

Pet. Tech. Svcs. Co.
Sec. 26, T.11S., R.23W. (Strat.) 864

COUNTY Yuma AREA Yuma LEASE NO. BLM A-18254 (Strat.)

WELL NAME Petroleum Technical Services Co. No. 26-1 Federal "A"

LOCATION S.E. of N.E. SEC 26 TWP 11S. RANGE 23W. FOOTAGE 1,253.94' FEL & 2,040.02'
 STATUS P&A TOTAL FNL
 ELEV 171.8 GR KB SPUD DATE 9/22/87 COMP. DATE 10/29/87 DEPTH 4/35'

CONTRACTOR

CASING SIZE	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.	
				Source: Operator
Colo. River Gravel	0			Gravels w/coarse sands, clays, quartz particles.
Transition Zone	2,240'			Coarse sand interbedded w/siltstone & fine grain sands, clays, some calcareous cemented sands.
Bouse (Plicene)	2,972'			Fossiliferous sands, clays, interbedded w/siltstone, calcareous material.
Miocene	3,730'			Sands, clays, interbedded calcareous siltstones, fine to medium grain size sands.
Granite Wash	8,880'			Granite Wash.

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Ex Los</u>
<u>GR/OIL</u>			SAMPLE DESCRP. <u>Ex Los</u>
<u>GR/Sonic</u>			SAMPLE NO. <u>1866</u>
<u>GR/CNL/FDC</u>			CORE ANALYSIS
<u>GR/SPECTROSCOPY</u>			DSTs
<u>DIPMETER</u>			

REMARKS	APP. TO PLUG <input checked="" type="checkbox"/>
	PLUGGING REP. <input checked="" type="checkbox"/>
	COMP. REPORT <input checked="" type="checkbox"/>

WATER WELL ACCEPTED BY _____

BOND CO. U.S. Fire Insurance Co. BOND NO. 610 149886 2
 DATE _____ ORGANIZATION REPORT on file
 BOND AMT. \$ 25,000 CANCELLED 6-24-96
 FILING RECEIPT 2771 LOC. PLAT X WELL BOOK X PLAT BOOK X
 API NO. 02-027-20041 DATE ISSUED 7-24-87 DEDICATION 640 acres

PERMIT NUMBER 00864

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

1987

DESIGNATE TYPE OF COMPLETION:

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

DESCRIPTION OF WELL AND LEASE

Operator Petroleum Technical Services Company		Address 3000 N. Garfield, #210, Midland, Texas 79705	
Federal, State or Indian Lease Number or name of lessor if free lease Federal "A"		Well Number 26-1	Field & Reservoir Wildcat
Location 1,254' FEL & 2,040' FNL		County Yuma	
Sec. TWP-Range or Block & Survey Sec. 26, T-11-S, R-23-W, G & SRM Survey			
Date spudded 09-22-87	Date total depth reached 10-26-87	Date completed, ready to produce N/A	Elevation (DF, RKB, RT or Gr.) 194 feet
Total depth 9,135'	P.B.T.D. N/A	Single, dual or triple completion? N/A	Elevation of casing hd. flange 172 feet
Producing interval (s) for this completion N/A		Rotary tools used (interval) 0-9,135'	Cable tools used (interval) N/A
Was this well directionally drilled? No.	Was directional survey made? No.	Was copy of directional survey filed? N/A	Date filed N/A
Type of electrical or other logs run (check logs filed with the commission) GR/DIL, GR/BHC-Sonic, GR/CNL-FDC, GR/Spectroscopy, Dipmeter			Date filed in process

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	Amt. pulled
Conductor	36"	30"	Conductor	80'	Ready-Mix	-0-
Surface	20"	16"	75#/ft.	317'	420	-0-
Intermediate	13-3/4"	10-3/4"	45.5#/ft.	2,553'	1,550	-0-

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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
None				

INITIAL PRODUCTION

Date of first production Dry Hole		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)				
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity *API (Corr)
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Owner of the Petroleum Technical Services Company (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.

11-17-87
Date

Don E. Bennett
Signature

Permit No. 864

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

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION*
Colorado River Gravel:	0'	2,240'	Gravels w/coarse sands, clays, quartz particles
Transition Zone	2,240'	2,972'	Coarse sand interbedded w/siltstone & fine grain sands, clays, some calcareous cemented sands
Bouse (Plicene)	2,972'	3,730'	Fossiliferous sands, clays, interbedded siltstone, calcareous material
Miocene	3,730'	8,880'	Sands, clays, interbedded calcareous siltstones, fine to medium grain size sands
Granite Wash	8,880'		Granite Wash

* Show all important zones of porosity, detail of all cores, and all 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 Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

Federal A-18254

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

Permit 864

8. Well Name and No.

Federal "A" #26-1

9. API Well No.

None Assigned

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Yuma, Arizona

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other Dry hole

2. Name of Operator

Petroleum Technical Services Company

3. Address and Telephone No.

3000 N. Garfield, Suite 210, Midland, Texas 79705 915-684-6603

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 26, T-11-S, R-23-W, G&SRM Survey
1254' FEL and 2040' FNL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)

