

~~CONFIDENTIAL~~

Release Date _____

RESOURCE OPERATING 1 FEDERAL
SW SW 29-11N-22E NAVAJO CO.

835

COUNTY NAVAJO AREA 4 mi. no. of Show Low LEASE NO. Fed. A17805

WELL NAME RESOURCE OPERATING 1 FEDERAL

LOCATION SW SW SEC 29 TWP 11N RANGE 22E FOOTAGE 660 FSL, 790 FWL
 ELEV 6300 GR _____ KB _____ SPUD DATE 1-28-83 STATUS PEA 3-2-83 TOTAL DEPTH 4155
 COMP. DATE 3-2-83

CONTRACTOR Unknown

CASING IZE DEPTH CEMENT LINER SIZE & DEPTH DRILLED BY ROTARY _____
 DRILLED BY CABLE TOOL _____
 PRODUCTIVE RESERVOIR _____
 INITIAL PRODUCTION _____

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Jap of Coconino</u>	<u>320'</u>			
<u>" " Supai (transition)</u>	<u>870'</u>			
<u>" " Naco Fm</u>	<u>2700'</u>			
<u>Est. " " Miss. Red Wall</u>	<u>3740'</u>			
<u>" " Devonian Martin</u>	<u>3880'</u>			
<u>" " Undiff. Cambrian</u>	<u>3980'</u>			
<u>" " Pre Cambrian</u>	<u>4125'</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>Lithologic</u>			SAMPLE DESCRP.
<u>Sonic Log</u> } <u>31</u>		<u>4155'</u>	SAMPLE NO. <u>1833</u>
<u>DUAL Log</u> } <u>183</u>		<u>4155'</u>	CORE ANALYSIS _____
<u>Litho-Density</u>		<u>4155'</u>	DSTs _____
REMARKS <u>Mud log 4155'</u>			APP. TO PLUG <u>X</u>
			PLUGGING REP. <u>X</u>
			COMP. REPORT _____

WATER WELL ACCEPTED BY _____
 BOND CO. The Travelers Indemnity Co. BOND NO. 052-563F7114
 DATE 12-7-82
 BOND AMT. \$ 5,000 CANCELLED _____ ORGANIZATION REPORT X
 FILING RECEIPT 2354 LOC. PLAT X WELL BOOK X PLAT BOOK X
 API NO. 02-017-20021 DATE ISSUED 12-20-82 DEDICATION W/2 SW/4

PERMIT NUMBER 835 (over) Release Date 9-2-83

CONFIDENTIAL

Form 9-331
(May 1983)

RECEIVED

MAY 1983

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS
OTHER INSTRUCTIONS
VERSE SIDE

Form approved.
Budget Bureau No. 42-R1004

5. LEASE DESIGNATION AND SERIAL NO.
A17805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T. R. M., OR BLK. AND
SURVEY OR AREA
Sec 29, T11N, R22E

O & G CONSV. COMM.
SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Resource Operating Inc.

3. ADDRESS OF OPERATOR
1600 Stout Street, Ste 1500, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FSL and 790' FWL

14. PERMIT NO.
00835

15. ELEVATIONS (Show whether DF, ST, OR, etc.)
6300GL

12. COUNTY OR PARISH 13. STATE
Navajo AZ

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

17. 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.)*

Received verbal approval from Mr. R.A.Ybarra, Oil and Gas Conservation Commission, State of Arizona on March 1, 1983 to plug and abandon. Mr. Ybarra was on location.
1st plug 1400'-1300', 45 sx, Class H
2nd plug 900'- 800', 54 sx, Class H
Surface plug 50'- 0', 19 sx, Class H

Reason for abandonment: Non-commercial
Method of closing top of well: cemented market (4ft-4"OD pipe)
Date well site conditioned for final inspection: 3/18/1983

MINERALS MANAGEMENT SERVICE
OIL AND GAS

APR 13 1983

RECEIVED
BAKERSFIELD, CA.

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

SIGNED

TITLE Exploration Manager

DATE 4-7-1983

(This space for Federal or State office use)

APPROVED BY

J.P. Wagner

TITLE

Dist. SUPERVISOR

DATE

5-3-83

CONDITIONS OF APPROVAL, IF ANY: J. P. Wagner

cc: DMM, O&G, Western Region

Oil & Gas Conservation Commission

State of Arizona

*See Instructions on Reverse Side

RECEIVED

Form 9-331
(May 1963)

APR 13 1983

UNITED STATES
DEPARTMENT OF THE INTERIOR
O & G CONS. COMM.
GEOLOGICAL SURVEY

SUBMIT IN THIS DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
A17805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

Sec 29, T11N, R22E

1. OIL WELL GAS WELL OTHER

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Resource Operating Inc.

3. ADDRESS OF OPERATOR
1600 Stout Street, Ste 1500, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FSL and 790' FWL

14. PERMIT NO.
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15. ELEVATIONS (Show whether DF, BY, GR, etc.)
6300GL

12. COUNTY OR PARISH
Navajo

13. STATE
AZ

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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Received verbal approval from Mr. R.A.Ybarra, Oil and Gas Conservation Commission, State of Arizona on March 1, 1983 to plug and abandon. Mr. Ybarra was on location.
1st plug 1400'-1300', 45 sx, Class H
2nd plug 900'- 800', 54 sx, Class H
Surface plug 50'- 0', 19 sx, Class H

Reason for abandonment: Non-commercial
Method of closing top of well: cemented market (4ft-4"OD pipe)
Date well site conditioned for final inspection: 3/18/1983

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

SIGNED

TITLE

DATE 4-7-1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

APPLICATION TO PLUG AND ABANDON

RECEIVED

APR 13 1983

O & G CONS. COMM.

FIELD Wildcat

OPERATOR Resource Operating Inc. ADDRESS 1600 Stout Street, Ste 1500, Denver, CO80202
Federal, State or Indian Lease Number _____ or Lessor's Name if Fee Lease _____ Federal _____ WELL NO. #1

LOCATION 660'FSL and 790'FWL, Sec 29, Twp 11 North, Range 22 East, Navajo Co., AZ

TYPE OF WELL Dry hole TOTAL DEPTH 4155' (driller)
(Oil, Gas or Dry Hole) 4153' (logger)

ALLOWABLE (If Assigned) -

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

PRODUCING HORIZON N/A PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

Set 42' conductor pipe
Set 855', 9-5/8" , 22jts, 36#, STC, K-55 csg

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

1st plug 1400'-1300', 45 sx, Class H
2nd plug 900'- 800', 54 sx, Class H
Surface plug 50'- 0', 19 sx, Class H

Mr. R.A. Ybarra, Oil and Gas Conservation Commission, State of Arizona
was on location during abandonment

DATE COMMENCING OPERATIONS 3/1/1983

NAME OF PERSON DOING WORK Orvan Pickett ADDRESS P.O. Box 2535
Page, AZ 86040

Signature [Signature]

Title Exploration Manager

Address 1600 Stout Street, Ste 1500, Denver, CO 80202

Date April 7, 1983

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

Permit No. 00835

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
MAR 8 1983

AKA
44

1. Name of Operator Resource Operating Inc. O & G CONS. COMM.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name #1 Federal

Location 660' FSL and 790' FWL

Sec. 29 Twp. 11 North Rge. 22 East County Navajo, Arizona.

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

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"/>	MONTHLY 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"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			

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

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.)

Please keep all information confidential for six months

1. Total depth of well: 4155', (reached on 2-27-83 at 5:55pm)
2. Ran electric logs 2/27-2/28/83
3. Rig released at midnight 3/1/83
4. Plugged and abandoned on 3/2/83
 - First plug: 1400'-1300', 45sx Class H
 - Second plug: 900'-800', 54 sx Class H
 - Surface plug: 50'-0', 19sx Class H
5. Estimated sample tops:
 - Mississippian Red Wall: 3740'
 - Devonian Martin: 3880'
 - Undifferentiated
 - Cambrian sandstone: 3980'
 - PreCambrian: 4125'

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

Signed Jade King Title Geologist Date 3/3/83

Permit No. 00835

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

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS
DATE ON : 23-FEB-83 OFF: 25-FEB-83 FILE NO : 3806-7080
FORMATION : SUFAT LABORATORY: AURORA
DRLG. FLUID: WATER BASE MUD ANALYSTS : JN:MJ:FD
LOCATION : SEC. 29-T11N-R22E ELEVATION : 6281'GL

Plw 835
DIVERSIFIED RESOURCES LIMITED
NO. 1 FEDERAL WELL
WILDCAT
NAVAJO COUNTY, ARIZONA

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MD MAX Kb	He POR	OIL% WTR% FORE PORE	GRAIN DEN	DESCRIPTION
1	1647.0-48.0	0.82	10.3	0.0 71.2	2.45	GYP WH: F XLN ARG
2	1648.0-49.0	0.13	7.3	0.0 75.0	2.40	GYP WHT F XLN ARG
3	1649.0-51.0	0.70	19.4	0.0 76.7	2.54	NO ANALYSIS - CLIENT REQUEST
4	1651.0-52.0	0.92	20.2	0.0 98.2	2.64	GYP WHT F XLN ARG
5	1652.0-53.0	1.8 F	20.8	0.0 98.8	2.68	NO ANALYSIS - CLIENT REQUEST
6	1653.0-54.0	1.4	24.3	0.0 98.2	2.64	GYP WHT F XLN ARG
7	1654.0-55.0	9.7	23.8	0.0 92.0	2.80	NO ANALYSIS - CLIENT REQUEST
8	1655.0-56.0	1.3	21.7	0.0 80.5	2.79	DOL LT BRN F XLN
9	1656.0-57.0	3.1	20.3	0.0 79.3	2.78	DOL LT BRN F XLN
10	1657.0-58.0	7.7	20.7	0.0 57.5	2.76	DOL LT BRN F XLN
11	1662.0-63.0	48.	25.8	0.0 70.8	2.78	NO ANALYSIS - CLIENT REQUEST
12	1663.0-64.0	12.	23.3	0.0 93.0	2.78	DOL LT BRN F XLN
13	1664.0-65.0	0.25	17.1	0.0 89.0	2.76	NO ANALYSIS - CLIENT REQUEST
14	1667.0-68.0	0.48	15.4	0.0 99.3	2.78	DOL LT BRN F XLN
	1669.0-75.0					NO ANALYSIS - CLIENT REQUEST
	1675.0-76.0					NO ANALYSIS - CLIENT REQUEST
	1676.0-77.0					NO ANALYSIS - CLIENT REQUEST

Exhibit No. 2
St. Johns Prospect
Apache Co., Arizona

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty of representation as to the accuracy of the data.

