

CONFIDENTIAL

Release Date 8-10-70

P-11

UNION TEXAS PET. #1-17 NAVAJO 529  
SE SE 17-7N-10W APACHE CO.

sl

COUNTY Apache AREA 18 mi SSW/Round Rock Trading Post LEASE NO. N00-C-14-20-2214

WELL NAME Union Texas Petroleum #1-17 Navajo  
LOCATION SE SE SEC 17 TWP 7N RANGE 10W FOOTAGE 740' FSL 800' FEL  
ELEV 5349' GR 5363KB SPUD DATE 1-20-70 STATUS P&A TOTAL DEPTH 3970'  
COMP. DATE 2-10-70  
CONTRACTOR Loffland Brothers, Farmington, New Mexico

CASING SIZE 8 5/8" DEPTH 240 KB CEMENT 175 SK LINER SIZE & DEPTH \_\_\_\_\_  
DRILLED BY ROTARY x  
DRILLED BY CABLE TOOL \_\_\_\_\_  
PRODUCTIVE RESERVOIR \_\_\_\_\_  
INITIAL PRODUCTION P&A

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
DeChelly	230'	X	X	Sandstone-water bearing
Organ Rock	974'			Interbedded orange-brn ss, silst,
Hermosa	1557			Vari-col. sh w/intbdd gry sdy ls & wh ss
Molas	3155			Vari-col sh w/intbdd ss
Mississippian	3226			Ls,crm, tan, dse
Elbert	3418			Dol,pk, lt brn, slty, tite
McCracken	3630			Ss,gry, purp, vf grd, porous, water,wet;
				vari-col sh
Aneth	3782			Dol,tan,brn, dk gry,dse to cxln
Cambrian	3866			Ss,wh,gry,red, f to c grd, porous, water-wet
				intbdd vari-col sh
Precambrian	3944			granite,pink
				See AM STRAT

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG AM STRAT
BHC-GR, IES, SNP, GR	NA	NA	SAMPLE DESCRP.
			SAMPLE NO. <u>1627</u>
			CORE ANALYSIS
			DSTs <u>3</u>

REMARKS Verbal permission to spud given 1-19-70. Request for confidential status 2-10-70. Well will be used as water well by Navajo Tribe.  
APP. TO PLUG x  
PLUGGING REP. x  
COMP. REPORT x

WATER WELL ACCEPTED BY \_\_\_\_\_  
BOND CO. Travelers Indemnity Company BOND NO. 1579945  
DATE \_\_\_\_\_ ORGANIZATION REPORT 1-16-70  
BOND AMT. \$ 25,000 CANCELLED \_\_\_\_\_ WELL BOOK x PLAT BOOK x  
FILING RECEIPT 2863 LOC. PLAT x DEDICATION E/2 SE/4  
API NO. 02-001-20126 DATE ISSUED 1-20-70

PERMIT NUMBER 529

(over)

**CONFIDENTIAL**  
Release Date 8-10-70



## WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

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

DESCRIPTION OF WELL AND LEASE

Operator **Union Texas Petroleum, A Division of Allied Chemical Corporation** Address **Suite 1010, 1860 Lincoln Street Denver, Colorado 80203**

Federal, State or Indian Lease Number or name of lessor if fee lease **Navajo N00-C-14-20-2214** Well Number **1-17** Field & Reservoir **Wildcat**

Location **SE SE (740' FSL, 800' FEL)** County **Apache**

Sec. TWP-Range or Block & Survey **Section 17-T7N-R10W**

Date spudded **1/20/70** Date total depth reached **2/10/70** Date completed, ready to produce **--** Elevation (DF, RKB, RT or Gr.) **5349** feet Elevation of casing hd. Range **5350** feet

Total depth **3970** P.B.T.D. **950** Single, dual or triple completion? **--** If this is a dual or triple completion, furnish separate report for each completion. **--**

Producing interval (s) for this completion **--** Rotary tools used (interval) **Surface to TD** Cable tools used (interval) **No**

Was this well directionally drilled? **No** Was directional survey made? **No** Was copy of directional survey filed? **--** Date filed **--**

Type of electrical or other logs run (check logs filed with the commission) **IES, SNP, BHC-Sonic-GR** Date filed **To be filed later**

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
Surface	12-1/4"	8-5/8"	24	240' (KB)	175 + 2% cc	None

TUBING RECORD

LINER RECORD

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

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production **PLUGGED AND ABANDONED FEBRUARY 10, 1970** 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'd 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 District Production Manager of the Union Texas Petroleum (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.

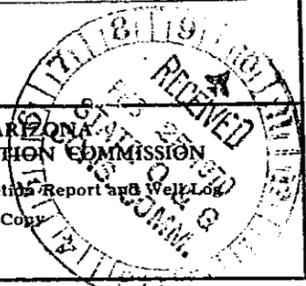
February 16, 1970  
Date

*W. L. Brown*  
Signature

Permit No. **529**

Form No. 4

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
File One Copy



**DETAIL OF FORMATIONS PENETRATED**

Formation	Top	Bottom	Description*
DeChelly	230	974	Sandstone - water bearing
Organ Rock	974	1557	Interbedded orange-brn ss, siltst, ?sh.
Hermosa	1557	3155	Vari-col sh w/intbdd gry sdy ls & wh ss
Molas	3155	3226	Vari-col sh w/intbdd ss
Mississippian	3226	3418	Ls, crn, tan, dse
Elbert	3418	3630	Dol, pk, lt brn, slty, tite
McCracken	3630	3782	Ss, gry, purp, v f grd, porous, water-wet; intbdd vari-col sh
Aneth	3782	3866	Dol, tan, brn, dk gry, dse to cxln
Cambrian	3866	3944	Ss, wh, gry, red, f to c grd, porous, water-wet; intbdd vari-col sh
Precambrian	3944 + 140'	3970 TD	Granite, pink
DST #1: 2420-70; open 50 min., SI 150 min., IFP & FFP 39.6#, FSIP 26.4#, IHP 1198#, FHP 1185#. Recovered 3' drilling mud, NS.			
DST #2: 3050-3132, packer failure.			
DST #3: 3040-3132, pre-flow 5 min., opened w/very weak blow, ISI 1 hr., FOF 1-1/2 hrs., FSI 3 hrs. Recovered 30' mud, NS. IHP & FHP 1486#, IF & FF 183#, ISIP 183#, FSIP 157#.			
<p><i>No core taken</i></p> <p>15363 230 + 5133</p>			

\* 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.