1. Final inspection conducted by Bureau of Land Management and site approved 4-11-96



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

Signed [Signature] Title Owner/Operator Date 5-7-96

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

PLUGGING RECORD

Operator Petroleum Technical Services Company		Address 3000 N. Garfield, #210, Midland, Texas 79705	
Federal, State, or Indian Lease Number or lessor's name if fee lease. BLM-A-12854 Federal "A"		Well No. 26-1	Field & Reservoir Stratigraphic Test
Location of Well 1,254' FEL & 2,040' FNL, Sec. 26, T-11-S, R-23-W, G & SRM Survey		Sec-Twp-Rge or Block & Survey	County Yuma
Application to drill this well was filed in name of Petroleum Technical Services Co.	Has this well ever produced oil or gas No.	Character of well at completion (initial production): Oil (bbls/day) _____ Gas (MCF/day) _____ Dry? XX	
Date plugged: 10-29-87	Total depth 9,135'	Amount well producing when plugged: Oil (bbls/day) None Gas (MCF/day) None Water (bbls/day) None	
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 cement
None			6,200' - 6,050' 75 sacks
			3,170' - 3,020' 75 sacks
			2,604' - 2,504' 100 sacks
			50' - 0' 35 sacks

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
30"	80'	0'	80'	N/A	None
16"	317'	0'	317'	N/A	Guide shoe @317'
10-3/4"	2,553'	0'	2,553'	N/A	Guide shoe @2,553'

Was well filled with heavy drilling mud, according to regulations? Yes, (9.1 PPG) Indicate deepest formation containing fresh water. 500' to 600'

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
Bureau of Land Management	3707 North 7th Street, Phoenix, Arizona 85014	North, South, East, West

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.

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Owner of the Petroleum Technical Services Co. (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.

11-12-87
Date

Don E. Bennett
Signature

Permit No. <u>864</u>	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy Form No. 10
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APPLICATION TO PLUG AND ABANDON

NOV 13 1987

FIELD Stratigraphic Test

OPERATOR Petroleum Technical Services Co. ADDRESS 3000 N. Garfield, #210, Midland, Tx. 79705
Federal, State or Indian Lease Number BLM A-18254, Federal "A" WELL NO. 26-1
or Lessor's Name if Fee Lease

LOCATION 1,254' FEL & 2,040' FNL, Sec. 26, T-11-S, R-23-W, G & SRM Survey
Yuma County, Arizona

TYPE OF WELL Dry Hole TOTAL DEPTH 9,135'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) N/A

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

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

- A) 30" Conductor casing @80'. Cemented w/ready-mix to surface.
- B) 16", 75#/ft., J-55, set @317'. Cemented w/420 sacks. Cement circ.
- C) 10-3/4", 45.5#/ft., K-55, set @2,553'. Cemented w/1,550 sacks. Cement circ.
- D) Total Depth 9,135', 9-7/8" hole.

* 2. FULL DETAILS OF PROPOSED PLAN OF WORK.

- 1) Run 4-1/2" drill pipe open ended to 6,200' & spot 75 sack cement plug from 6,200' to 6,050'.
- 2) Pull up to 3,170' & spot 75 sack cement plug to 3,020'.
- 3) Pull up to 2,604' & spot 100 sack cement plug to 2,504'.
- 4) Cut-off casing heads & spot 35 sack cement plug from 50' to surface.
- 5) Weld plate on casing & set 4" x 4" marker pipe.
- 6) Fill mouse hole & cellar & fence off reserve pit to dry out.

DATE COMMENCING OPERATIONS 10-28-87

NAME OF PERSON DOING WORK Petroleum Technical Ser. Co. ADDRESS 3000 N. Garfield, #210, Midland Tx. 79705

*Verbal approval of this procedure was obtained from the Bureau of Land Management (Phoenix Office) & the Arizona Oil & Gas Conservation Commission (Phoenix Office), 10-27-87

Don C. Bennett
Signature

Owner/Operator

Plugging was completed by Halliburton 3000 N. Garfield Street, Suite 210, Midland, Tx. 79705
10-29-87. See Sundry report of 11-04-87.
Address 11-11-87
Date

Date Approved 11/13/87
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: P. G. Yana

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Plug and Abandon
File Two Copies

Form No. 9

Permit No. 844

APPLICATION TO PLUG AND ABANDON

NOV 13 1987

FIELD Stratigraphic Test

OPERATOR Petroleum Technical Services Co. ADDRESS 3000 N. Garfield, #210, Midland, Tx. 79705
 Federal, State or Indian Lease Number BLM A-18254, Federal "A" WELL NO. 26-1
 or Lessor's Name if Fee Lease _____

LOCATION 1,254' FEL & 2,040' FNL, Sec. 26, T-11-S, R-23-W, G & SRM Survey
Yuma County, Arizona

TYPE OF WELL Dry Hole TOTAL DEPTH 9,135'
 (Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) N/A

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

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

- A) 30" Conductor casing @80'. Cemented w/ready-mix to surface.
- B) 16", 75#/ft., J-55, set @317'. Cemented w/420 sacks. Cement circ.
- C) 10-3/4", 45.5#/ft., K-55, set @2,553'. Cemented w/1,550 sacks. Cement circ.
- D) Total Depth 9,135', 9-7/8" hole.

* 2. FULL DETAILS OF PROPOSED PLAN OF WORK.

- 1) Run 4-1/2" drill pipe open ended to 6,200' & spot 75 sack cement plug from 6,200' to 6,050'.
- 2) Pull up to 3,170' & spot 75 sack cement plug to 3,020'.
- 3) Pull up to 2,604' & spot 100 sack cement plug to 2,504'.
- 4) Cut-off casing heads & spot 35 sack cement plug from 50' to surface.
- 5) Weld plate on casing & set 4" x 4" marker pipe.
- 6) Fill mouse hole & cellar & fence off reserve pit to dry out.