3-1-83 - went to well @ 8:00 am - nobody was around & the hands didn't know the plans. Finally caught up with Pickett & he told me that they had decided to abandon. Pickett said he had talked them out of a straddle test @ $\pm 1644'$ because of the washed-out portion near this depth - also, that a couple of wells would be drilled in the future.

Halliburton arrived @ 6:00 pm & starting plugging $\pm 7:40$ pm. Plugged intervals 1400-1300' \pm , 900-800' \pm and 68-12' w/ total of 120 Sk of cem.

Departed @ 9:15 pm Arrived home @ 1:00 am

those present on this job:

Orvan Pickett, Drilling Consultant
Ed Simmonds, Gen. w/ Res. Ops. Inc.

Mileage 61042/61582

58 units of gas @ T.D. not reported to me.

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FEB 28 1983

O & G CONS. COMM.

SUNDRY NOTICES AND REPORTS ON WELLS

AKO

1. Name of Operator Resource Operating Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name #1 Federal

Location 660' FSL and 790' FWL

Sec. 29 Twp. 11 North Rge. 22 East County Navajo, Arizona.

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

5. Field or Pool Name Wildcat

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TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
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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.)

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.)

Please keep all information confidential for six months

1. Depth (as of February 24, 1983, 6:00 a.m.): 3518'
2. Top of Naco Fm. estimated at 2700'

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

Signed Jude S. Way Title Geologist Date February 25, 1983

Permit No. 00 835

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

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

FEB 22 1983

O & G CONS. COMM.

AKA 24

1. Name of Operator Resource Operating Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name 1 Federal
 Location 660' FSL and 790' FWL
 Sec. 29 Twp. 11 North Rge. 22 East County Navajo, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Federal lease
 5. Field or Pool Name Wildcat

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(OTHER) _____			

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Please keep all information confidential for six months

1. Depth (as of February 17, 1983, 6:00 a.m.) 1710'
2. Drilled and recovered 30' core (1647'-1677')

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

Signed Jude A. Wong Title Geologist Date February 17, 1983

Permit No. 00835

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

RECEIVED

FEB 15 1983

O & G CONS. COMM.

*OKS
24*

SUNDRY NOTICES AND REPORTS ON WELLS

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2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name #1 Federal

Location 660' FSL and 790' FWL

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(OTHER) _____		(OTHER) _____	

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1. Set 855', 22jts 9-5/8" surf csg. on 2/7/83.
2. NU BOP's on 2/8/83
3. Depth as of 2/9/83, 6 a.m.: 1,315'
4. Top of Supai (transition zone): 870'

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

Signed Jade S. Wong Title Geologist Date February 10, 1983

Permit No. 00835

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

2-8-83

Resource Operating, Inc.
well No 1 Federal

2-4-83 Departed Phoenix @ 11:45 a.m.

Arrived in Stokow @ 5:00 pm & checked in at the Apache Pines Motel.

Went out to the wellsite at 7:00 pm, met A. Pickett, Drly. Supt., & he reported:

- T.D. 620' (in Coconino)
- that the surf. csg. would be run & cem. \pm midnite & that he would stop by to let me know
He didn't show up.

2-5-83 Went out to wellsite @ 7:00 am & learned of the following from the tour report:

- T.D. 756'
- Mechanical problems @ 3:00 a.m. - bearing on right angle rotary drive gave out; parts were ordered & were on their way from Grants, would be here about 2:00 pm

Met w/ A. Pickett at his room & he confirmed the problem. I left for the Sponseller wellsite to check if the "radioactive" symbol (as required by radiation) was installed - was unable to get to the wellsite because of poor road conditions.

Went back to wellsite (Res. Oper. Inc.) & was informed that the part was in town in a machine shop being modified to fit rig - resumed drilling at 9:00 pm

2-6-83 Went out to wellsite: T.D. 850' (still in Coconino)

Had planned to set pipe @ 800' but because they are

still in Coconino transition now plan to set pipe @ 940'
well below the base - ordered more pipe (4 jts)
At 11:00 pm T.D. 1040' started running pipe +
by 3:00 a.m. Monday they had ~~only~~ managed to run in
only 4 jts. - were hung up tight @ $\pm 90'$ - finally fell
thru tight spot + running in of the pipe was no problem
until the next-to-last joint was run - it stuck solidly @
856' \pm + would not budge an inch. Didn't have enough rig to
work the pipe -

on conf. call between Hal Addington, Jeff Yarus, and myself
+ Pickett we decided to cement at that depth (856' \pm)
Finished cementing w/ good returns to the
surface, as follows: 4 5/8", Q5#, J-55, @ 856'
w/ 425 Sacs of cement -

Left for Phx @ 9:00 pm + arrived in Mesa @
2:00 a.m. Tues. morning

mileage 560

RECEIVED
FEB 7 1983
O & G CONS. COMM.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Resource Operating Inc.
2. OIL WELL GAS WELL OTHER (Specify) _____
3. Well Name 1 Federal
Location 660' FSL and 790' FWL
Sec. 29 Twp. 11 North Rge. 22 East County Navajo, Arizona.
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SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>

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Please keep all information confidential for six months.

1. Well spudded on Friday, January 28, 1983 at 6:00 pm.
2. Set 40' of conductor pipe on January 30, 1983
3. Depth as of February 4, 1983, 6:00 am : 416'.
4. Top of Coconino: 320'.

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

Signed Jade S. Wong *Jade S. Wong* Title Geologist Date February 4, 1983

Permit No. 00835

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



PERMIT TO DRILL

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

To: RESOURCE OPERATING INC.
(OPERATOR)

to drill a well to be known as

1 FEDERAL
(WELL NAME)

located 660' FROM SOUTH LINE, 790' FROM WEST LINE

Section 29 Township 11 NORTH Range 22 EAST, NAVAJO County, Arizona.

The W/2 OF SW/4 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 20th day of December, 19 82.

OIL AND GAS CONSERVATION COMMISSION

By [Signature]
Enforcement EXECUTIVE DIRECTOR

PERMIT

00835

RECEIPT NO. 2354

A.P.I. NO. 02-017-20021

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

TEN FOOT SAMPLES ARE REQUIRED FROM SURFACE

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

OCT 15 1982

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR O & G CONS. COMM.
Resource Operating Inc.
c/o H. W. Addington & Associates, Inc.
620 Petroleum Bldg.

Address 110 - 16th St. City Denver State CO 80202

Drilling Contractor
Unknown

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor <u>A17805</u>	Well number <u>Federal No. 1 Fee</u>	Elevation (ground) <u>6300' GL</u>
---	---	---------------------------------------

Nearest distance from proposed location to property or lease line: feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet
<u>NA</u>	<u>NA</u>

Number of acres in lease: <u>5895.7</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>None</u>
--	---

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

Well location (give footage from section lines) <u>660' FSL & 790' FWL</u>	Section—township—range or block and survey <u>Sec. 29, T11N, R22E</u>	Dedication (Comply with Rule 105) <u>80 acres 1/2 of SW/4</u>
---	--	--

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

Distance in miles, and direction from nearest town or post office
4 miles north of Showlow, Arizona

Proposed depth: <u>4000' ±</u>	Rotary or cable tools <u>Rotary</u>	Approx. date work will start <u>Nov. 1, 1982</u>
-----------------------------------	--	---

Bond Status Amount <u>\$5,000</u>	Organization Report On file Or attached <u>X</u>	Filing Fee of \$25.00 Attached <u>Yes</u>
--------------------------------------	---	--

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the _____ (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.

[Signature]
 Signature

October 7, 1982
 Date

Permit Number: 835
 Approval Date: 12/20/82
 Approved By: R. A. yfana

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

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

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission 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 _____ NO X
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO _____. If answer is "yes," Type of Consolidation Assignment
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner High Plains Petroleum Corp.	Land Description All of Section 29
CERTIFICATION	
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
Name <u>[Signature]</u> Position <u>President</u> Company <u>H. W. Addington & Assoc., Inc.</u> Date <u>October 7, 1982</u>	
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 _____	
Registered Professional Engineer and/or Land Surveyor _____	
Certificate No. _____	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
9-5/8"	36	K-55, STC	0	800'+	Circulate to surface		
5-1/2"	11.5	K-55, STC	0	4000'	500' above top producing zone		

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Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1426.

