr NW cor 3993'S 2701'E(est.BHL-RD2)
13-3/8c.2709 9-5/8c.7777 7c.7777 50-029-21045-02
(Alaska United #3) S-11/19/83 Rig rel-12/4/83
Directional Map:AL-4
10257 ED7777 Issued permit #97-61 on 4/4/97 for
redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24
31-11N-13E UM, Fr SE cor 2359'N 3138'W(Surface)
25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.BHL)
50-029-22755 S-03/27/97(Doyon Drlg #9) Map:AL-4
Directional
10831 Drilling.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
50-029-22735-60 S-03/02/97(Nabors Drlg #18E)
Directional Map:AL-4
7777 Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
19-11N-12E UM, Fr NW cor 713'S 1253'E(Surface)
18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
18-11N-12E UM, Fr SW cor 3768'N 447'E(BHL-RD)
12-11N-12E UM, Fr SE cor 1831'N 1339'W(est.BHL-RD2)
12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-L1)
20c.110 13-3/8c.2568 9-5/8c.7777 50-029-21924-62
(Alaska United #2) S-1am,3/28/89 Rig rel-4/17/89
(Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93
Rsm-03/04/97(Nabors Drlg #2ES) Directional
11330 RD10830 Resumed 3/4/97 for redrill #2.
Map:AL-4

OTHER WESTERN STATES

STATE OF ARIZONA
ST JOHNS
Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ
22-9N-29E, Fr SW cor 1091'N 2674'E 02-001-20310
8-5/8c.1135 4-1/2c.2400aprx State Lease 13-101-536
S-9/30pm-03/30/97(Aztec Well Service) (NPW)
elev:7178'GR 2400'-est.td
2400aprx Drilled to TD. Ran csg. Released rig
4/7/97.

Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
S-04/07/97(Aztec Well Service) elev:7246'GR
State Lease 13-101-540 2400'-est.td (NPW)
500+ Drilling.

Ridgeway Arizona Oil Corp "State" 10-22 Map:AZ
22-10N-30E, Fr SW cor 660'N 660'E 02-001-20308
8-5/8c.743 4-1/2c.2265 State Lease 13-100-215
S-03/19/97(Aztec Well Service) elev:6878'GR
2300'-est.td (NPW)
2265 TD. Drilled. CO2 was identified throughout
the reservoir. Cntd 4-1/2' csg at 2265'. Released
rig 3/30/97. Evaluating logs and cores.

Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
State Lease #13-101-533 (Aztec Well Service)
elev:6932.5'GR 2300'-est.td (NPW)
Issued permit #903 on 4/8/97.

Ridgeway Arizona Oil Corp "State" 12-16-28 Map:AZ
16-12N-28E, Fr NE cor 1215'S 1991'W 02-001-20314
State Lease #13-101-344 (Aztec Well Service)
elev:5988'GR 2150'-est.td (NPW)
Issued permit #902 on 4/8/97.

Ridgeway Arizona Oil Corp "State" 13-36-29 Map:AZ
36-13N-29E, Fr NE cor 1356'S 1726'W 02-001-20313
State Lease #13-101-554 (Aztec Well Service)
elev:6167'GR 2200'-est.td (NPW)
Issued permit #901 on 4/8/97.

STATE OF NEVADA
GHOST RANCH
Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Federal Lease N-42341) 5000'-est.td Map:NV
4696 Moved in Colorado Well Service for
completion.

SANS SPRING
Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546
S-04/02/97(Caza Drlg #3) (Federal Lease N-47646)
elev:4708'GR 5636'-est.td
7777 Drilling, "no dope" hole.

Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW)
19-7N-57E, Fr SE cor 2000'N 100'W
(Federal Lease N-55475)
Notice of staking filed 1/28/97.

KYLE SPRING
Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
11-29N-56E, Fr SW cor 1033'N 769'E elev:4786.54'GR
4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
Federal lease N-58388 2500'-est.td (NPW)
2622 Released rig 11/25/96. Evaluating.

STATE OF OREGON
MIST
Enerfin Resources Northwest "CC" 32-27-65
27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322
7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB
2010'Clark/Wilson-est.td Map:OR
2084 Temporarily abandoned 9/20/96.