DATE COMMENCING OPERATIONS 10-28-87

NAME OF PERSON DOING WORK Petroleum Technical Ser. Co. ADDRESS 3000 N. Garfield, #210, Midland Tx. 79705

*Verbal approval of this procedure was obtained from the Bureau of Land Management (Phoenix Office) & the Arizona Oil & Gas Conservation Commission (Phoenix Office), 10-27-87

Don C. Bennett
Signature
Owner/Operator

Plugging was completed by Halliburton 3000 N. Garfield Street, Suite 210, Midland, Tx. 79705
 10-29-87. See Sundry report of _____
 11-04-87. _____
 Address
 11-11-87
 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

Permit No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOV 9 1987

O & G S. COMM.

1. Name of Operator Petroleum Technical Services Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test
 3. Well Name Federal "A", Well No. 26-1
 Location 1,254' FEL & 2,040' FNL
 Sec. 26 Twp. 11-S Rge. 23-W County Yuma, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease BLM -A-18254

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

- 1) Drilled 9-7/8" hole to 9,135' with 9.1 PPG fresh water mud. Hole complete @9:45 a.m. PST 10-26-87.
- 2) Ran open hole logs by Schlumberger: GR/DIL, GR/BHC Sonic, GR/CNL, FDC, GR/Spectroscopy, Dipmeter.
- 3) Obtained verbal approval of plugging procedure from BLM (Phoenix Office) and Arizona OCC on 10-27-87.
- 4) Ran 4-1/2" drill pipe open-ended to 6,200' & spotted 100 sack Class "G" cement plug from 6,200' to 6,050'. Pulled out of hole to 3,170', spotted 75 sack plug from 3,170' to 3,020', 100 sack plug from 2,604' to 2,504'. Pulled out of hole.
- 5) WOC 8 hours, removed BOP stack & cut-off casinghead.
- 6) Spotted 35 sack cement plug from 50' to surface, welded on plate & set marker. Filled mouse hole & cellar.
- 7) All plugs spotted by Halliburton. 9.1 PPG mud between all plugs. Completed plugging 10-29-87.

8. I hereby certify that the foregoing is true and correct.
 Signed Dan E. Bennett Title Owner/Operator Date 11-04-87

Permit No. 864

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

OCT 26 1987

1. Name of Operator Petroleum Technical Services Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test
 3. Well Name Federal "A", Well No. 26-1
 Location 1,254' FEL & 2,040' FNL
 Sec. 26 Twp. 11-S Rge. 23-W County Yuma, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease BLM -A-18254

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"/>	<u>Weekly</u> MONTHLY 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"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) Operations Report <input checked="" type="checkbox"/>	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.)

1) Drilled 9-7/8" hole to 7,981'. Drilling with 9.0 PPG fresh water mud.

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

Signed Dan E. Bennett Title Owner/Operator Date 10-16-87

Permit No. 864

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

OCT 26 1987

O & G CONSERV. COM.

1. Name of Operator Petroleum Technical Services Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test
 3. Well Name Federal "A", Well no. 26-1
 Location 1,254' PEL & 2,040' FNL
 Sec. 26 Twp. 11-S Rge. 23-W County Yuma, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease BLM -A-18254

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

(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.)

1) Drilled 9-7/8" hole to 6,452'. Drilling with 8.9 PPG fresh water mud.

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

Signed Dan E. Bennett Title Owner/Operator Date 10-09-87

Permit No. 864

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

OCT 5 1987

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1. Name of Operator Petroleum Technical Services Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test
 3. Well Name Federal "A"
 Location 1254' FEL & 2040' FNL
 Sec. 26 Twp. 11-S Rge. 23-W County Yuma, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease BLM A-18254

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

- Completed building road and location by Rico Construction Company 9-13-87 and stock piled surface soil. Drilled 36" hole to 80' and set 30" conductor casing at 80'. Cemented with ready mix.
- Moved in and rigged up Welch and Howell Rig No. 2, 9-22-87.
- Spudded 13-3/4" hole @ 8:00 a.m. 9-22-87. Drilled 13-3/4" pilot hole to 317'. Ran 20" hole opener and reamed out to 20" to 317'.
- Ran and set 16" OD 75#/ft., J-55, 8rd STC casing at 317' and cemented by Halliburton with 220 sacks Class "C" cement + 4% gel, + 1/2# flocele per sack, + 2% CaCl2, 200 sacks Class "C" cement + 1/2# flocele per sack + 2% CaCl2. Cement circulated to surface completed 9-23-87. WOC - 18 hours.
- Installed casinghead, BOP and relief manifold. Tested head to 2500 psi and tested BOP and casing to 500 psi. Held ok
- Ran 13-3/4" bit and drilled out cement and shoe and drilled 13-3/4" hole to 3120' complete 9-28-87. Ran 59 joints, 2554' of 10-3/4", 45.5#/ft., J-55, 8rd, STC casing stopped at 2554', stuck with no movement up or down, good circulation. Obtained verbal approval from BLM and State of Arizona representative on location to cement 10-3/4" casing at 2553'. Cemented by Halliburton with 1350 sacks Class "C" 50-50 poz "A" cement + 2% gel + 5% KCL, 200 sacks Class "C" cement + 5% KCL + 0.76% CFR-2. Displaced with mud and circulated cement to surface. WOC - 20 hours.
- Set slips and cut-off casing and installed casinghead, and BOP stack with Hydril and kill and relief lines and control manifold. Tested casinghead, BOP stack, kill and relief lines to 5000 psi, held ok. Tested Hydril BOP to 50% (2500 psi) Held ok.

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

Signed Don Bennett Title Owner/Operator Date 10-2-87

Permit No. _____

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

8. Ran 9-7/8" bit, drill collars and drill pipe and tagged top of cement in 10-3/4" casing at 2468'. Tested casing to 1500 psi, held ok. Drilled out cement and shoe @ 2553' and picked up bottom hole assembly. Washed out fill to 3120'.
9. Started drilling 9-7/8" hole @ 5:00 a.m., 10-2-87.