O & G CONSV. COMM.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy sent by operator to
F.S. 10-12-82

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Resource Operating Inc.
3. ADDRESS OF OPERATOR
c/o H. W. Addington and Associates, Inc.
620 Petroleum Bldg, 110-16th St., Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
SW SW 660' Ft. S. line, 790' Ft. W. line. RJK
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
A17805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T11N, R22E

12. COUNTY OR PARISH 13. STATE
Navajo Arizona

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

4 miles north of Showlow, Arizona

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
5895.7

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
4000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Est. 6300' GL

22. APPROX. DATE WORK WILL START*
November 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36	800'+	Circulate to surface
7-7/8"	5-1/2"	11.5	TD	500' above top productive zone

Attachments:

1. Survey Plat
2. Location Cross-Section
3. Archeology Report
4. Ten Point Drilling Program
5. Multipoint Surface Use and Operation Plan

MINERALS MANAGEMENT SERVICE
OIL AND GAS

OCT 12 1982

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DENVERFIELD, CO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED H. W. Addington TITLE Consulting Engineer DATE October 7, 1982

(This space for Federal or State office use)

PERMIT NO. 835 APPROVAL DATE _____

APPROVED BY J. P. Wagner TITLE Dist. Supervisor DATE 10-28-82

CONDITIONS OF APPROVAL, IF ANY: J. P. Wagner

cc: DMM, O&G, Western Region
Oil & Gas Conservation Commission
State of Arizona
J. Stout, Ely, NV

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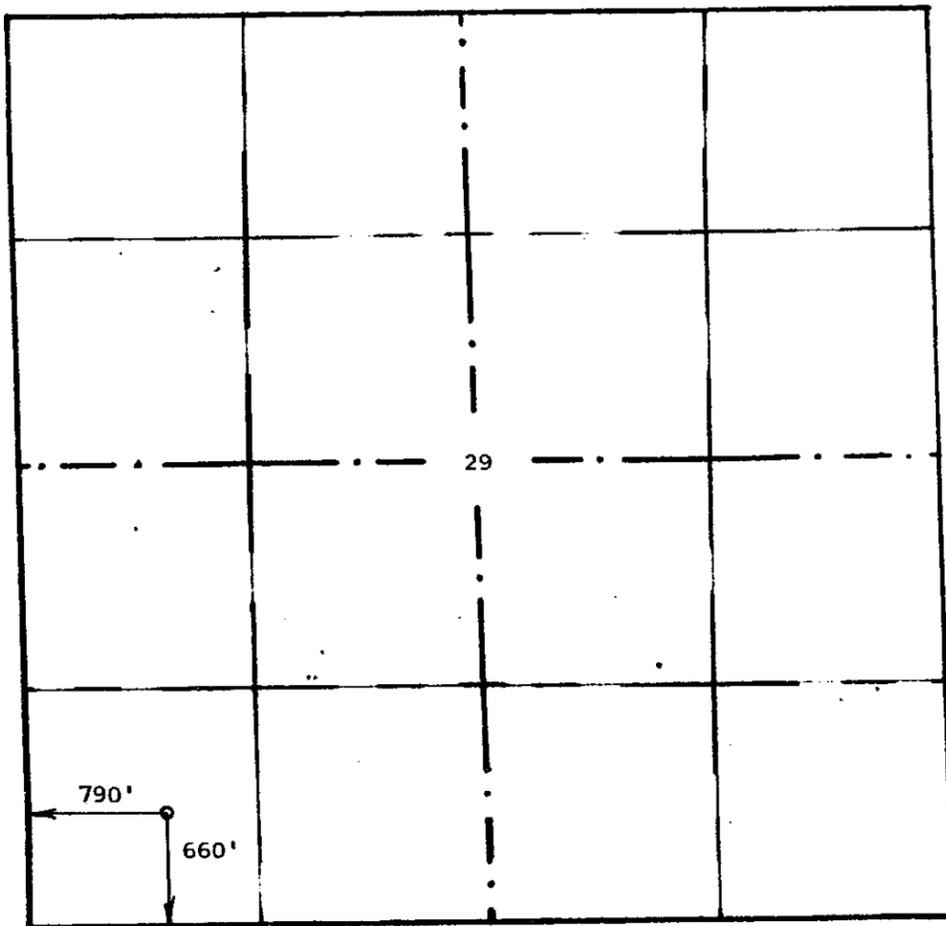
OCT 15 1982



POWERS ELEVATION

O & G CONS. COMM.

Well Location Plat



1"=1000'

Operator Resource Operating, Inc.		Well name #1 Federal	
Section 29	Township 11 North	Range 22 East	Meridian Gila and Salt River
Footages 660' FSL & 790' FWL			County/State Navajo, AZ
Elevation 6281'	Requested by Hal Addington		
The above plat is true and correct to the best of my knowledge and belief.			
5 Oct. 1982		<i>Gerald Huddleston</i> Gerald G. Huddleston, L.S.	

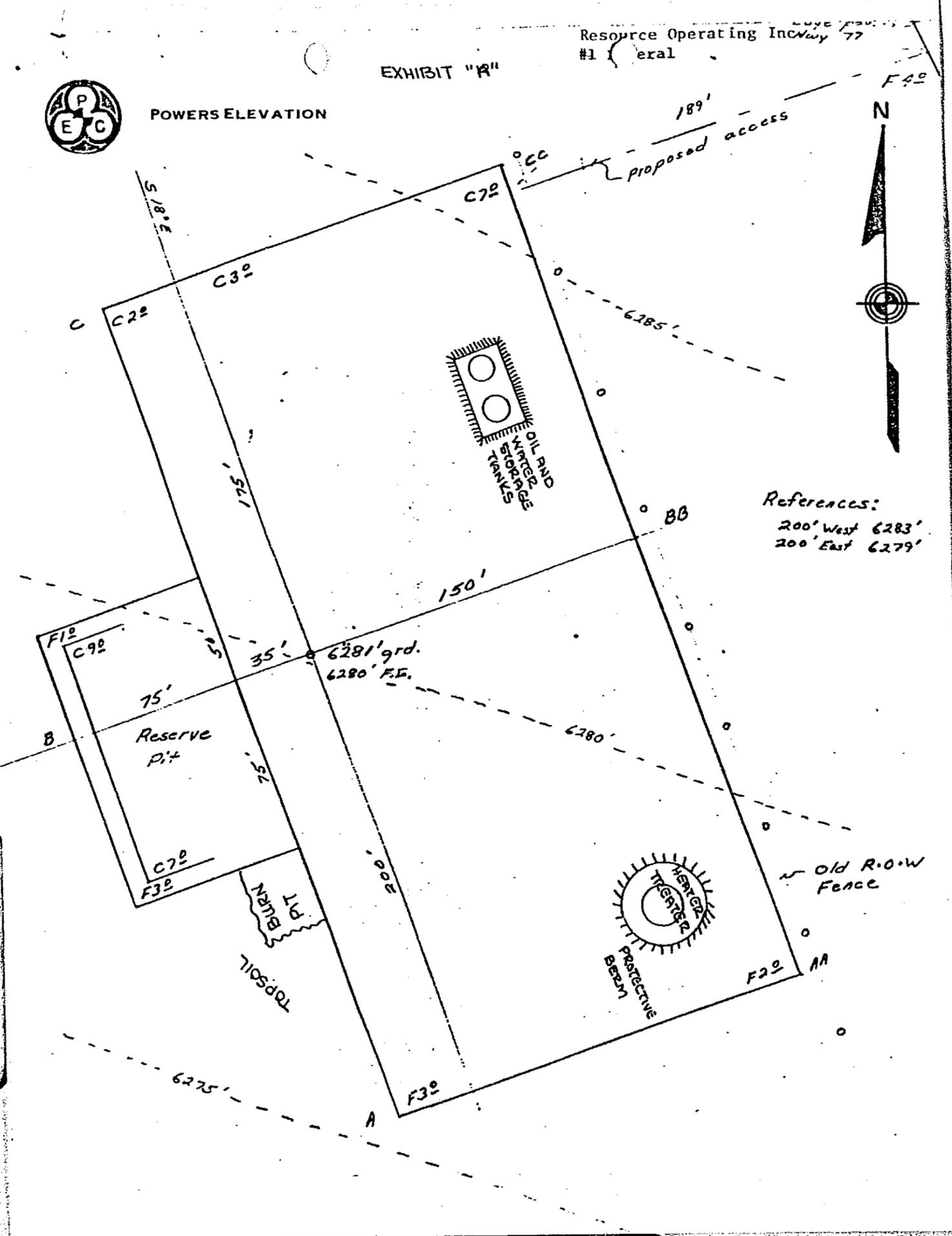


Resource Operating Inc May 77
#1 (eral

EXHIBIT "R"



POWERS ELEVATION





POWERS ELEVATION

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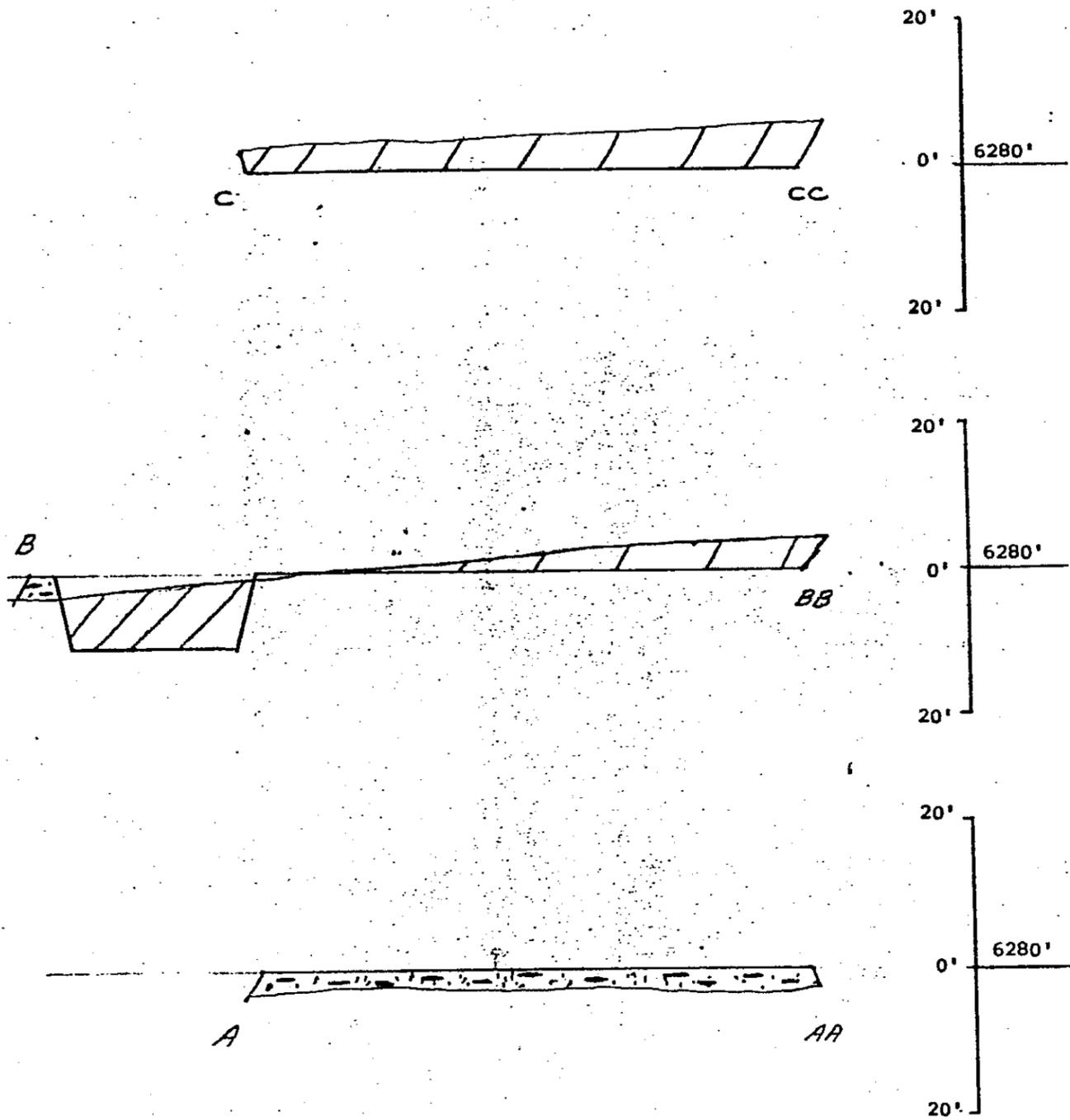
O & G CONS. COMM.

