

P-W

UNION TEXAS #1-6 NAVAJO  
NW SW Sec. 6-36N-30E APACHE 545

sl

COUNTY Apache AREA SW of Red Rock LEASE NO. N00-C-14-20-2279

WELL NAME Union Texas Petroleum #1-6 Navajo

LOCATION NW SW SEC 6 TWP 36N RANGE 30E FOOTAGE 1950' FSL - 460' FWL

ELEV 6610' GR 6621 KB SPUD DATE 8-20-70 STATUS P&A TOTAL 3610'  
COMP. DATE 9-2-70 DEPTH

CONTRACTOR Signal Oilfield Service, Inc.

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>X</u>
<u>8 5/8"</u>	<u>248'</u>	<u>175SKS</u>	<u>NA</u>	DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	<u>Wildcat</u>
				INITIAL PRODUCTION	<u>Dry Hole</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
De Chelly	815	<u>X</u>	<u>X</u>	
Supai	1898'			
Hermosa	2624'			
Barker Creek	3340			
Molas	3504			
Miss	3579			
Total Depth	3611			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
<u>SNP-GR; IES; BHC;GR</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP. <u>X</u>
			SAMPLE NO. <u>1618</u>
			CORE ANALYSIS
			DSTs

REMARKS \_\_\_\_\_

APP. TO PLUG X

PLUGGING REP. X

COMP. REPORT X

WATER WELL ACCEPTED BY \_\_\_\_\_

BOND CO. Travelers Indemnity Company BOND NO. 1579945

BOND AMT. \$ 25,000 CANCELLED \_\_\_\_\_ DATE \_\_\_\_\_

FILING RECEIPT 2879 LOC. PLAT 7-31-70 WELL BOOK X PLAT BOOK X

API NO. 02-001-20135 DATE ISSUED 7-31-70 DEDICATION W/2 SW/4

PERMIT NUMBER 545



## 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 **NOO-C-14-20-2279** Well Number **1-6** Field & Reservoir **Wildcat**

Location **NW SW (1950' FSL, 460' FWL)** County **Apache**

Sec. TWP-Range or Block & Survey **Section 6-T36N-R30E**

Date spudded **8/20/70** Date total depth reached **9/1/70** Date completed, ready to produce **P & A 9/2/70** Elevation (DF, RKB, RT or Gr.) **6621 KB** feet Elevation of casing hd. range  feet

Total depth **3610** P.B.T.D.  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 total depth** Cable tools used (interval)

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) **Induction-Electrical Log, BHC Sonic Log-Gamma Ray; Sidewall Neutron Porosity Log** Date filed  Filed by **Schlumberger**

### 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#	248'	175	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 SEPTEMBER 2, 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.

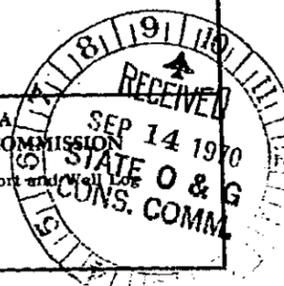
9/9/70  
Date

*[Signature]*  
Signature

Permit No. **545**

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

Form No. 4



**DETAIL OF FORMATIONS PENETRATED**

Formation	Top	Bottom	Description*
Core #1: 3333-68,		core barrel jammed.	Cut 35', recovered 31' limestone and dolomite.
DST #1: 3337-68,		opened w/strong blow,	5 min. preflow, 1 hr. initial shut in, tool
		open 1 hr. 45 min., final shut in 3 hrs. 20 min.	Recovered 90' gas cut mud.
		IHP 1559.6, IFP (first period) 71.4, FFP (first period) 110.4, ISIP 872, IFP	
		(second period 201.3, FFP (second period) 149.3, FSIP 865.5, FHP 1533.4, BHP	
		105°.	
DeChelly	815		
Supai	1898		
Hermosa	2623		
Black Shale			
Marker	3273		
Barker Creek			
Porosity	3340		
Molas	3504		
Mississippian	3565		
Log TD	3610		
Driller's TD	3611		

\* 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.