**PLUGGING RECORD**

Operator <b>Union Texas Petroleum, A Division of Allied Chemical Corporation</b>		Address <b>Suite 1010, 1860 Lincoln Street Denver, Colorado 80203</b>	
Federal, State, or Indian Lease Number, or lessor's name if fee lease: <b>Navajo NOO-C-14-20-2214</b>	Well No. <b>1-17</b>	Field & Reservoir <b>Wildcat</b>	
Location of Well <b>SE SE (740' FSL, 800' FEL)</b>		Sec-Twp-Rge or Block & Survey <b>Section 17-T7N-R10W NSM Apache</b>	County
Application to drill this well was filed in name of <b>Union Texas Petroleum, A Division of Allied Chem. Corp.</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production): Oil (bbls/day) <b>--</b> Gas (MCF/day) <b>--</b> Dry? <b>Yes</b>	
Date plugged: <b>February 10, 1970</b>	Total depth <b>3970</b>	Amount well producing when plugged: Oil (bbls/day) <b>None</b> Gas (MCF/day) <b>None</b> Water (bbls/day) <b>None</b>	
Name of each formation containing oil or gas. Indicate which formation open to well-bore 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
<b>None</b>			

**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
<b>8-5/8"</b>	<b>227</b>	<b>None</b>	<b>227</b>	<b>N/A</b>	<b>Guide shoe on bottom.</b>

Was well filled with mud-laden fluid, according to regulations? **Yes**      Indicate deepest formation containing fresh water. **DeChelly - 230'-970'**

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

Name	Address	Direction from this well:
<b>Same as operator</b>		

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.

**PBTD of 950'; Cato Sells of Navajo tribe requested surface casing be left in well. 8-5/8" x 2" swedge w/2" plug valve were installed and chemically welded. Tribe will use well later as fresh water well.**

Use reverse side for additional detail.

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

Date **February 16, 1970**

Signature *W.L. Hyman*

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Plugging Record  
File One Copy



Permit No. **529**

Form No. 10

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat  
 OPERATOR Union Texas Petroleum, A Division of Allied Chemical Corporation ADDRESS Suite 1010, 1860 Lincoln Street Denver, Colorado 80203  
 Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease Navajo - N00-C-14-20-2214 WELL NO. 1-17  
 SURVEY N.S.M. SECTION 17 COUNTY Apache  
 LOCATION SE SE Section 17-T7N-R10W (740' FSL, 800' FEL)

TYPE OF WELL Dry hole TOTAL DEPTH 3970  
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) \_\_\_\_\_  
 LAST PRODUCTION TEST OIL \_\_\_\_\_ (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
 GAS \_\_\_\_\_ (MCF) DATE OF TEST \_\_\_\_\_

PRODUCING HORIZON \_\_\_\_\_ PRODUCING FROM \_\_\_\_\_ TO \_\_\_\_\_

1. COMPLETE CASING RECORD

227 ft. 8-5/8" 24# K-55 seamless casing set at 240' KB and cemented with 175 sx regular cement plus 2% calcium chloride. Good cement returns. Pipe not pulled. Gato Sells, Navajo Indian tribe, requested that well be left with 8-5/8" x 2" swedge with 2" plug valve, all chemically welded. Well will be used as water well.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Spot cement plugs as follows, regular cement:	950' - 1050'	30 sx
	1500' - 1600'	30 sx
	3100' - 3250'	45 sx
	3600' - 3800'	60 sx
	<b>Total</b>	<b>165 sx</b>

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS February 10, 1970  
 NAME OF PERSON DOING WORK A. T. Fry ADDRESS P. O. Box 103, Fort Morgan, Colorado 80701  
 CORRESPONDENCE SHOULD BE SENT TO Mr. W. L. Hixon  
Name  
District Production Manager  
Title  
Union Texas Petroleum  
Suite 1010, 1860 Lincoln Street, Denver, Colorado 80203  
Address  
February 16, 1970  
Date

Date Approved 2-25-70  
 STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 By: John Bunnister

STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 Application to Abandon and Plug  
 File Two Copies  
 Form No. 9  
 RECEIVED  
 FEB 25 1970  
 STATE O & G  
 CONSERVATION COMMISSION

Permit No. 529

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R366.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] Other [ ]
b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP EN [ ] PLUG BACK [ ] DIFF. RENVR. [ ] Other [ ]

2. NAME OF OPERATOR: Union Texas Petroleum, A Division of Allied Chemical Corporation

3. ADDRESS OF OPERATOR: Suite 1010, 1860 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface SE SE Section 17-T7N-R10W (740' FSL, 800' FEL) At top prod. interval reported below: At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: NOO-C-14-20-2214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Navajo

9. WELL NO.: 1-17

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA: Section 17-T7N-R10W

12. COUNTY OR PARISH: Apache 13. STATE: Arizona

15. DATE SPUNDED: 1/20/70 16. DATE T.D. REACHED: 2/10/70 17. DATE COMPL. (Ready to prod.): Plugged 2/10/70 18. ELEVATIONS (OF. RES. RT. GR. ETC.): 5349 GL, 5362 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 3970 21. PLUG. BACK T.D., MD & TVD: 3070 22. IF MULTIPLE COMPL., HOW MANY: N/A 23. INTERVALS DRILLED BY: Surface to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): None 25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: IES, SNP, BHC-Sonic-GR 27. WAS WELL CORED: No

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 8-5/8", 24, 240' (KB), 12-1/4", 175 sx regular + 2% cc, None

Table with 8 columns: LINDER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD)) and TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED)

Table with 7 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW, TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY API (CORR.)