Resource Operating Inc.
Well #1 Federal

OIL WELL ELEVATIONS - LOCATIONS
ENVIRONMENTAL - ARCHAEOLOGICAL SERVICES
800 SOUTH CHERRY STREET, SUITE 1301
DENVER, COLORADO 80222
PHONE NO. 303/221-2217

Cut // 8000 cy
Fill: 3/00 cy

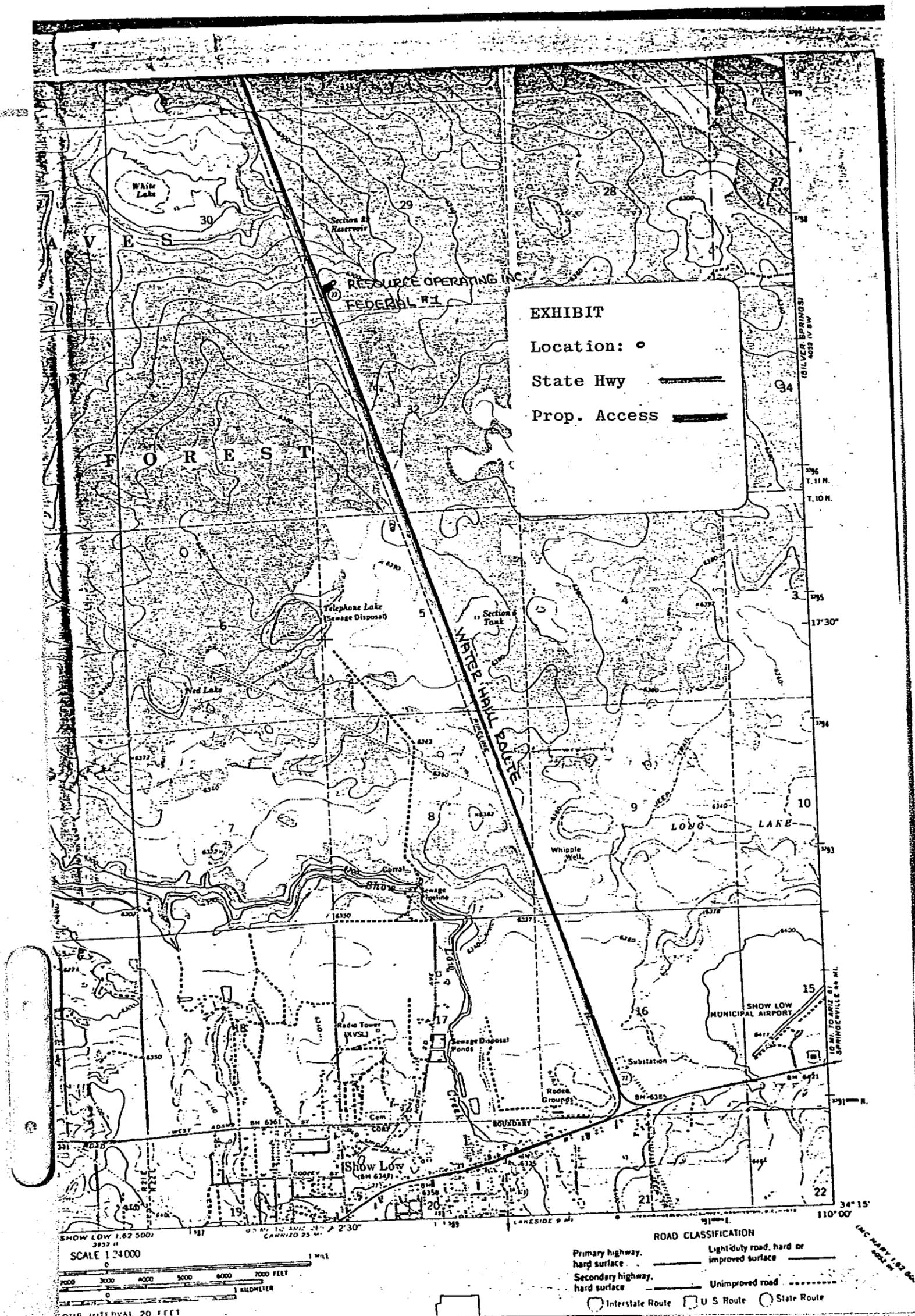
Scales: 1"=50'H.
1"=20'V.



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OCT 18 1982

O & G CONS. COMM.



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OCT 18 1982

TEN POINT PROGRAM

Resource Operating Inc.
Federal #1
SW SW Sec. 29, T11N, R22E
Navajo County, Arizona

1) O & G CONS. COMM.
GEOLOGIC SURFACE FORMATION

The surface formation is Permian

2 & 3) GEOLOGIC MARKERS AND PRODUCTIVE INTERVALS

<u>Formation</u>	<u>Estimated Top</u>	<u>Possible Production</u>
Coconino	222'	W
Supai	660'	
Fort Apache	1450'	H, W
Naco	2650'	
Red Wall	3425'	
Martin	3525'	H
Cambrian	3875'	H
Pre-Cambrian	3950'	
TD	4000'	

W = water H = Hydrocarbon (oil or gas) C = Coal S = Steam

4) CASING PROGRAM

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd & Cond</u>	<u>Depth</u>
12-1/4"	9-5/8"	K-55	36#	8rd, STC	800' ±
7-7/8"	5-1/2"	K-55	11.5#	8rd, STC	TD

5) CONTROL EQUIPMENT SPECIFICATIONS

As checked below the following equipment will be utilized for detection and control during the drilling operation.

BLOW OUT PREVENTORS

Size 10" Pressure Rating 3000

Pipe Rams 4-1/2" Blind Rams Yes Pipe Rams No

Annular Preventor Yes

Rotating Head Yes

Kill Line Size 2" - 3000 Valves 2" x 3000 psi Check 2" x 3000 psi

MANIFOLD

Size 2" Valves 2" Pressure 3000

Positive Choke Yes Adjustable Choke Yes

Hydraulic Choke No

Power Operated Valve No

See Exhibit I attached for additional detail BOP Equipment will be installed BOP stack
and casing tested to 1000 psi before drilling below 8-5/8".

Surface - drill with a gel-lime spud mud.

6) DRILLING FLUIDS

Will try to drill with aerated fluids initially under 8-5/8" casing; mud will be used if water flows too great for air mist or foam.

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-700'	Gel-Lime	8.6-9.0	35-50	NC	Fresh water
700-4000'	LSND	8.7-9.0	34-38	10-15	May have Gyp/Anhydrite problems & lost circulation

Possible Sub Normal Pressured Zones Coconino, Supai, Naco

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock Yes

Lower Kelly Cock No

Floor Valve DP Yes

Floor Valve DC Yes

Float in DC Per contractor specifications

Inside BOP (Dart Valve) No

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit w/gas detector
Pit Volume Totalizer No
Flow Line Sensor No
Flow Line Temperature No
Sour Gas Detector No
Pump Stroke Counter No
Degasser No
Mud Gas Separator Yes
Drilling Data Unit No
Other Fire float for air drilling

8) EVALUATION

A) Testing

Possibly three. All significant hydrocarbon shows will be tested.

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs:</u>	<u>Interval</u>
Dry hole - Dual Induction, Sidewall Neutron		700'-TD
Wet hole - DILL-SFL, GR-CNL-FDC, BHC Sonic, Cyberlook		

C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
Fort Apache	Full	

9) DRILLING HAZARDS

Water flows and lost circulation.

10) Starting Date

Duration

November 1, 1982

25 days

DRILLING PROGRAM PREPARED BY H. W. ADDINGTON AND ASSOCIATES, INC.

H. W. Addington

RECEIVED

OCT 16 1982

O & G CONS. COMM.

RESOURCE OPERATING INC.