STATE OF ARIZONA

OIL AND GAS CONSERVATION COMMISSION

PERMIT 864

REPORT ON PROPOSED OPERATIONS

Petroleum Technical Svcs. Co.
3000 North Garfield St., Ste. 210
Midland, TX 79705

Phoenix, ARIZONA
July 24, 1987

Your proposal to drill well 26-1 Federal (Stratigraphic)
A.P.I. No. 02-027-20041, Section 26, T. 11S., R. 23W., GS&R B. & M.,
wildcat field, Yuma area, pool,
Yuma County, dated 7/21/87, received 7/23/87 has been examined in conjunction with records
filed in this office. THE PROPOSAL IS APPROVED PROVIDED:

1. Drilling mud consistent with sound drilling practices shall be used at all times. Quantities of drilling mud materials sufficient to insure well control shall be maintained readily accessible for immediate use at all times.
2. The well is cased and cemented in such a manner as to protect all zones that contain oil, gas, or fresh water, and to provide well control during drilling operations.
3. Blowout prevention equipment shall be installed, used, maintained, and tested in a manner necessary to assure well control throughout the drilling, completion or abandonment of the well.
4. Samples of all cores and cuttings, taken at maximum intervals of ten feet, shall be shipped or mailed, charged prepaid to:
 - a. Oil & Gas Conservation Commission, Phoenix Office.
 - b. Bureau of Geology & Mineral Technology, University of Arizona, 845 N. Park, Tucson, AZ 85719.
5. The status of completed drilling operations (Form 25) shall be completed and filed with the Commission on a timely basis.
6. THIS COMMISSION SHALL BE NOTIFIED:
 - a. Immediately when drilling operations commence.
 - b. To witness the running and cementing of the 10 3/4" casing.

BOND _____

D. J. BRENNAN, Executive Director

By _____
Enforcement Director

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 30 days after the work has been completed or the operations have been suspended.

STATE OF ARIZONA

OIL AND GAS CONSERVATION COMMISSION

PERMIT 864

REPORT ON PROPOSED OPERATIONS

Petroleum Technical Svcs. Co.
3000 North Garfield St., Ste. 210
Midland, TX 79705

Phoenix, ARIZONA
July 24, 1987

Your proposal to drill well 26-1 Federal (Stratigraphic)
A.P.I. No. 02-027-20041, Section 26, T. 11S., R. 23W., GS&R B. & M.,
wildcat field, Yuma area, -- pool,
Yuma County, dated 7/21/87, received 7/23/87 has been examined in conjunction with records
filed in this office.

- c. To inspect the installed blowout prevention equipment prior to drilling below the shoe of the 10 3/4" casing at 3150'.

NOTE:

1. See enclosed instructions for handling well samples.
2. Personnel to call to witness above operations:
 - a. R. A. Ybarra (602) 839-3614
 - b. D. J. Brennan (602) 249-3178

BOND No. 610149886 2, Blanket

D. J. BRENNAN, Executive Director

By R. A. Ybarra
Enforcement Director

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 30 days after the work has been completed or the operations have been suspended.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL
(Amended)

RE-ENTER OLD WELL #087

O & G C. S. C. S. C.

NAME OF COMPANY OR OPERATOR Petroleum Technical Services Company		
Address	City	State
3000 N. Garfield Suite 210	Midland	Texas 79705
Drilling Contractor To Be Determined		
Address		
DESCRIPTION OF WELL AND LEASE		
Federal, State or Indian Lease Number, or if fee lease, name of lessor Federal "A" (BLM A-18254)	Well number 26-1	Elevation (ground) 171.8'
Nearest distance from proposed location to property or lease line: 6,534' feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet	
Number of acres in lease: 6,424.59 Acres	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 N/A Address		
Well location (give footage from section lines) 1,253.94' FEL & 2,040.02' FNL	Section—township—range or block and survey Section 26, T-11-S, R-23-W, G&SRM	Dedication (Comply with Rule 105) 640 Acres
Field and reservoir (if wildcat, so state) Wildcat-Stratigraphic Exploratory Hole	County Yuma County	
Distance in miles, and direction from nearest town or post office 12 miles East of San Luis, Yuma County, Arizona		
Proposed depth: 10,000'	Rotary or cable tools Rotary	Approx. date work will start 8-10-87
Bond Status <u>Filed with Commission</u> Amount \$25,000	Organization Report <u>On file</u> Or attached	Filing Fee of \$25.00 Submitted with previous application
Remarks: API #20041		
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Owner/Operator</u> of the Petroleum Technical Services Company (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 <u><i>[Signature]</i></u>		
Date July 21, 1987		
Permit Number: <u>00864</u>	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File Two Copies	
Approval Date: <u>7/24/87</u>	Form No. 3	
Approved By: <u>R.A. Yana</u>	Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.	