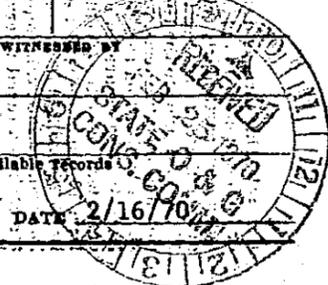
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED: [Signature] TITLE: District Production Manager DATE: 2/16/70

(See Instructions and Spaces for Additional Data on Reverse Side)

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# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 78: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	LOG #
De Chelly	230	970	Sandstone - water bearing	
DST #1:	2420-70;	open 50 min., SI 150 min., IFF & FFP 39.6#, FSIP 26.4#, IHP		
DST #2:	3050-3132;	packer failure.		
DST #3:	3040-3132;	pre-flow 5 min., opened w/very weak blow, ISI 1 hr., FOF		
	1-1/2 hrs., FSI 3 hrs. Recovered 30' mud, NS.	IHP & FHP 1486#, IF		
	& FF 183#, ISIP 183#, FSIP 157#			

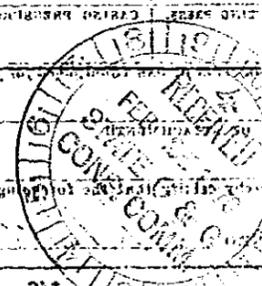
  

GEOLOGIC MARKERS		TOP	TRUE VENT. DEPTH
NAME	NEAR. DEPTH		
Organ Rock	974	(+4389)	
Hermosa	1557	(+3806)	
Chaetetes Zone	3096-	(+2267 &	
	3104	+2259)	
Molas	3155	(+2208)	
Mississippian	3226	(+2137)	
Elbert	3418	(+1945)	
McCracken	3630	(+1733)	
Aneth	3782	(+1581)	
Cambrian	3866	(+1497)	
Precambrian	3944	(+1419)	
Log TD	3967		
Driller's TD	3970		

38. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS AND AGL. DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

U.S. GOVERNMENT PRINTING OFFICE: 1961-O-813036

871-233



529

Subsequent Report of Abandonment approved by

U. S. Geological Survey on

Navajo #1-1

Navajo #1-17

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry hole		5. LEASE DENIGATION AND SERIAL NO. NOO-C-14-20-2214
2. NAME OF OPERATOR Union Texas Petroleum, A Division of Allied Chemical Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR Suite 1010, 1860 Lincoln Street, Denver, Colorado 80203		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE SE Section 17-T7N-R10W (740' FSL, 800' FEL)		8. FARM OR LEASE NAME Navajo
14. PERMIT NO.	15. ELEVATIONS (Show whether DT, RT, OR, etc.) 5349 GL, 5362 KB	9. WELL NO. 1-17
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Wildcat
NOTICE OF INTENTION TO:		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17-T7N-R10W
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	12. COUNTY OR PARISH Apache
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETS <input type="checkbox"/>	13. STATE Arizona
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	
(Other) <input type="checkbox"/>		
SUBSEQUENT REPORT OF:		
WATER SHUT-OFF <input type="checkbox"/>		REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>		ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>		ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		

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.)

Referenced well was plugged and abandoned, per previously granted verbal approval by Mr. Seelinger, February 10, 1970. Well plugged and abandoned February 10, 1970.

Plugs:	950 - 1050	30 sx
	1500 - 1600	30 sx
	3100 - 3250	45 sx
	3600 - 3800	60 sx
	<b>Total</b>	<b>165 sx</b>

Cato Sells, with the Navajo tribe, requested this well be equipped as follows, so that they may use it for a fresh water well producing from the DeChelly: 8-5/8" x 2" swedge with 2" plug valve, all chemically welded.

RECEIVED  
FEB 25 1970  
GEOLOGICAL SURVEY

RECEIVED  
MAY 18 1970

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

SIGNED W. L. Dixon TITLE District Production Manager DATE 2/16/70

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

MAY 1 1970

P. I. McGRATH  
DISTRICT ENGINEER

RECEIVED  
MAY 25 1970  
STATE O & G  
CONS. COMM.

529

2-10-70

Samples on the Union Texas Petr. (Permit # 529)  
#1-17 Navajo  
Sec. 17-7N-10W  
Apache Co. Arizona

have been received at the Cut. These samples  
are Tite at this time.

*Jo Ratcliff*

FOUR CORNERS SAMPLE CUT ASSOCIATION  
P. O. BOX 899  
FARMINGTON, NEW MEXICO

8

529

Feb 10, 1970

Telephone from Harold Brown (geologist)

Verbal permission to P&A: OK — JLS

TD 3970

8 5/8 CSG SET @ 240' w/ 175 SX.

FORMATION TOPS:

Chinle	SURFACE
DE CHELLE	175 (sampl. Top)
ORIGN ROCK	974
Kennicott	1557
Molas	3155
MISS	3226
ELBERT	3418
McCRACKEN	3630
Aneth	3792
Cambrian	3866
pre-Cambrian	3944

Cement plugs:

3600 - 3800

3100 - 3250

1500 - 1600

950 - 1050

220 - 270

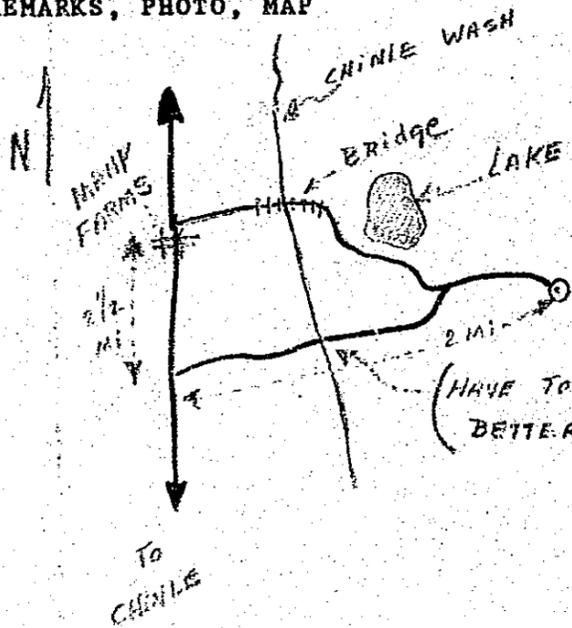
10 SX @ SURFACE with MARKER.

52<sup>a</sup> No Cores taken. DST #1 2420-2470 Rec 3' Mud;  
DST #2 3050-3132: PKR failed; DST #3 3040-  
3132. Rec 30' M.