DRILLING PROGNOSIS

LEASE: Federal WELL NO.: 1
FIELD: Wildcat STATE Navajo County, Arizona
LOCATION: SW SW
Section 29, T11N, R22E
PROJECTED TD: 4,000'+ ELEVATION: 6,300'
OBJECTIVE: Precambrian

DRILLING, CASING AND CEMENTING PROGRAM:

1. Build road, location and mud pits.
2. MI, RURT and air compressors.
3. Drill a 12-1/4" hole to 800'+. Rat hole ahead below this depth with 7-7/8" to ensure stable casing seat.
4. Run and cement 9-5/8", 36#, K-55, STC, 8rd with sufficient Class "G" and 3% CaCl to circulate cement to surface.
 - (a) If cement does not circulate, top out with ready mix or pea gravel.
 - (b) Tack weld guide shoe and top and bottom of first collar.
5. Install weld on casing head and NU BOP's.
6. Hook up air compressors and manifold them to stand pipe.
7. Test casing and stack to 1000 psi.
8. Drill out float, cement and shoe.
9. Unload casing and try to dry up hole.
10. Drill hole with air foam system.
 - (a) Circulating fluid will depend upon amount of formation water or liquids encountered.
 - (b) Mud up if water flows are too great to be handled with air type drilling.
11. Drill hole to total depth.
 - (a) Core top of Fort Apache.
 - (b) DST significant shows if drilling with mud or test zones by shutting off compressors if drilling with air medium.
12. Run logs as requested by geologist.
13. If well is productive, then run 5-1/2", 11.5#, K-55, STC, 8rd to TD. Bring cement 500' above top anticipated producing zone.
14. If well is dry, then plug well according to USGS instructions.

NOTE: When using air, air mist or foam type drilling system:

1. Mix a 50-50 mixture of diesel and filming amine.
2. Fill rotating head rubber with above mixture and strip drill pipe and collars out of hole while coating outside of drill string.
3. Pour 5 gallons of above mixture down drill string while stripping out of hole.

DRILLING TIME:

A mechanical recorder with Rate of Penetration, Hook Load and torque will be used from spud to total depth.

FORMATION TOPS:

222'	Coconino	3525'	Martin
660'	Supai	3875'	Cambrian
1450'	Fort Apache	3950'	Precambrian
2650'	Naco	4000'	TD
3425'	Redwall		

DRILL PIPE MEASUREMENTS:

1. Drill pipe will be tallied at all coring, testing, logging, and casing points.
2. At other points as directed by Company representative.
3. CATWALK, V-DOOR AND MOUSE HOLE WILL BE CLEARED OF ALL DRILL PIPE AND DRILL COLLARS WHEN DRILL STRING IS BEING STRAPPED OUT OF OR INTO THE HOLE EXCEPT FOR D.P. AND D.C.s THAT GO INTO THE HOLE.

HOLE DEVIATION:

1. Deviation surveys shall be taken every 500 feet or each trip, whichever occurs first, and at other times as deemed necessary by Company representative.
2. Maximum deviation shall be allowed as follows:
 - A. A maximum of 1 degree on surface hole.
 - B. Maximum rate of change in deviation below surface casing shall not exceed 1 degree(s) per 100 ft., 1-1/2 degree(s) per 1000 ft., or a total of 6 at T.D.
3. Record each survey on the A.A.O.D.C. Drilling Sheet.

CASING PROGRAM

<u>SECTION</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>CONNECTION</u>
0-800'+	800'	9-5/8"	36#	K-55	STC, 8rd
800'-TD	3300'	5-1/2"	11.5#	K-55	STC, 8rd
0-4000'	4000'	2-3/8"	4.7#	J-55	8rd, EUE

All casing and tubing will be drifted and boxes and pins cleaned with diesel prior to running in the hole.

REPORTS:

1. A 6 a.m. drilling report including depth, formation, time distribution, mud properties, bit record, weight on bit, rotary speed, pump pressure, daily and cumulative water used, daily and cumulative mud cost and other pertinent information to be called in to H. W. Addington & Associates, Inc. and/or Call Denver, Colorado at 8 a.m. with report. (303) 629-6924.
2. The yellow sheet of the A.A.O.D.C. report filled out complete, the original copy of the drilling time recorded, copies of water tickets, copies of any other invoices signed and received for H. W. Addington & Associates, Inc. and/or will be mailed daily to:

620 Petroleum Building
110 - 16th St.
Denver, CO 80202

3. Telephone numbers for emergencies, reports, and key personnel:

H. W. Addington	303-629-6924 (office)
	303-755-4309 (residence)
Ed Simmons	303-595-3957 (office)
	303-777-6285 (residence)
Jeffrey Yarus	303-595-3957 (office)
	303-399-9207 (residence)
Tony Schneider	215-925-3233 (office)

SATURDAYS AND SUNDAYS - DRILLING REPORTS

Ed Simmons	303-777-6285
Jade Wong	303-355-6938
Jeffrey Yarus	303-399-9207

PREPARED BY: *H. W. Addington*

APPROVED: *H. W. Addington*

DATE: October 7, 1982

H. W. () DINGTON AND ASSOCIATES, INC. ()

SAFETY EQUIPMENT REQUIREMENTS

1. a. Two 10" API 3000 hydraulic ram type BOPs or one 10" API 3000 hydraulic double ram type BOP.
 - b. Two positive valves and a check valve on the kill line side of the BOP assembly and two positive valves on the choke line side, one of which will be a C.I.W. HRC or equivalent.
 - c. A choke manifold with a 4" line straight through. The choke manifold must be located outside of the rig substructure. Manifold will have two adjustable chokes.
 - d. All of the above equipment must be 3000 psi W.P. (6000 TP) and all connections will be flanged, except the 2" and 4" lines downstream of the choke manifold. Contractor will furnish all the necessary BOPs, valves, flanges, lines, etc.
 - e. BOPs will be equipped with extension rods and the hand wheels will be located outside of the substructure.
2. The hydraulic BOP closing unit must be located at least 100' from the wellhead with a remote control unit on the rig floor.
 3. A full opening drill pipe safety valve with proper connections will be kept on the rig floor at all times. The kelly cock below the swivel should be 5000 psi W.P. and in good working condition.
 4. Vapor proof lights, switches, and wiring are required. All electric motors on the rig floor, shale shaker, or mud tanks shall be explosion proof.
 5. NO OPEN FLAME HEATERS, OPEN FIRES, OR SMOKING WILL BE ALLOWED ON THE DRILLING RIG OR IN THE IMMEDIATE AREA.
 6. Have all rig crews, including tool pusher, familiar in kick detection and blow out control procedures.
 7. In the event of any H₂S bearing formations being drilled. Have H₂S detectors installed on the shale shaker and mud pits, and mud logging trailer with appropriate alarm systems attached.

H. W. Addington
AND ASSOCIATES

RECEIVED

OCT 13 1982

O & G CONS. COMM.

PETROLEUM ENGINEERING CONSULTANTS

620 PETROLEUM BUILDING
DENVER, COLORADO 80202
PHONE 629-6924

RESOURCE OPERATING INC.
FEDERAL NO. 1
SURFACE USE PLAN

1. Existing Roads
Distance from Showlow, Arizona is 4 miles north on State Highway 77.
The location will be about 250 miles east of the highway. See topo map.
2. Access Road
A 18' wide road will be bladed east from highway 77 to the well pad. A 12' culvert with cover will be installed near highway edge and a 20' wide cattle guard will be installed in the right-of-way fence. Refer to enclosed plan view sent to Arizona Department of Transportation.
3. Location of Existing Wells
There is no type or category of well present within a one mile radius of this well.
4. Location of Production Equipment
At the present time, there are no Diversified Resources tank batteries, production facilities, oil or gas gathering lines, injection or disposal lines within a two mile radius.

The existing well pad will be used for location of equipment if commercial production is found.

Production area will be built with native materials and if not available, then arrangements will be made to acquire them from a private source.

Onsite Inspection Comments:

Federal No. 1
Surface Use Plan
Page Two

Total area needed for production of this well will be fenced and cattle guards installed for access to the facilities.

If production facilities are needed, they will be constructed as shown in Exhibit "A".

Rehabilitation of the disturbed area not required for production of this well will be in accordance with those requirements listed in items #7 and #10.

5. Location and Type of Water Supply

Water will be trucked over highway 77 after it is purchased from town of Showlow, Arizona.

6. Construction Materials

All construction materials for this location and road shall be borrowed material accumulated during construction of the pad and access road. No additional road gravel or pit liner material are anticipated at this time; these materials can be acquired from private sources if required.

7. Waste Disposal

Refer to location layout. A reserve and burn pit will be constructed.

Reserve pit depth will be approximately 6' below ground level. This pit will contain non-flammable materials such as cuttings and drilling fluids. A test tank will be used for containing any produced fluids.

The reserve pit bottom and sides can be lined with gel if deemed necessary by agencies.

Reserve pit will be fenced on three sides at time drilling begins and will be fenced on fourth side when drilling is completed. The pit will be allowed to dry completely prior to back filling and reclamation of the surface area.

Reclamation will begin when the pit dries. The pit will be covered with the stockpiled soil and reseeded as recommended by the surface management agency.

Onsite Inspection Comments:

Federal No. 1
Surface Use Plan
Page Three

All flammable material will be put in a wire enclosed pit, burned and then buried at the end of well operations.

Non-burnable material will be buried in the bottom of the reserve pit and covered upon completion of well activity.

A portable chemical toilet will be supplied for rig personnel use.

8. Ancillary Facilities

No ancillary facilities other than normal trailers for permanent onsite personnel will be needed at the present time, nor are any foreseen in the near future.

9. Well Site Layout

See attached location plan view.

Appropriate surface management agency will be notified before any construction begins.

As mentioned in item #7, the pits will be unlined unless it is determined that the earth is too porous and cause contamination to the surrounding area. The pits can be lined with gel or plastic to make them safe and tight.

10. Surface Restoration

Topsoil will be stripped and stockpiled. (Refer to location plan view). After all drilling, completion and production activities have been completed, the well site and access road will be reshaped to original contour and stockpiled topsoil spread over the disturbed area.