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- 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.
- ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO . If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
	SEC. 26, T. 11S., R. 23W., G. & S.R.M. YUMA COUNTY, ARIZONA

<p>WELL COORDINATES: NORTH 526, 814.48 EAST 243, 071.79</p>	1920 GLO CERTIFICATION
	I hereby certify that the information above is true and complete to the best of my knowledge and belief.
	<i>Don C. Bennett</i> Name
	Don C. Bennett Position
	Owner/Operator Company Petroleum Technical Services Company Date July 21, 1987

I hereby certify that the well location shown on the plat was obtained from field notes of a registered surveyor 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	JUNE 12, 1987
Registered Professional Engineer and/or Land Surveyor	THOMAS A. YOWELL
Certificate No.	L.S. 6022

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
16" OD	65#/ft	H-40	0	315'	0 - 315'	300	Class "G"
10-3/4" OD	45.5#/ft	J-55	0	3120'	0 - 3120'	1500	Class "G"
5-1/2" OD	17#/ft	N-80	0	700'	-	-	-
	17#/ft	K-55	700'	7200'	-	-	-
	17#/ft	N-80	7200'	10000'	8500' - 10000'	365	Class "G"

3000 N. GARFIELD, SUITE 210
MIDLAND, TEXAS 79705



DRILLING, COMPLETION, PRODUCING OPERATIONS,
OIL PROPERTY MANAGEMENT

RECEIVED
JUL 23 1987
O & G CONSERV. COMMISSION

OFFICE PHONE
19151 684-6603

July 21, 1987

Oil & Gas Conservation Commission
3110 North 19th Avenue
Phoenix, Arizona 85015

Attention: Dan Brennan

RE: Application For Permit to Drill
Federal "A" 26-1
Sec. 26, T-11-S, R-23-W, G&SRM Survey
Yuma County, Arizona

Dear Sir:

Attached is an ammended application to Drill the subject well. The Application is amended to indicate that this well will be drilled as a Wildcat-Stratigraphic Exploratory Hole. Please cancel our previous application of July 9, 1987 concerning this well and apply our previously submitted \$25.00 filing fee to this application. Also please cancel our application for exception to Rule R-12-7-107 concerning this well, as it will no longer be required for this location as per Statewide Rule R-12-7-128 allowing exception to the spacing rule for Stratigraphic Exploratory Holes.

Yours very truly,

Don C. Bennett

Don C. Bennett

DCB/jm

attachment

cc: Ross Roberts

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL
(Amended)

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR

Petroleum Technical Services Company

Address

City

State

3000 N. Garfield Suite 210 Midland Texas 79705

Drilling Contractor

To Be Determined

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor
Federal "A" (BLM A-18254)

Well number
26-1

Elevation (ground)
171.8'

Nearest distance from proposed location
to property or lease line:

6,534' feet

Distance from proposed location to nearest drilling,
completed or applied—for well on the same lease:

None feet

Number of acres in lease:

6,424.59 Acres

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

N/A

Well location (give footage from section lines)

1,253.94' FEL & 2,040.02' FNL

Section—township—range or block and survey

Section 26, T-11-S, R-23-W, G&SRM

Dedication (Comply with Rule 105)

640 Acres

Field and reservoir (if wildcat, so state)

Wildcat-Stratigraphic Exploratory Hole

County

Yuma County

Distance in miles, and direction from nearest town or post office

12 miles East of San Luis, Yuma County, Arizona

Proposed depth:

10,000'

Rotary or cable tools

Rotary

Approx. date work will start

8-10-87

Bond Status Filed with Commission

Amount \$25,000

Organization Report

On file

Or attached

Filing Fee of \$25.00

Attached Submitted with previous application

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Owner/Operator of the Petroleum Technical Services Company (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.

Dan Clemons
Signature

July 21, 1987
Date

Permit Number: _____

Approval Date: _____

Approved By: _____

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

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

Form No. 3

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- 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.
- ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO .
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO . If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
	SEC. 26, T. 11 S., R. 23 W., G. & S. R. M. YUMA COUNTY, ARIZONA

	1920 GLO CERTIFICATION
	I hereby certify that the information above is true and complete to the best of my knowledge and belief.
	Name Don C. Bennett
	Position Owner/Operator
	Company Petroleum Technical Services Company
Date July 21, 1987	
	I hereby certify that the well location shown on the plat was plotted from field notes of actual survey 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 JUNE 12, 1987	
Registered Professional Engineer and/or Land Surveyor THOMAS A. YOWELL	
Certificate No. L.S. 6022	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
16" OD	65#/ft	H-40	0	315'	0 - 315'	300	Class "G"
10-3/4" OD	45.5#/ft	J-55	0	3120'	0 - 3120'	1500	Class "G"
5-1/2" OD	17#/ft	N-80	0	700'	-	-	-
	17#/ft	K-55	700'	7200'	-	-	-
	17#/ft	N-80	7200'	10000'	8500' - 10000'	365	Class "G"



PERMIT TO DRILL

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

To: Petroleum Technical Services Company
(OPERATOR)

to drill a well to be known as

26-1 Federal (Stratigraphic)
(WELL NAME)

located 2,040' FNL & 1,254' FEL

Section 26 Township 11S Range 23W, Yuma 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 24th day of July, 1987.