WELL SITE CHECK

Contractor Loffland Person(s) Contacted By *JRS*  
 Spud date 1-20-70 Date \_\_\_\_\_  
 Type Rig Rotary  Cable  Present Operations DRILLING 2330'  
 Samples \_\_\_\_\_  
 Pipe SET 8 5/8 @ 240' w/ 175 SY Drilling with Air \_\_\_\_\_ Mud \_\_\_\_\_  
 Water Zones \_\_\_\_\_ Size Hole 7 7/8"  
 Lost Circ. Zones \_\_\_\_\_ Size Drill Pipe \_\_\_\_\_  
 Formation Tops SEE FILE Type Bit SECURITY S 88 (button Bit)  
 Cores, Logs, DST NO CORES No. Bit \_\_\_\_\_ Drilling Rate \_\_\_\_\_  
 Formation \_\_\_\_\_  
 Crews TWO CREWS FLYING FROM FARMINGTON Lithology \_\_\_\_\_

REMARKS, PHOTO, MAP



(Tentative top De Chelly 175'  
 " " ORGAN ROCK 995')

WELL NAME Union Tex #1-17 Navajo

Permit No. 529  
 Confidential:  Yes  No

DESIGNATION OF OPERATOR

The undersigned is the record holder of Lease:  
(Number or name of lease and description of entire lease acreage)

NOO-C-14-20-2214

and hereby designates

Name: Union Texas Petroleum, A Division of Allied Chemical Corporation

Address: 1010 Lincoln Tower Building, Denver, Colorado 80203

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and all regulations, whether Federal, Indian, State, or local, applicable thereto and on whom may be served written or oral instructions in securing compliance with all the applicable lease terms, and rules and regulations of the Oil and Gas Conservation Commission, State of Arizona, with respect to:

(Describe only the acreage to which this designation applies)

Township 7 North, Range 10 West, N.S.M.

Section 17: (All) Section 19: (All-Fractional)

Section 18: (All-Fractional) Section 20: (All)

Contains 2557.49 Acres, more or less, Apache County, Arizona

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and with all the applicable rules and regulations of the Oil and Gas Conservation Commission, State of Arizona. It is understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the record holder of the lease remains primarily responsible for and will make full and prompt compliance with all applicable lease terms, the rules and regulations of the Oil and Gas Conservation Commission, State of Arizona, or orders of other appropriate regulatory governmental agencies.

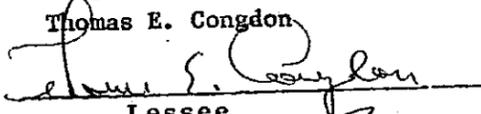
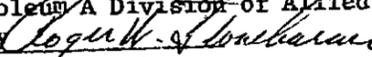
The lessee agrees promptly to notify all proper authorities and appropriate regulatory governmental agencies on any change in the designated operator.

The designated operator agrees to promptly notify all proper authorities of any change of his address during the period in which this designation of operator is in force.

Thomas E. Congdon

February 3, 1970  
(Date)

February 3, 1970  
(Date)

  
Lessee  
Union Texas Petroleum A Division of Allied  
Chemical Corp. By   
Designated Operator  
DIRECTOR, EXPLORATION

(If this Designation of Operator applies to a State of Arizona Oil and Gas Lease, copy of this designation of operator must be filed with the State Land Department.)



529



Corporation

**UNION TEXAS PETROLEUM DIVISION**

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

January 21, 1970

State of Arizona  
Oil & Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: Navajo #1-17  
SE SE Section 17-T7N-R10W  
Many Farms Area  
Apache County, Arizona

Gentlemen:

This is to let you know that the subject well was spudded at 11:00 p.m. on January 20, 1970. We are currently circulating at 250 ft., and preparing to run surface casing.

Yours very truly,

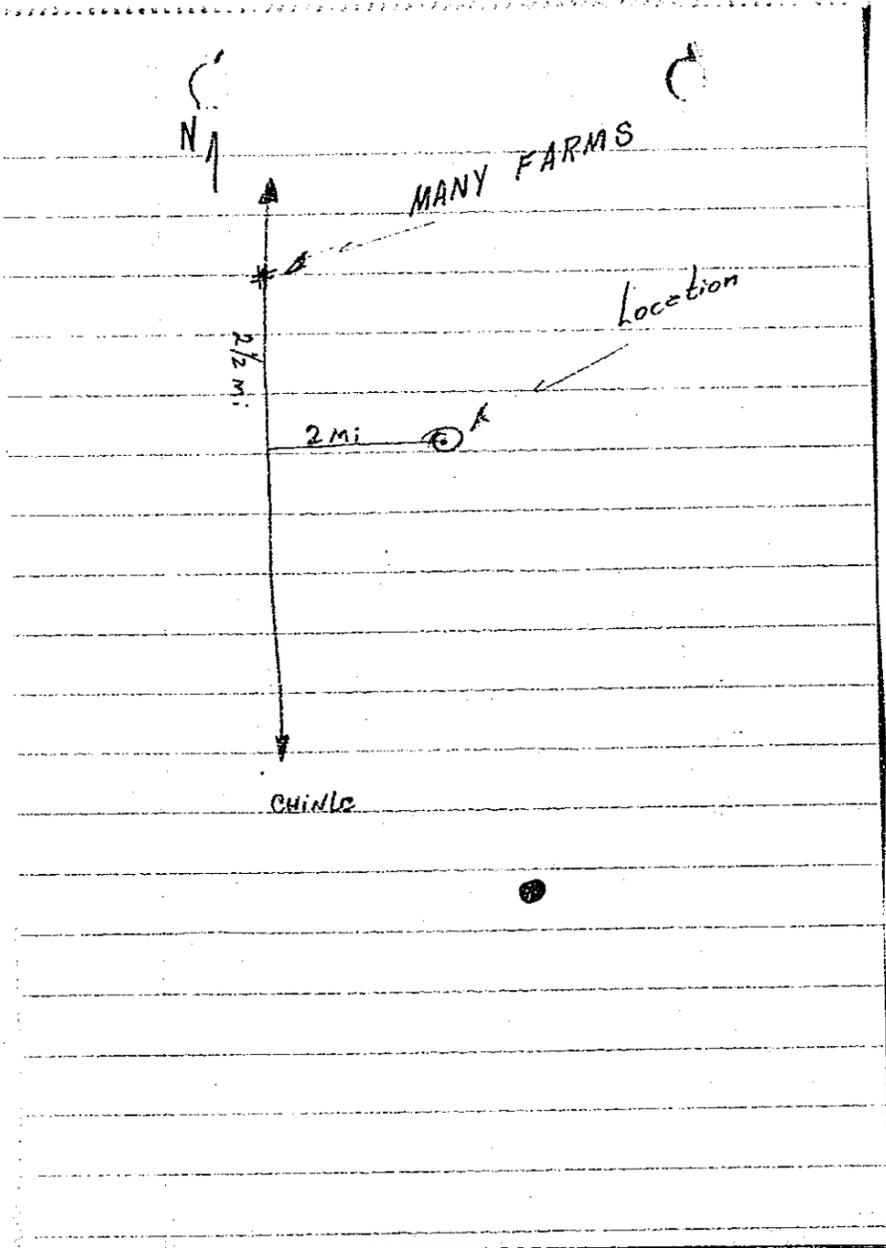
*J. D. Smothermon*  
J. D. SMOTHERMON  
District Engineer

rw



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529



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
Union Texas Petroleum, A Division of Allied Chemical Corporation