The reserve pit will be completely fenced, overhead wiring and flagging installed if there is oil on the pits and the pit allowed to completely dry before covering operations begin.

Restoration shall begin as soon as possible after the pit has dried and will continue until all work is satisfactorily done.

Onsite Inspection Comments:

Federal No. 1
Surface Use Plan
Page Four

11. Other Information

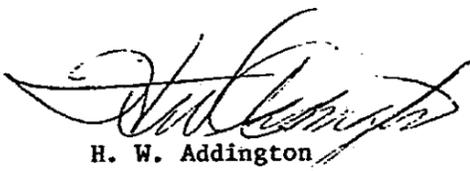
Drillsite is located on rocky ground with a sparse cover of native grass, small cedar and pinon trees native to the area and cactus. Terrain is basically flat. No particular animal life was observed during survey operations; however, this would mainly consist of deer, rabbits, livestock and lizards. An archeology report is being sent under separate cover. Land useage is grazing, recreation, and fuel wood source.

12. Operator's Representative

H. W. Addington and Associates
620 Petroleum Building
110 - 16th Street
Denver, CO 80202

13. Certification

I hereby certify that I, or person's under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this plan, terms and conditions with this plan and the terms and conditions under which it is approved.

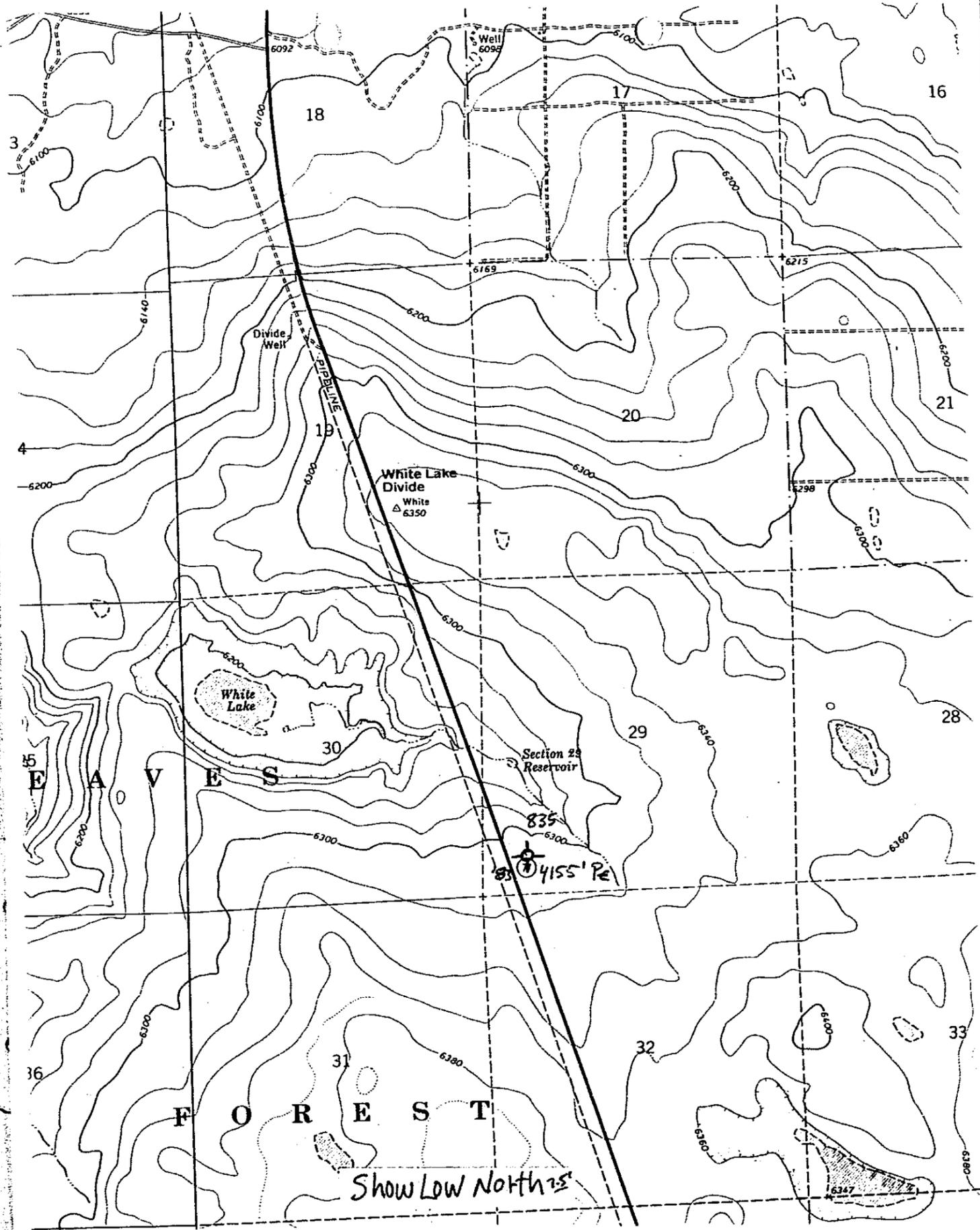

H. W. Addington

Federal No. 1
Surface Use Plan
Page Five

I hereby certify that H. W. Addington is my agent, has prepared the drilling program, Application for Permit to Drill, and supplemental information herein contained. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Diversified Resources Limited.

Ed Simmons

Ed Simmons



Re: ROI core

Subject: Re: ROI core
Date: Wed, 16 Aug 2000 09:40:19 -0700
From: Steve Rauzi <Rauzi_Steve@pop.state.az.us>
To: lskelton <lskelton@kgs.ukans.edu>

Larry,

Thank you for reminding me of the ROI core. I discussed it again with Larry Fellows this morning and we have decided that the benefits of having the core is not worth the cost of shipping the core to Tucson.

We reached this decision because we have the core analysis and description in the well file, have cuttings and core chips from several wells within a 15-mile radius of the ROI hole, and have limited space in our core repository.

Thank you for advising us of the core. I apologize for not getting this decision to you sooner.

Steve

lskelton wrote:

> Steve,
> Have you guys decided how you want to ship that core we talked about?
> Larry

KU GEOLOGICAL SURVEY TEL No. 3169431261

May 3, 2015 15:50 No. 003 P. 01



KANSAS GEOLOGICAL SURVEY
Wichita Well Sample Library

Well Samples
Publications Sales
4150 Monroe
Wichita, Kansas 67209
316-943-2343

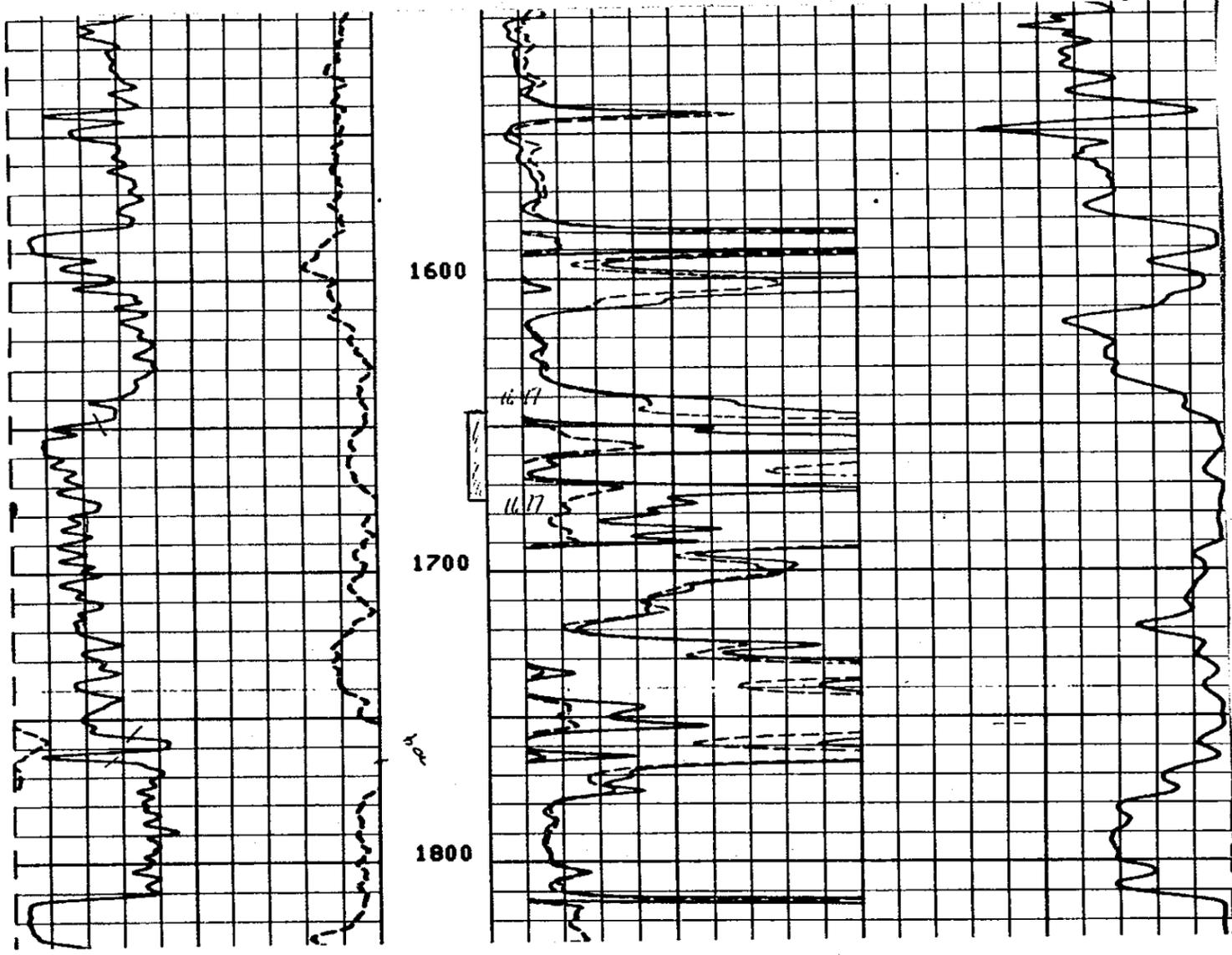
e-mail lskelton@kgs.ukans.edu

To: Steve Rauzi - AGS
Fax 520-770-3505

Steve,

The are only 11 (eleven) boxes of The ROI
Fed #1 core. (The other boxes were some unident.
Wyoming wells). The 11 of interest to AGS
contain footage from 1647 ft. to 1677 ft
inclusive and together weigh 309 pounds.
Probably could add another 40-50 lbs. for
wooden shipping pallet altho we could strap
them between pieces of wassmite for something
lighter but still support for boxes. All boxes are
3-ft long.