OIL AND GAS CONSERVATION COMMISSION

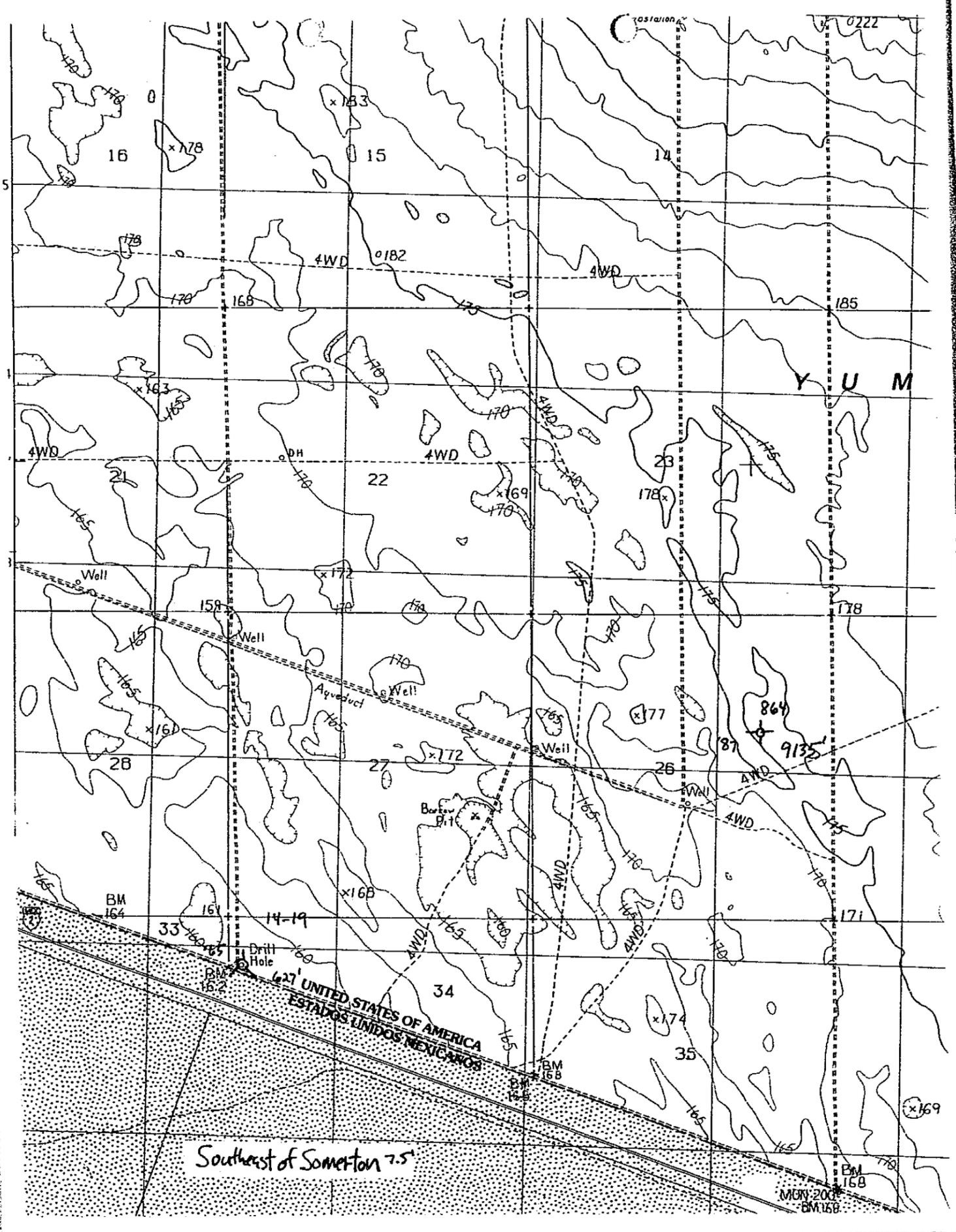
By [Signature]
EXECUTIVE DIRECTOR
ENFORCEMENT DIRECTOR

PERMIT 00864

RECEIPT NO. 2771

A.P.I. NO. 02-027-20041

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill
FORM NO. 27



Southeast of Somerton 7.5'

MGN 2000
BM 168



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

June 24, 1996

Mr. Don C. Bennett
Petroleum Technical Services Co.
3000 N. Garfield, Suite 210
Midland, Texas 79705

file 864

Re: Petroleum Technical Services
\$25,000 Blanket Performance Bond Serial No. 610 149886 2
(United States Fire Insurance Co.)

Dear Mr. Bennett:

I received your letter of June 7 requesting release of the referenced bond today.

Our records show that Petroleum Technical Services Company has no outstanding drilling or plugging obligations in Arizona. As a result, this letter serves as written permission of the Oil and Gas Conservation Commission of the State of Arizona to terminate the referenced bond.

Please advise if I may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure: Copy of canceled bond



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 13, 1996

Mr. Charles E. Koch
Roberts and Koch
1540 Independence Plaza
400 West Illinois
Midland, Texas 79701

file 864

Re: Roberts and Koch
Blanket Performance Bond 800G2681 (Travelers Indemnity Co.)

Dear Mr. Koch:

I received your letter and attachments of May 9 today. A copy of the referenced bond is attached for your record.

Our records show that Roberts and Koch have no outstanding drilling or plugging obligations in Arizona. As a result, this letter serves as written permission of the Oil and Gas Conservation Commission of the State of Arizona to terminate the referenced bond.

Please advise if I may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

Roberts and Koch

1540 Independence Plaza
400 W. Illinois
MIDLAND, TEXAS 79701
915 - 683-6231
Fax 915 - 683-6529

ROSS D. ROBERTS
CHARLES E. KOCH

May 9, 1996

Arizona Geological Survey
416 W. Congress
Suite 100
Tuscon, Arizona 85701

Re: Plugging Bond For
State of Arizona

file 864

Gentlemen:

Would you please advise the necessary procedure for cancelling a plugging bond in the State of Arizona. We enclose copies of Form 3160-5 for the Federal "4" No. 1, and Form 3160-5 for the Federal "A" 26-1 indicating final inspection conducted by Bureau of Land Management approved the site on 4-11-96. We also enclose letter from the United State Department of Interior advising that the inspection revealed that both sites have been adequately restored, revegetated and cleaned.