3. ADDRESS OF OPERATOR  
Suite 1010, 1860 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
SE SE (740' FSL, 800' FEL)  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
18 miles S SW of Round Rock Trading Post

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
740

16. NO. OF ACRES IN LEASE  
2557.49

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.  
N/A

19. PROPOSED DEPTH  
3400

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5349' (ungraded ground level)

22. APPROX. DATE WORK WILL START\*  
January 22, 1970

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	225	125 sx regular + 2% cc
7-7/8"	4-1/2"	10.5#	3400	200 sx 50/50 Pozmix

Operator proposes to drill +225 ft. surface hole, set 8-5/8" surface casing and cement accordingly. We then propose to drill a 7-7/8" hole to total depth. At total depth, IES, SNP and BHC-Sonic-GR logs will be run. Coring and drill stem tests will be taken as shows warrant. If commercial production is indicated, 4-1/2" casing will be run and cemented accordingly. Zone(s) of interest will be perforated and stimulated as required.

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.

24. SIGNED [Signature] TITLE District Engineer DATE 1/15/70

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



529 14

(Submit in duplicate to appropriate  
Regional Oil and Gas or Mining Supervisor)

### DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of <sup>Indian Affairs</sup> ~~Land Management~~, holder of lease

DISTRICT LAND OFFICE: Farmington, New Mexico  
SERIAL NO.: NOO - G -14-20-2214

and hereby designates

NAME: Union Texas Petroleum, a Division of Allied Chemical Corporation  
ADDRESS: 1010 Lincoln Tower Building, Denver, Colorado 80203

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 7 North, Range 10 West, NSM

Section 17: (All)  
Section 18: (All - Fractional)  
Section 19: (All - Fractional)  
Section 20: (All)

Containing 2557.49 acres, more or less  
Apache County, Arizona

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

THOMAS E. CONGDON

(Signature of lessee)

520 Patterson Building  
Denver, Colorado 80202

(Date)

(Address)



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529

## APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Union Texas Petroleum, A Division of Allied Chemical Corporation

---

NAME OF COMPANY OR OPERATOR

Suite 1010, 1860 Lincoln Street, Denver, Colorado 80203

Address City State

Drilling Contractor

Loffland Brothers

P. O. Box 688, Farmington, New Mexico

Address

### DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor	Well number	Elevation (ground)
N00-C-14-20-2214	Navajo #1-17	5349
Nearest distance from proposed location to property or lease line:	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:	
740 feet	N/A (none on lease) feet	
Number of acres in lease:	Number of wells on lease, including this well, completed in or drilling to this reservoir:	
2560	One	

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

Name Address

N/A

Well location (give footage from section lines)	Section—township—range or block and survey	Dedication (Comply with Rule 105)
740' FSL, 800' FEL	Section 17-T7N-R10W	80 acres

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

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

18 miles south-southwest of Round Rock Trading Post

Proposed depth:	Rotary or cable tools	Approx. date work will start
3400 ft.	Rotary	January 21, 1970

Bond Status	Organization Report Will be forwarded	Filing Fee of \$25.00
Amount Will be filed	On file Or attached	Attached <input checked="" type="checkbox"/>

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Engineer of the Union Texas Petroleum (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

January 15, 1970

Date

Permit Number: 529

Approval Date: 1-20-70

Approved By: John Bannister

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

RECEIVED  
JAN 15 1970  
STATE OF ARIZONA  
OIL & GAS  
CONSERVATION COMMISSION

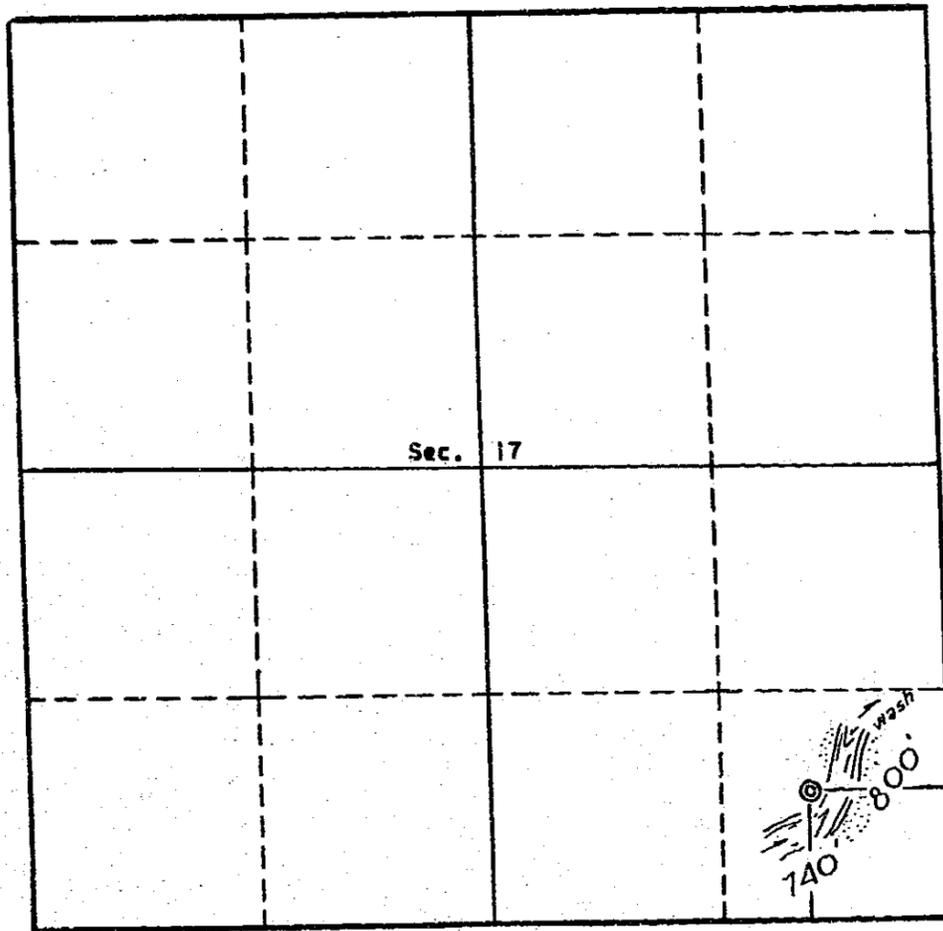
1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section. Survey plat attached
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 \_\_\_\_\_ NO X. If answer is "yes," Type of Consolidation \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner <b>Thomas E. Congdon 8/8</b>	Land Description <b>Section 17-T7N-R10W NSM</b>
<b>CERTIFICATION</b>	
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
<i>[Signature]</i>	
Name <b>District Engineer</b>	
Position <b>Union Texas Petroleum</b>	
Company <b>January 15, 1970</b>	
Date	
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
8-5/8"	24#	J-55	Same	Same	225	125
4-1/2"	10.5#	J-55	Same	Same	3400	200