James Skelton



11 boxes - 3" x 3" x 3' 309# + 50# under pallet \approx 400 #'s

Viking 800-845-4647
 \$221.15 business to business Quote # 0512-0431 good for 1 week
 call US Road @ 303-296-7363

Roadway Express 624-7431 = Class 50 (rocks)
 \$235.05 3.5% surcharge = 8.22 = \$247.27



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

April 26, 1983

Ms. Sandra L. Waterhouse
Diversified Resources Limited
Hudson's Bay Centre-Suite 1500
1600 Stout Street
Denver, Colorado 80202

Re: Resource Operating, Inc.
Well No. 1 Federal
Navajo County, Arizona

Dear Ms. Waterhouse:

This will acknowledge receipt of the mud log on subject well.

Receipt of this log fulfills all requirements on this well and now qualifies Bond No. 052-563-F-7114 for release.

Thanks for your promptness and if I can be of any further assistance, please advise.

Sincerely,

R. A. Ybarra

R. A. Ybarra
Enforcement Director

RAY:bg

4
835

DRL
Diversified
Resources
Limited

RECEIVED
APR 25 1983
O & G CONS. COMM.

April 21, 1983

Oil & Gas Commission
1645 West Jefferson
Suite 420
Phoenix, Arizona 85007

Attention: Oil & Gas Minerals Section
Re: Bond No. 563F7114

TO WHOM IT MAY CONCERN:

We would like to have Bond No. 563F7114 for the #1 Federal well in Navajo County, Arizona released for cancellation. Drilling on this well was completed March 1, 1983 and was plugged and abandoned.

I would appreciate hearing from you as soon as possible. Please do not hesitate to contact me at the address stated below if you need any further information.

Very truly yours,

Sandra L. Waterhouse
Sandra L. Waterhouse
Project Coordinator

SLW:jj

DRL
Diversified
Resources
Limited

RECEIVED
APR 25 1983
O & G CONS. COMM.

April 21, 1983

Mr. R.A. Ybarra
Oil and Gas Conservation
Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Dear Mr. Ybarra:

Thank you for your letter of April 5, 1983. Please excuse the error, I have now enclosed the mud log for the #1 Federal in Navajo County, Arizona. This should complete your well file.

Please do not hesitate to contact me if I can be of further assistance.

Very truly yours,

Sandra L. Waterhouse

Sandra L. Waterhouse
Project Coordinator



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

April 5, 1983

Ms. Sandra Waterhouse
Diversified Resources Limited
Hudson's Bay Center-Suite 1500
1600 Stout Street
Denver, Colorado 80202

RE: Resource Operating Inc.
Well No. 1 Federal
Sec 29 T11N R22E
Navajo County

Dear Ms. Waterhouse:

This will acknowledge your letter of March 31, 1983 plus receipt of the three logs and your request for confidential status on subject well.

I'm sure it's an oversight, but you did not send us a copy of the mud log. A copy of this log will complete our well file.

The well file and the logs will be kept confidential until September 2, 1983, six months after completion of the well.

Thank you for your cooperation and if I can be of any further assistance, please do not hesitate to contact me.

Sincerely,

R. A. Ybarra
R. A. Ybarra
Enforcement Director

835

RAY:bg

RECEIVED
APR 2 1983
O & G CONS. COMM.

RECEIVED
APR 2 1983
O & G CONS. COMM.

AKK
Rudy, we
should have a
copy of their
mud log also
AKK

DRL

Diversified
Resources
Limited

March 31, 1983

Mr. R. Ybarra
Oil and Gas Conservation
Commission
1645 West Jefferson
Suite 420
Phoenix, Arizona 85719

Dear Mr. Ybarra:

Enclosed please find the following logs for the #1 Federal:

1. Borehole Compensated Sonic Log
2. Dual Induction Log
3. Litho-Density Compensated Neutron Log

These are sent to you with the request that you keep all logs tight,
and all information confidential for six months.

Thank you for complying with this request.

Sincerely,

Sandra L. Waterhouse
Sandra L. Waterhouse

Enclosures

December 20, 1982

Resource Operating Inc.
c/o H. W. Addington & Assoc., Inc.
620 Petroleum Bldg.
110 - 16th Street
Denver, CO 80202

Re: Permit 835
1 Federal
29-11N-22E, Navajo County

Gentlemen:

Enclosed are approved application for permit to drill, permit, receipt, approved performance bond, and instructions for progress reports and handling of well samples for the reference well.

If we can be of further assistance, please advise.

Sincerely,

R. A. Ybarra
Enforcement Director

/os
Enc.

H. W. Addington
AND ASSOCIATES

PETROLEUM ENGINEERING CONSULTANTS

RECEIVED
OCT 13 1982
O & G CONS. COMM.

620 PETROLEUM BUILDING
DENVER, COLORADO 80202
PHONE 629-6924

October 7, 1982

Minerals Management Service
800 Truxtun Avenue, Suite 309
Bakersfield, CA 93301

Re: Federal #1
Sec. 29, T11N, R22E
Navajo County, Arizona

Attn: Mr. Ted Anderson

Gentlemen:

Enclosed is the NTL-6 permit package for Resource Operating Inc.'s well which they propose to drill in Arizona. We trust that all of the information is in the package; however, if you need any further information, please call me at my office (303) 629-6924. Please let me know as soon as possible the date and time of the onsite inspection so that we may coordinate our travel time and make arrangements for dirt contractors to be there also.

Yours very truly,

H. W. Addington
H. W. Addington *dc*

HWA:dcs

Enclosures

cc: Forest Service
Lakeside, AZ
Attn: Mr. Mike Sugaski

Mr. Ed Simmons

Original of bond executed in duplicate

RECEIVED

PERFORMANCE BOND

DEC 17 1982

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 052-563F7114

O & G CONS. COMM.

RESOURCE OPERATING INC.

That we:

of the County of Philadelphia in the State of Pennsylvania

as principal, and THE TRAVELERS INDEMNITY COMPANY of Hartford, Connecticut AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five Thousand Dollars (\$5,000.00) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for a Geothermal Resource or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

See Exhibit "A"

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-652, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce Geothermal Resources in commercial quantities, or cease to produce a Geothermal Resource in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

- 1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 7th day of December, 19 82.

RESOURCE OPERATING INC.

By: [Signature], President

Principal

WITNESS our hands and seals this 7th day of December, 19 82.

THE TRAVELERS INDEMNITY COMPANY

By: Susan M. Perry

Susan M. Perry, Atty.-in-Fact Surety

Countersignature By: William R. Lambert

William R. Lambert, Surety, Resident Arizona Agent (If issued in a state other than Arizona) Phoenix, AZ

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 12/20/82 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By: R. A. Yarna

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Bond File Two Copies Form No. -2

Permit No. 835

EXHIBIT "A"

RECEIVED

DEC 20 1982

G & G CONS. COMM.

Navajo County, T11N:R22E:G&SR Meridian

Section 4: Lots 1(40.43), 2(40.45), 3(40.47) S/2NE/4
Section 6: Lots 1(41.05), SE/4NE/4, NE/4/SE/4
Section 18: Lots 1(35.54), 2(35.57), 3(35.60), 4(35.63), E/2W/2E/2
Section 20: All
Section 28: All
Section 29: All
Section 30: Lots 1(30.82), 2(35.87), 3(35.92), 4(35.97), E/2W/2,E/2
Section 31: Lots 1(36.02), 2(36.07), 3(36.12), 4(36.17), E/2W/2,E/2
Section 32: All
Section 33: W/2.SE/4, SW/4NE/4

Total Area: 5895.66 acres

The Travelers Indemnity Company
Hartford, Connecticut

POWER OF ATTORNEY

RECEIVED

DEC 20 1982

O & G CONS. COMM.

KNOW ALL MEN BY THESE PRESENTS:

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint

____ Rebecca K. Amann, Alberto Paez, Stephen T. Pate, Susan M. Perry, Larry Richardson, M. J. Saucier, Robert West, all of Englewood, Colorado, EACH _____

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof, as follows:

____ Any and all bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof _____

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 14. The Chairman of the Board, the President, the Chairman of the Finance Committee, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Corporate Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 16. Any bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the Chairman of the Board, the President, the Chairman of the Finance Committee, any Executive Vice President, any Senior Vice President, any Vice President or any Second Vice President and duly attested and sealed, if a seal is required, by the Corporate Secretary or any Department Secretary or any Assistant Corporate Secretary or any Assistant Department Secretary, or shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent, pursuant to and within the limits of the authority granted by his or her power of attorney.

This power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Directors of THE TRAVELERS INDEMNITY COMPANY at a meeting duly called and held on the 30th day of November, 1959:

VOTED: That the signature of any officer authorized by the By-Laws and the Company seal may be affixed by facsimile to any power of attorney or special power of attorney or certification of either given for the execution of any bond, undertaking, recognizance or other written obligation in the nature thereof; such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

____ This power of attorney revokes that dated April 27, 1981 on behalf of Rebecca K. Amann, Samuel Faucett, Alberto Paez, Stephen T. Pate, Susan M. Perry, Larry Richardson, M. J. Saucier, Warren R. Withrow _____

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 4th day of August 19 81



THE TRAVELERS INDEMNITY COMPANY

By

Secretary, Surety

State of Connecticut, County of Hartford—ss:

On this .4th day of April in the year 1981 before me personally came D. J. Nash to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary (Surety) of THE TRAVELERS INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.