Yours very truly,

ROBERTS AND KOCH

Charles E. Koch
Charles E. Koch

CEK/js

Enclosure





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Arizona State Office
3707 N. 7th Street
P.O. Box 16563
Phoenix, Arizona 85011

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

A-16837
A-18254

April 25, 1996

CERTIFIED MAIL -- RETURN RECEIPT REQUESTED

Petroleum Technical Services Company
3000 North Garfield, Suite 210
Midland, Texas 79705

Re: A-16837
Well No. 4-1

A-18254
Well No. 26-1

PIN 864



Gentlemen:

A field inspection was conducted on April 11, 1996, on your Well No. 4-1, Federal Lease A-16837, and Well No. 26-1, Federal Lease A-18254, to determine the reclamation status of these well sites. The inspection reveals that both sites have been adequately restored, revegetated and cleaned.

It is recommended that you complete and submit the enclosed sundry notice forms, in triplicate, for each of these wells. The type of submission should be "Final Abandonment Notice" and type of action should be "Abandonment." After submission of these forms and subsequent approval, the BLM is satisfied that there is no further outstanding obligations or liabilities on these leases.

If you have any questions on completion of the form, or other questions, please contact John Haas at (602) 650-0222.

Sincerely,

Michael A. Ferguson

Michael A. Ferguson
Deputy State Director
Resource Planning, Use
and Protection Division

Enclosure

cc: District Manager, Yuma
Arizona Geological Survey
Roberts & Koch
400 West Illinois, Suite 1540
Midland, TX 79701

Roberts and Koch

1540 Independence Plaza
400 W. Illinois
MIDLAND, TEXAS 79701
915 - 683-6231

ROSS D. ROBERTS
CHARLES E. KOCH

May 10, 1991

Mr. Daniel J. Brennan
Executive Director
Oil and Gas Conservation Commission
State of Arizona
5150 N. 16th Street, Suite B-141
Phoenix, Arizona 85016

Re: Roberts and Koch
\$25,000 Performance Bond
Bond Number 800G2681

Dear Mr. Brennan:

We have determined we do not wish to release the captioned bond as proposed by Continental Guaranty & Credit Corporation. We are further advising them of this election.

Yours very truly,

ROBERTS AND KOCH

Charles E. Koch

Charles E. Koch

CEK/js

Enclosure

863

864

Roberts and Koch

1540 Independence Plaza
400 W. Illinois
MIDLAND, TEXAS 79701
915 - 683-6231

ROSS D. ROBERTS
CHARLES E. KOCH

Mr. John Rahlfs
John W. Rahlfs Co.
P. O. Box 10588
Midland, Texas 79702

Re: Roberts and Koch
\$25,000 Performance Bond
Bond Number 800G2681

Dear John:

Per our conversation, we would appreciate your seeing to it that the Arizona bond required by attachments hereto be maintained in force until January 1, 1992.

Yours very truly,

ROBERTS AND KOCH

Charles E. Koch

Enclosure



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

RECEIVED
MAY 9 1991

Ans'd.....

May 5, 1991

Mr. Charles Koch
Roberts and Koch
400 West Illinois, Suite 1540
Midland, Texas 79701

Dear Mr Koch,

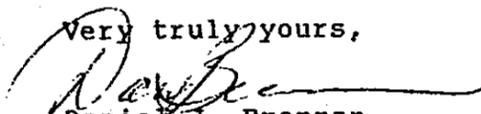
Confirming our conversation of this afternoon, enclosed is a copy of the letter from Continental Insurance requesting us to release the \$25,000 performance bond you have posted with the Commission.

After you have had a chance to study this request, please let us know your decision on whether or not you want this bond released. As you know, at the present time you have no outstanding obligations under this bond and you are free to request its release.

If you decide to have the bond released, we will comply promptly. We hope to see you drilling in Arizona again soon.

Thank you for your cooperation.

Very truly yours,


Daniel J. Brennan
Executive Director



Continental Guaranty
& Credit Corporation
Surety Division
Plaza of the Americas
600 North Pearl Street
Dallas, TX 75201

SECOND REQUEST
PLEASE REPLY
June 7, 1991

May 2, 1991

State of Arizona
Oil & Gas Conservation Commission
5150 North 16th Street
Suite B141
Phoenix, Arizona 85016

Re: Roberts & Koch
\$25,000 Performance Bond
Bond Number 800G2681

Gentlemen:

Continental Guaranty & Credit Corp. has contracted with The Travelers Indemnity Co. to service Travelers existing surety bonds. Accordingly, we need your assistance in handling the above referenced bond(s).

Please accept this as The Travelers Indemnity Company's notice to be fully released as Surety on the above mentioned bond. If this bond cannot be released at this time, we would like to cancel any future liability. Accordingly, we ask that you please forward cancellation evidence to our office at your earliest possible convenience.

Enclosed for your reply, is a self-addressed, postage paid envelope. Your assistance in this matter would be greatly appreciated.

Sincerely,

CONTINENTAL GUARANTY & CREDIT CORP.

Angela Burton

Angela Burton
Dallas Surety Department
(214) 220-1589

cc: John Rahlfs Co. ⁹¹⁵ 684-6674

Acknowledged date of cancellation: _____
By: _____
Title: _____
Today's Date: _____

#889
863.

Rahlfs will talk re Roberts & Koch 6/14/91

2:45

Roberts & Koch say they will continue bond to end of year 8/91



Continental Guaranty
& Credit Corporation
Surety Division
Plaza of the Americas
600 North Pearl Street
Dallas, TX 75201

May 2, 1991

State of Arizona
Oil & Gas Conservation Commission
5150 North 16th Street
Suite B141
Phoenix, Arizona 85016

Re: Roberts & Koch
\$25,000 Performance Bond
Bond Number 800G2681

Gentlemen:

Continental Guaranty & Credit Corp. has contracted with The Travelers Indemnity Co. to service Travelers existing surety bonds. Accordingly, we need your assistance in handling the above referenced bond(s).