Company UNION TEXAS PETROLEUM  
 Well Name & No. \_\_\_\_\_  
 Location 740 feet from the South line and 800 feet from the East line.  
 Sec. 17, T. 7 N., R. 10 <sup>W., N. S. M.</sup> ~~E., S. & S. R. M.~~, County Apache, Arizona  
 Ground Elevation 5349, ungraded



Scale, 1 inch = 1,000 feet

Surveyed January 2, 1970

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*Ernest V. Echohawk*  
 Ernest V. Echohawk  
 Registered Land Surveyor  
 Arizona Registration No. 2311



529



# PERMIT TO DRILL

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

To: Union Texas Petroleum  
(OPERATOR)

to drill a well to be known as

Union Texas Petroleum #1-17 Navajo (2214)  
(WELL NAME)

located 740' FSL - 800' FEL

Section 17 Township 7N Range 10W, Apache County, Arizona.

The E/2 SE/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 20<sup>th</sup> day of Jan., 1970.

OIL AND GAS CONSERVATION COMMISSION

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL  
YOU MUST BE IN FULL COMPLIANCE WITH RULE  
105, SECTION A THROUGH G, WITH RESPECT  
TO THE PRODUCT TO BE PRODUCED.

By John Bonnister  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 529

RECEIPT NO. 2863  
API No. 02-001-20126

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED

MEMORANDUM 8626 N. Central  
Suite 106, 75020

December 23, 1975

Mr. A. P. Anderson  
Division Procedures Coordinator  
Allied Chemical  
Union Texas Petroleum Division  
P. O. Box 2120  
Houston, Texas 77001

RE: Bond No. 157 99 45  
Performance Bond  
Our File No. 534, 531, 529, 544 & 545

Dear Mr. Anderson:

In regard to your letter of December 16, 1975, we are this date cancelling the above captioned bond.

We are also, by copy of this letter, notifying Travelers Insurance Company of this cancellation.

If we can be of any further assistance, please advise.

Very truly yours,

Saralee Lorenzo  
Secretary to W. E. Allen, Director

sl

cc: Marsh & McLennan

*see file #534*



**PERFORMA BOND**

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 1579945

That we: UNION TEXAS PETROLEUM DIVISION OF ALLIED CHEMICAL CORPORATION

of the County of Harris 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 Dollars (\$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 for the state

(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 16th day of January, 1970

[Signature] ATTORNEY-IN-FACT  
ALLIED CHEMICAL CORPORATION  
Principal

WITNESS our hands and seals this 16th day of January, 1970

[Signature] Attorney-in-Fact  
THE TRAVELERS INDEMNITY COMPANY  
Surety  
[Signature]  
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: 1-20-70  
STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
By: [Signature]

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

Permit No. \_\_\_\_\_

OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
1624 WEST POLK ST. SUITE 202  
TULSA, OKLA. 74106  
PHOENIX, ARIZONA 85007

**The Travelers Indemnity Company**  
Hartford, Connecticut

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:**

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

Robert J. Whelan, Robert F. Cook, E. Schultz, William K. Bruce, George J. Bruce, Jr., George S. Bruce, III, Robert L. Bragg, A. S. Vandervoort, III, all of Houston, Texas, 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 not exceeding in amount Five Hundred Thousand Dollars (\$500,000) in any single instance

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 13. The Chairman of the Board, the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, any Senior Vice President, any Vice President, any Second Vice President, any 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 15. 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, the Chairman of the Insurance Executive Committee, any Senior Vice President, any Vice President or any Second Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary or when signed by the Chairman of the Board, the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, any Senior Vice President, any Vice President or any Second Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent and any such bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority granted by him or their power or powers 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 to be valid and binding upon the Company with the same force and effect as though manually

1967 on behalf

**CERTIFICATION**

I, E. A. Houser III, Assistant Secretary (Fidelity and Surety) of THE TRAVELERS INDEMNITY COMPANY certify that the foregoing power of attorney, the above quoted Sections 13 and 15 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 16th day of January 1970



*E. A. Houser III*

December 27, 1974

Mrs. Lena Simon  
The Travelers  
P. O. Box 1446  
Houston, Texas 77001

Re: Union Texas Petroleum, Div. of  
Allied Chemical Corp. - Principal  
Blanket Drilling Bond  
Bond #1579945

Dear Mrs. Simon:

We have received your request for cancellation of the above referenced bond. Please be advised that the principal under this bond is not in full compliance with the rules and regulations of the Oil and Gas Conservation Commission of the State of Arizona. Until such time as this company is in full compliance with all the rules and regulations, this bond cannot be released.

Should you need any further information, please let us know.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

cc Curtis Little

522



THE TRAVELERS

Surety Department  
Robert S. Winter, Manager

December 9, 1974

Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams, Suite 202  
Phoenix, Arizona 85007

Re: Union Texas Petroleum, Div. of  
Allied Chemical Corp. - Principal  
Blanket Drilling Bond  
Bond #1579945

Gentlemen:

Effective January 16, 1970 the above captioned bond was executed on behalf of The Travelers Indemnity Company as Surety. We have now been advised by the agent for our principal that the above bond be cancelled.

Please send us your acknowledgement that the bond is cancelled and the effective date in which we may terminate our liability.

A return envelope is enclosed for your convenience.

Yours very truly,

THE TRAVELERS INDEMNITY COMPANY

(Mrs.) Lena Simon

/ls

Encl.

cc: Marsh-McLennan Inc. of Houston

RECEIVED

DEC 17 1974

O & G CONS. COMM.



Corporation

## UNION TEXAS PETROLEUM DIVISION

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

February 23, 1970

Arizona Oil and Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: Navajo #1-17  
SE SE Section 17-T7N-R10W  
Many Farms Area  
Apache County, Arizona  
N00-C-14-20-2214

Gentlemen:

Enclosed is the following material relative to the subject well:

- 1 copy Well Completion or Recompletion Report and Well Log (Form No. 4)
- 2 copies Application to Abandon and Plug (Form No. 9)
- 1 copy Plugging Record (Form No. 10)

We believe this will complete your requirements for information regarding this well.