Gloria D. Seekins

Notary Public

My commission expires April 1, 1983

CERTIFICATION

I, Paul D. Tubach, Assistant Secretary (Surety) of THE TRAVELERS INDEMNITY COMPANY, certify that the foregoing power of attorney, the above quoted Sections 14. and 16. of Article IV of the By-Laws and the Resolution of the Board of Directors of November 30, 1959 have not been abridged or revoked and are now in full force and effect.

Signed and Sealed at Hartford, Connecticut, this 7th day of December 19 82



Paul D. Tubach

Assistant Secretary, Surety

ORGANIZATION REPORT

RECEIVED

DEC 26 1982

Full Name of the Company, Organization, or Individual
Resource Operating Inc.

Post Office Address (Box or Street Address)
1316 Arch Street, Philadelphia, Pa. 19107

O & G CONS. COMM.

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)
Corporation

Purpose of Organization (State type of business in which engaged)
Oil and Gas Operations

If a reorganization, give name and address of previous organization.
Not applicable

If a foreign corporation, give (1) State where incorporated Delaware	(2) Name and post office address of state agent CT Corporation System 14 N. Eighteenth Avenue Phoenix, Arizona 85007	(3) Date of permit to do business in state Application of Authority Approved 11/2/82 by Letter Dated 11/5/82
Principal Officers or Partners (if partnership) NAME Milton S. Schneider	TITLE President & Treasurer	POST OFFICE ADDRESS 1316 Arch Street Philadelphia, Pa. 19107
Barry Curtiss-Lusher	Executive Vice President & Secretary	1601 Arapahoe Street Denver, Colorado 80202
Mark E. Weiss	Vice President	1601 Arapahoe Street Denver, Colorado 80202
Steven J. Schacter	Assistant Secretary & Vice President	1316 Arch Street Philadelphia, Pa. 19107
Barbara E. Wescoat	Assistant Secretary	1316 Arch Street Philadelphia, Pa. 19107

DIRECTORS NAME	POST OFFICE ADDRESS
Milton S. Schneider	1316 Arch Street, Philadelphia, Pa. 19107
Barry Curtiss-Lusher	1601 Arapahoe St, Denver, Colorado 80202
Mark E. Weiss	1601 Arapahoe St, Denver, Colorado 80202
Steven J. Schacter	1316 Arch Street, Philadelphia, Pa. 19107

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the RESOURCE OPERATING INC. (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.

Signature Milton S. Schneider

Date December 7, 1982

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Organization Report File One Copy Form No. 1
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RESOURCE
OPERATING
INC.

RECEIVED
DEC 20 1982
O & G CONS. COMM.

Please Reply: Philadelphia

December 8, 1982

Oil and Gas Commission
1645 West Jefferson
Suite 420
Phoenix, Arizona 85007

Re: Resource Operating Inc. Federal #1
Sec. 29 T11N, R22E
Navajo County, Arizona

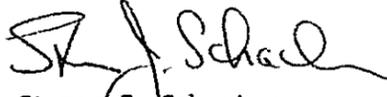
Dear Sir/Madam:

Enclosed are two copies of the Performance Bond and Organizational Report required in connection with the drilling of the above-referenced well.

We are most anxious to expedite the issuance of this permit and would appreciate your cooperation. Please call me if you have any questions regarding this matter.

Thank you in advance for your cooperation and assistance.

Very truly yours,


Steven J. Schacter

SJS/ma
Enclosures
Federal Express

cc: Barry Curtiss-Lusher

1316 Arch Street • 5th Floor • Philadelphia, Pennsylvania 19107 • 215-561-4730
Suite One — D & F Tower • 1601 Arapahoe Street • Denver, Colorado 80202 • 303-595-3957

Operating Affiliate of General Resources Management Corporation and Diversified Resources Limited

H. W. ADDINGTON & ASSOCIATES, INC.

Filing Fee for Permit to Drill \$25.00
Resource Operating Inc.'s Federal #1
Sec. 29, T11N, R22E
Navajo Co., AZ

Permit 835

FEDERAL EXPRESS

PLEASE COPY ALL INFORMATION IN THE 5 BLOCKS OUTLINED IN ORANGE
SEE BACK IN SET FOR COMPLETE PREPARATION INSTRUCTIONS

AIRBILL NUMBER

341568765



YOUR FEDERAL EXPRESS ACCOUNT NUMBER
00191 1000-2888-3

DATE
Dec 8, 1982

FROM (Your Name)
Steven J. Schacter

TO (Recipient's Name)
Oil and Gas Commission

If Hold For Pick-Up or Saturday Delivery, Recipient's Phone Number

COMPANY
GENERAL RESOURCES MGMT CORP

COMPANY DEPARTMENT/FLOOR NO.

STREET ADDRESS
345 SOUTH 5TH ST

STREET ADDRESS (P.O. BOX NUMBERS ARE NOT DELIVERABLE)

1645 West Jefferson SUITE 420

CITY STATE
PHILADELPHIA PA

CITY STATE
Phoenix ARIZONA

AIRBILL NO. 341568765
ZIP ACCURATE ZIP CODE REQUIRED FOR CORRECT HANDLING 19106

ZIP ACCURATE ZIP CODE REQUIRED FOR OVERNIGHT DELIVERY 85007

IN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM CARRIAGE HEREOF. F.E.C. DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THIS SHIPMENT. THIS IS A NON-NEGOTIABLE AIRBILL SUBJECT TO CONDITIONS OF CONTRACT SET FORTH ON REVERSE OF SHIPPER'S COPY. UNLESS YOU DECLARE A HIGHER VALUE, THE LIABILITY OF FEDERAL EXPRESS CORPORATION IS LIMITED TO \$100.00.

YOUR NOTES/REFERENCE NUMBERS (FIRST 12 CHARACTERS WILL ALSO APPEAR ON INVOICE)
ROI-SC

PAYMENT Bill Shipper Bill Recipient's F.E.C. Acct. Bill 3rd Party F.E.C. Acct. Bill Credit Card
 Cash in Advance Account Number/Credit Card Number

- SERVICES CHECK ONLY ONE BOX
- 1 PRIORITY ONE (P-1)
 - 2 OVERNIGHT ENVELOPE (Up to 7 LBS.)
 - 3 OVERNIGHT BOX (Up to 9 LBS.)
 - 4 OVERNIGHT TUBE (Up to 5 LBS.)
 - 5 STANDARD AIR
 - 6 DELIVERY 2ND BUSINESS DAY FOLLOWING PICK-UP
- OVERNIGHT IS NEXT BUSINESS DAY (MONDAY THROUGH FRIDAY); TWO DAYS FROM ALASKA/HAWAII. SATURDAY DELIVERY AVAILABLE IN CONTINENTAL U.S. SEE SPECIAL HANDLING.

- DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED
- 1 HOLD FOR PICK-UP AT FOLLOWING FEDERAL EXPRESS LOCATION SHOWN IN SERVICE GUIDE.
 - 2 DELIVER
 - 3 SATURDAY SERVICE REQUIRED (See Service Terms clause applies for delivery)
 - 4 RESTRICTED ARTICLES SERVICE (P-1 and Standard Air Packages only, extra charge)
 - 5 SSS (Signature Security Service required, extra charge applies)
 - 6 DRY ICE (LBS.)
 - 7 OTHER SPECIAL SERVICE
 - 8
 - 9

PIECES	WEIGHT	DECLARED VALUE	O/S	EMP. NO.	DATE
				<input type="checkbox"/> CASH RECEIVED	AGT/PRO
				<input type="checkbox"/> RETURN SHIPMENT	AGT/PRO
				<input type="checkbox"/> THIRD PARTY	
				<input type="checkbox"/> CHG. TO DEL. <input type="checkbox"/> CHG. TO HOLD	
TOTAL	TOTAL	TOTAL		STREET ADDRESS	
RECEIVED AT				CITY	STATE
<input type="checkbox"/> SHIPPER'S DOOR				ZIP	TOTAL CHARGES
<input type="checkbox"/> REGULAR STOP				RECEIVED BY: (Signature)	
<input type="checkbox"/> ON-CALL STOP				X	
<input type="checkbox"/> F.E.C. LOC.				FEDERAL EXPRESS USE	
Federal Express Corporation Employee No.				DATE/TIME RECEIVED	
DATE/TIME For Federal Express Use				F.E.C. EMPLOYEE NUMBER	

FREIGHT CHARGES

DECLARED VALUE CHARGE

ADVANCE ORIGIN

ADVANCE DESTINATION

OTHER

PART #2041730700
FEC-S-0700 D/O/B
REVISION DATE 10/81 S
PRINTED U.S.A.

RECIPIENT COPY (AFFIXED TO PACKAGE, GIVEN TO RECIPIENT AT DELIVERY)

H. W. Addington
AND ASSOCIATES

PETROLEUM ENGINEERING CONSULTANTS

RECEIVED

OCT 14 1982

O & G CONS. COMM.

620 PETROLEUM BUILDING
DENVER, COLORADO 80202
PHONE 629-6924

October 14, 1982

Oil & Gas Conservation Commission
1645 W. Jefferson St.
Suite 420
Phoenix, AZ 85007

Re: Federal #1
Sec. 29, T11N, R22E
Navajo County, Arizona

Gentlemen:

Enclosed is an application for permit to drill or re-enter for the subject well, along with a check in the amount of \$25.00 to cover the filing fee.

Also enclosed is a plat covering the subject location.

If you should have any questions, please contact this office at the above address and phone number.

Thank you.

Yours very truly,

H. W. Addington
H. W. Addington *dcs*

:dcs

Enclosures

cc: Ed Simmons - Diversified