903



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

April 8, 1997

Mr. Clarence Bigelow
Manager, Apache County
P.O. Box 428
St. Johns, AZ 85936

Re: Ridgeway #13-36-29 State, Sec. 36-13N-29E, Apache Co., Permit #901
Ridgeway #12-16-28 State, Sec. 16-12N-28E, Apache Co., Permit #902
Ridgeway #10-26-29 State, Sec. 26-10N-29E, Apache Co., Permit #903

Dear Mr. Bigelow:

I have enclosed a copy of the approved drilling applications for the referenced wells in accordance with the **Arizona Oil and Gas Conservation Commission's** policy to inform County Governments about proposed oil and gas drilling efforts in their counties. These wells are part of Ridgeway Arizona Oil Corporation's widely-spaced drilling program to delineate the extent of carbon dioxide between St. Johns and Springerville.

The **Commission** issues its Permit to Drill pursuant to A.R.S. § 27-516. Applications are approved after it is determined that the well is in compliance with applicable law and rules and that public health and safety, correlative rights, and subsurface resources are not compromised.

Please let me know if we may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil and Gas Program Administrator

Enclosures

c Oil & Gas Commissioners



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

April 8, 1997

Mr. Don Riggs
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

Re: Ridgeway #13-36-29 State, Sec. 36-13N-29E, Apache Co., Permit #901
Ridgeway #12-16-28 State, Sec. 16-12N-28E, Apache Co., Permit #902
Ridgeway #10-26-29 State, Sec. 26-10N-29E, Apache Co., Permit #903

Dear Mr. Riggs:

I have enclosed an approved application to drill the referenced wells; Permit Nos. 901, 902, and 903; and filing fee receipt nos. 3099, 3100, and 3101. *A copy of the Permit to Drill must be posted in a conspicuous place at the well site.*

These permits are issued on the condition that you conduct operations in compliance with all applicable rules and substantially as outlined in the drilling prognosis submitted with the application to drill, and that you *notify me at least 24 hours* before you:

- 1) Commence drilling operations;
- 2) Run and cement surface casing; and
- 3) Nipple up and test the BOPE prior to drilling out of the surface casing.

I have enclosed several Sundry Notices (Form 25) for you to provide this office with a weekly summary of wellsite activity (drilling, coring, testing, logging, running casing, etc). These reports are now due for your wells 22-1X, 11-21, 9-21, 10-22, and 9-22-29.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

MEMORANDUM TO FILE

DATE: April 3, 1997

FROM: Steven L. Rauzi SLR
Oil and Gas Program Administrator

SUBJECT: Known and reasonably estimated freshwater aquifers in vicinity of three proposed Ridgeway Arizona Corp wells located in:

sw ne 36-13n-29e, Apache County (1356' fnl & 1726' fel), permit 901
nw ne 16-12n-28e, Apache County (1215' fnl & 1991' fel), permit 902
nw sw ~~22~~₆-10n-29e, Apache County (2260' fsl & 1206' fwl), permit 903

Rick Herther, Basic Data Section, Arizona Department of Water Resources, reported this date that no water wells are registered with the department in the three referenced sections. He provided the following information about 6 water wells that are registered in the general vicinity of the proposed wells. These are:

- ne ne 35-13n-29e, registered 1982; 6", 327' deep; water @ 215', 30 gpm (R. Brown)
- se nw 17-12n-28e, registered 1986; 6", 300' deep; flowing (SRP)
- ne nw 18-12n-28e, register 1992; 6", 60' deep; water @ 21'; 10 gpm (Jose Barreras)
- se ne ne 22-10n-29e, registered 1989, 10", 1050' deep, water @ 620' (ASLD)
- nw ne nw 25-10n-29e, registered 1948; 6", water @ 22' (ASLD)
- se sw se 27-10n-29e, registered 1992, 8", wtr @ 420' (ASLD)

The deeper wells are probably producing from the Permian Coconino Sandstone. The shallow wells are probably producing from surface alluvium. Ridgeway's proposal to set 8 5/8" surface casing well into the top of the Permian Supai will therefore be sufficient to protect the surface waters and all other reasonably estimated aquifers in the vicinity of the proposed wells.