Yours very truly,

W. L. HIXON  
District Production Manager

Copies of Forms 4 and 10 sent as follows:

- 1-Dr. F. A. F. Berry, 719 Cragmont, Berkeley, California 94708
- 1-R. G. Berry Co., 223 Mayo Bldg., Tulsa, Oklahoma 74103
- 2-W. T. Blackburn, 1650 Denver Club Bldg., Denver, Colorado 80202
- 1-Z. B. Brinkerhoff, 870 Denver Club Bldg., Denver, Colorado 80202
- 1-St. Mary Parish Land Co., 520 Patterson Bldg., Denver, Colorado 80202
- 1-Alf R. Thompson, et al, P. O. Box 69, Mattoon, Illinois 61938
- 1-Mr. George Wells, Houston Office

Encl.

rw



529



Corporation

**UNION TEXAS PETROLEUM DIVISION**

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

February 23, 1970

U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Re: Navajo #1-17  
SE SE Section 17-T7N-R10W  
Many Farms Area  
Apache County, Arizona  
NOO-C-14-20-2214

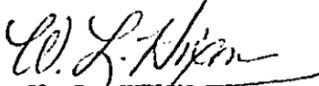
Gentlemen:

Enclosed is the following material relative to the subject well:

2 copies Well Completion or Recompletion Report and Log (Form 9-330)  
3 " Notice of Intention to Abandon (Form 9-331)  
3 " Subsequent Report of Abandonment (Form 9-331)

We believe this will complete your requirements for information regarding this well.

Yours very truly,

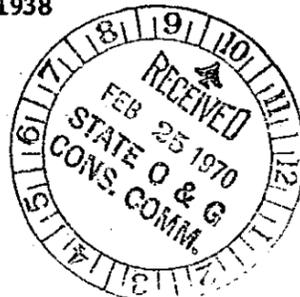
  
W. L. HIXON

District Production Manager

Copies of Form 9-330 sent as follows:

- 1-Arizona Oil & Gas Cons. Comm., Room 202, 1624 West Adams, Phoenix, Arizona 85007
- 1-Dr. F. A. F. Berry, 719 Cragmont, Berkeley, California 94708
- 1-R. G. Berry Co., 223 Mayo Bldg., Tulsa, Oklahoma 74103
- 2-W. T. Blackburn, 1650 Denver Club Bldg., Denver, Colorado 80202
- 1-Z. B. Brinkerhoff, 870 Denver Club Bldg., Denver, Colorado 80202
- 1-St. Mary Parish Land Co., 520 Patterson Bldg., Denver, Colorado 80202
- 1-Alf R. Thompson, et al, P. O. Box 69, Mattoon, Illinois 61938
- 1-Mr. George Wells, Houston Office

Encl.  
rw



529



Corporation

**UNION TEXAS PETROLEUM DIVISION**

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

February 18, 1970

Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams, Room 202  
Phoenix, Arizona 85007

Attention: Mr. J. R. Scurlock

Dear Sir:

Your note to Mr. Smothermon regarding the #1-17 Navajo well was passed on to me.

We would like to keep the information on this well "tight" for the present time. As soon as the information can be released we will let you know by letter.

Yours very truly,

Sid Williams

SW:sh



529



Corporation

**UNION TEXAS PETROLEUM DIVISION**

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

February 3, 1970

State of Arizona  
Oil and Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: Navajo #1-17  
SE SE Section 17-T7N-R10W  
Many Farms Area  
Apache County, Arizona  
N00-G-14-20-2214

Gentlemen:

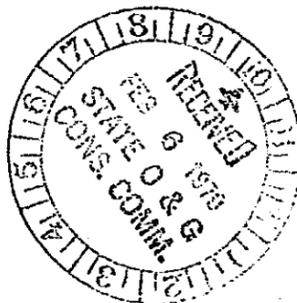
Per our earlier correspondence, we indicated we would forward State of Arizona "Designation of Operator forms when received.

Attached are three copies of aforementioned Designation of Operator.

Yours very truly,

J. D. SMOTHERMON  
District Engineer

Encl.  
JDS:rw



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529

Mr. J. D. Smotherman  
Union Texas Petroleum  
Suite 1010  
1860 Lincoln Street  
Denver, Colorado 80203

Re: Union Texas Petroleum #1-17 Navajo (2214)  
T7N, R10W, NSM  
Sec. 17: SE/4 SE/4  
Apache County  
Permit #529

Dear Mr. Smotherman:

Enclosed please find the approved Application for Permit To Drill, Receipt No. 2863 covering the \$25 filing fee, a copy of the plat showing the preferred dedication, a copy of the approved Bond No. 1579945, and our Permit To Drill #529. We are now also in receipt of your Organization Report.

Also enclosed are instruction sheets pertaining to samples and required reports.

Sincerely,

John Bannister  
Executive Secretary

jd  
Enc. (8)

# THE TRAVELERS

THE TRAVELERS INSURANCE COMPANY · THE TRAVELERS INDEMNITY COMPANY

CASUALTY-PROPERTY DEPARTMENT  
WALTER J. SHUDE, JR., MANAGER  
Agency



PHOENIX OFFICE  
2200 North Central Avenue  
PHOENIX, ARIZONA 85004  
Telephone: 252-8971

January 19, 1970

Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams, Suite 202  
Phoenix, Arizona 85007

Re: Performance Bond to Arizona Oil and  
Gas Conservation Commission  
Union Texas Petroleum Division of  
Allied Chemical Corporation  
Bond #1579945 - \$25,000

Gentlemen:

The captioned bond has been properly executed and countersigned  
by an Arizona Resident Agent and is enclosed for filing with  
your Department.

We trust you will find the enclosures in order.