Please accept this as The Travelers Indemnity Company's notice to be fully released as Surety on the above mentioned bond. If this bond cannot be released at this time, we would like to cancel any future liability. Accordingly, we ask that you please forward cancellation evidence to our office at your earliest possible convenience.

Enclosed for your reply, is a self-addressed, postage paid envelope. Your assistance in this matter would be greatly appreciated.

Sincerely,

CONTINENTAL GUARANTY & CREDIT CORP.

Angela Burton
Angela Burton
Dallas Surety Department
(214) 220-1589

cc: John Rahlfs Co.

Acknowledged date of cancellation: _____
By: _____
Title: _____
Today's Date: _____



Oil and Gas Conservation Commission

STATE OF ARIZONA

3110 N. 19th AVENUE, SUITE 190

PHOENIX, ARIZONA 85015

PHONE: (602) 255-5161

February 16, 1988

Mr. Donald C. Bennett
Petroleum Technical Services Co.
3000 N. Garfield, Ste. 210
Midland, TX 79705

Re: Wells No. 4-1 Federal and
26-1 Federal
Yuma County, AZ

Dear Mr. Bennett:

This letter is to remind you that we have not received the dipmeter logs by Schlumberger on above wells. Also not received yet are the mud logs on both wells and the DST's data on Well No. 4-1 Federal.

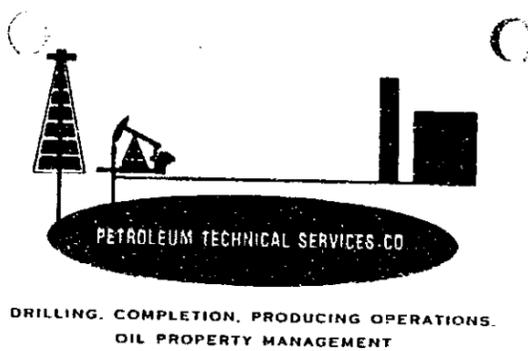
Please file the requested material at your earliest convenience.
Thank you.

Sincerely,

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

RAY:lr

3000 N. GARFIELD, SUITE 210
MIDLAND, TEXAS 79705



OFFICE PHONE
(915) 684-6603

December 14, 1987

Oil & Gas Conservation Commission
State of Arizona
3110 North 19th Avenue Suite 190
Phoenix, Arizona 85015

Attention: R.A. Ybarra

RE: Well Log Copy
Federal No. 4-1
Federal "A" No. 26-1
Yuma County, Arizona

Dear Sir:

I have enclosed copies of our well logs on both the subject wells as per Conservation Commission requirements. If further information is needed, please advise.

Yours very truly,

Don C. Bennett

Don C. Bennett

cc: Ross Roberts



Oil and Gas Conservation Commission

STATE OF ARIZONA

3110 N. 19th AVENUE, SUITE 190

PHOENIX, ARIZONA 85015

PHONE: (602) 255-5161

December 10, 1987

Mr. Don C. Bennett
Petroleum Technical Services Co.
3000 North Garfield, Suite 210
Midland, TX 79705

Re: Wells No. 4-1 and 26-1 Federal
Yuma County

Dear Mr. Bennett:

This letter is to remind you that logs on subject wells are past due.

Please see to it that the logs are filed within the next two weeks.
Thank you.

Sincerely,

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

RAY:lr



Oil and Gas Conservation Commission
STATE OF ARIZONA
3110 N. 19th AVENUE, SUITE 190
PHOENIX, ARIZONA 85015
PHONE: (602) 255-5161

July 24, 1987

Mr. Daniel E. Bennett
Petroleum Technical Services Company
3000 North Garfield St., Ste. 210
Midland, TX 79705

Dear Mr. Bennett:

Enclosed please find Receipt No. 2771 covering the \$25.00 filing fee,
Report on Proposed Operations, approved Application to Drill, and
a copy of the approved Permit to Drill.

If we can be of further assistance, please advise.

Sincerely,

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

RAY:lme

Enclosures

ORGANIZATION REPORT

MAR 23 1987

Full Name of the Company, Organization, or Individual
Petroleum Technical Services Company

Post Office Address (Box or Street Address)
3000 North Garfield Street, Suite 210, Midland, Texas 79705

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

Sole Proprietorship

Purpose of Organization (State type of business in which engaged)

Oil & Gas Exploration & Production

If a reorganization, give name and address of previous organization.

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
Sole Proprietorship	None Assigned.	Being applied for.
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
Don C. Bennett	Owner/Operator	3000 N. Garfield, #210 Midland, Texas 79705

DIRECTORS NAME	POST OFFICE ADDRESS
Sole Proprietorship	

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Don C. Bennett of the Petroleum Technical Services Company (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.

Don C. Bennett
 Signature

03-19-87
 Date

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

PERFORMANCE BOND
KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 600G2681

That we: Roberts & Koch
of the County of Midland in the State of Texas
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 Twenty five thousand and No/100 (\$25,000.00) 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 oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Blanket Bond

(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. § 27-516, 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 oil or gas in commercial quantities, or cease to produce oil or gas 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 8th day of June, 1987

Roberts & Koch

Charles E. Koch, Partner

CANCELLED

WITNESS our hands and seals, this 8th day of June, 1987

The Travelers Indemnity Company

By: John W. Rahlfs, Attorney-in-fact

By: Gregory C. Lizanich

(Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(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 7-1-87
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: R. A. Ybarra

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies

Form No. 2

Permit No. _____