Very truly yours,

*Pauline Cadkin*  
(Mrs.) Pauline Cadkin, Secy.  
Casualty-Property Agency Department

pc  
Encls. Perf. Bond  
(Original and one copy)



529



# Telegram

909A 21ST

1056A PST JAN 19 70 LA167 NSG170

NS HSD124 LP PDB 6 EXTRA HOUSTON TEX 19 1146A CST *1146A*

MISS JAMIE BEPEY, OIL AND GAS CONSERVATION COMMISSION

ROOM 202 1624 WEST ADAMS PH 602 271-5161 PHOENIX ARIZ *85007*

TRAVELERS INDEMNITY COMPANY PERFORMANCE BOND NUMBER 1579945

ISSUED TO ARIZONA OIL AND GAS CONSERVATION COMMITTEE IN THE

AMOUNT OF \$25,000 EFFECTIVE JANUARY 16 1970 ON BEHALF UNION

TEXAS PETROLEUM DIVISION OF ALLIED CHEMICAL CORPORATION AND

MAILED TO TRAVELERS PHOENIX

OFFICE FOR COUNTER SIGNATURE SAME DATE. BOND IS IN EFFECT AND WILL BE IN YOUR HAND AS SOON AS COUNTERS SIGNATURE EFFECTIVE

ALEXANDER AND ASSOCIATES ROBERT J WHELAN ATTORNEY IN FACT

TRAVELERS INDEMNITY CO

1579945 \$25,000 16 1970

(1217).

5F-1201 (R5-69)

*529*

*J. B. Mail*  
*1121A*



*16582*

C-048121

1970 JAN 19 PM 12:16

1970 JAN 21 AM 10 57

1970 JAN 21 AM 10 57

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**ALEXANDER & ASSOCIATES**

DALLAS  
HOUSTON

INSURANCE

1230 TENNECO BUILDING, HOUSTON, TEXAS 77002

AREA CODE  
713

TELEPHONE  
222-1521

January 16, 1970

Mr. James L. McMellen, Asst. Mgr.  
The Travelers Indemnity Company  
2200 North Central Avenue  
Phoenix, Arizona 85004

Re: Performance Bond to Arizona Oil  
and Gas Conservation Commission

Dear Mr. McMellen:

At the suggestion of your Houston office please find enclosed in duplicate \$25,000 Performance Bond issued to State of Arizona Oil and Gas Conservation Commission on behalf of Union Texas Petroleum Division of Allied Chemical Corporation.

The enclosed Bond has been executed by the principal and by the undersigned as Attorney-in-Fact for The Travelers Indemnity Company.

Please have the original and duplicate Bond countersigned as required and then if you will be so kind, file the original and duplicate Bond with the following agency:

Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams, Suite 202  
Phoenix, Arizona 85007

For the completion of our records and those of Union Texas Petroleum, please acknowledge on the enclosed copy of this letter, the date this Bond and its duplicate copy is filed with the Commission.

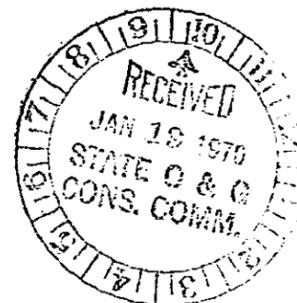
Many thanks for your helpful assistance.

Yours very truly,

ALEXANDER & ASSOCIATES

*R. J. Whelan*  
R. J. Whelan

RJW/ah  
Enclosures



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Mr. James L. McMellen, Asst. Mgr.  
Page 2  
January 16, 1970

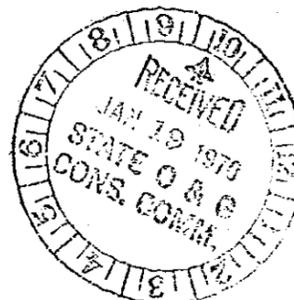
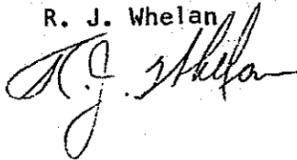
cc: Mr. E. J. Busch  
Union Texas Petroleum  
P. O. Box 2120  
Houston, Texas 77001

cc: Mr. Jerry Smothermon  
Union Texas Petroleum  
1860 Lincoln  
Denver, Colorado 80203

P. S. to: Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams, Suite 202  
Phoenix, Arizona 85007

We are furnishing your office with a carbon copy of this letter in order that you be aware that the required Performance Bond on behalf of Union Texas Petroleum Division of Allied Chemical Corporation has been executed and is on its way to you so that hopefully any delay in the issuance of your permit to Union Texas may be avoided. Thank you.

R. J. Whelan



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**ALEXANDER & ASSOCIATES**



Corporation

**UNION TEXAS PETROLEUM DIVISION**

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

January 16, 1970

State of Arizona  
Oil and Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

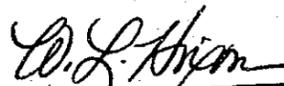
Re: Navajo #1-17  
SE SE Section 17-T7N-R10W  
Many Farms Area  
Apache County, Arizona  
NOO-C-14-20-2214

Gentlemen:

Under date of January 15, 1970, our Mr. J. D. Smothermon sent you miscellaneous materials relative to the subject well. We neglected to enclose with that data the check for drilling permit fee; and for this reason we are now transmitting our check No. 7333 in the amount of \$25.00.

We apologize for any inconvenience which may have been caused by this oversight.

Yours very truly,

  
W. L. HIXON  
District Production Manager

Encl.  
cc (letter only): G. Wells, Houston  
rw



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Corporation

**UNION TEXAS PETROLEUM DIVISION**

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

January 15, 1970

State of Arizona  
Oil & Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: Navajo #1-17  
SE SE Section 17-T7N-R10W  
Many Farms Area  
Apache County, Arizona  
NOO-C-14-20-2214

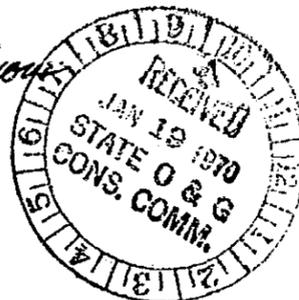
Gentlemen:

Enclosed for your approval are two copies of your Application for Permit to Drill or Re-enter (Form No. 3). In addition we are enclosing two copies of certified surveyor's plat in lieu of providing this information on the back of your form. We are attempting to make arrangements to have our bonding company notify you by telegram that we are duly bonded but have not filed the bond forms with your office. This procedure, as I understand, is consistent with a telephone conversation between Mr. E. J. Busch of our Houston office and Miss Deppy. We respectfully request that verbal approval to commence this well be obtained January 19, 1970. We have a drilling contractor's rig available within seven miles of our proposed location and desire to use him. If we experience undue delay, we may not be in a position to use this particular contractor, and additional money will be required to move a rig into this area. I hope we have completed the various forms to your satisfaction.

Also we are enclosing one copy of U.S. Geological Survey Designation of Operator in lieu of your State form (Designation of Operator). We are having your State form prepared and will forward it immediately upon receipt.

Yours very truly,

  
J. D. SMOTHERMON  
District Engineer



Encl.  
JDS:rw

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