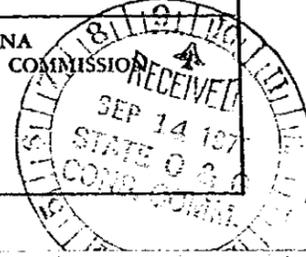
**INSTRUCTIONS:**

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>NOO-C-14-20-2279</b>		Well No. <b>1-6</b>	Field & Reservoir <b>Wildcat</b>		
Location of Well <b>NW SW (1950' FSL, 460' FWL)</b>		Sec-Twp-Rge or Block & Survey <b>Section 6-T36N-R30E</b>	County <b>Apache</b>		
Application to drill this well was filed in name of <b>Union Texas Petroleum, A Division of Allied Chemical Corporation</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>September 2, 1970</b>	Total depth <b>3610</b>	Amount well producing when plugged: Oil (bbls/day) <b>--</b> Gas (MCF/day) <b>--</b> Water (bbls/day) <b>--</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>					
<b>CASING RECORD</b>					
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>237</b>	<b>None</b>	<b>237</b>	<b>--</b>	<b>Guide shoe on bottom</b>
Was well filled with mud-laden fluid, according to regulations? <b>Yes - below 1000'</b>			Indicate deepest formation containing fresh water. <b>DeChelly topped at 815'</b>		
<b>NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE</b>					
Name	Address		Direction from this well:		
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 <u>District Production Manager</u> of the <u>Union Texas Petroleum</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date <u>9/9/70</u>		Signature <u><i>W.L. Hixon</i></u>			
Permit No. <u>545</u>		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy			
		Form No. 10			



APPLICATION TO ABANDON AND PLUG

FIELD Wildcat  
 OPERATOR Union Texas Petroleum, A Division of Suite 1010, 1860 Lincoln Street  
Allied Chemical Corporation ADDRESS Denver, Colorado 80203  
 Federal, State, or Indian Lease Number  
 or Lessor's Name if Fee Lease NOO-C-14-20-2279 WELL NO. 1-6  
 SURVEY NW SW SECTION 6 COUNTY Apache  
 LOCATION 1950' from south line, 460' from west line, Section 6-T36N-R30E

TYPE OF WELL Dry hole TOTAL DEPTH 3610  
 (Oil, Gas or Dry Hole)  
 ALLOWABLE (If Assigned)  
 LAST PRODUCTION TEST OIL \_\_\_\_\_ (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
 GAS \_\_\_\_\_ (MCF) DATE OF TEST \_\_\_\_\_  
 PRODUCING HORIZON None PRODUCING FROM \_\_\_\_\_ TO \_\_\_\_\_

1. COMPLETE CASING RECORD

237 ft. 8-5/8" 24# K-55 seamless ST&C casing set at 248' and cemented with  
175 sx Class "A" cement and 2% calcium chloride. Cement circulated and  
pipe was not pulled.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Spot regular cement plugs as follows:  
50 sx 3470-3320 10 sx top of surface casing  
35 sx 2650-2445  
35 sx 850-745 Total: 145 sx  
15 sx 275-230

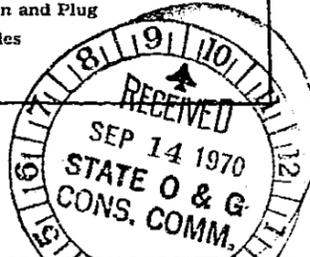
If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS September 2, 1970  
 NAME OF PERSON DOING WORK W. Adair, Jr. ADDRESS 875 Delaware  
 CORRESPONDENCE SHOULD BE SENT TO W. L. Hixon Denver, Colorado 80204  
 Name W. L. Hixon  
 Title District Production Manager  
 Address Suite 1010, 1860 Lincoln Street, Denver, Colorado 80203  
 Date 9/9/70

Date Approved 9-14-70 wad  
 STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 By: John Bannister

Permit No. 545

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



September 2, 1970

Memo to Union Texas #1-6 Navajo  
NW/4 SW/4 Sec. 6-T36N-R30E  
Apache County  
Our File #545

Memo from W. E. Allen  
Director, Enforcement Section

Curtis Little called this date requesting permission to plug this well. Permission was granted verbally.

The following pattern will be followed for plugging the well:

150' cement plug from 3320' to 3470'  
100' " " " 2650' to 2550'  
100' " " " 850' to 750'  
50' " " across the surface shoe  
10' " " top of surface with 4" marker  
Heavy mud between all cement.

Formation tops:	
DeChelly	815'
Supai	1898'
Hermosa	2624'
Barker Creek Reef	3340'
Molas	3504'
Mississippian	3579'
Total Depth	3611'

September 2, 1970

Dear Mr. Allen:

Samples of the Union of Texas, #1-6 Navajo  
Sec. 6-36N-30E  
Apache Co. Ariz. (# 545)  
were received today.

Also I have samples of the Union Tex, #1-14 Navajo  
Sec. 14-37N-29E  
Apache Co. Ariz (#544) which came in a few days  
ago. I am not sure I notified you of this one, so  
Please check your records on this one

Very truly yours,

*Jo Ratcliff*

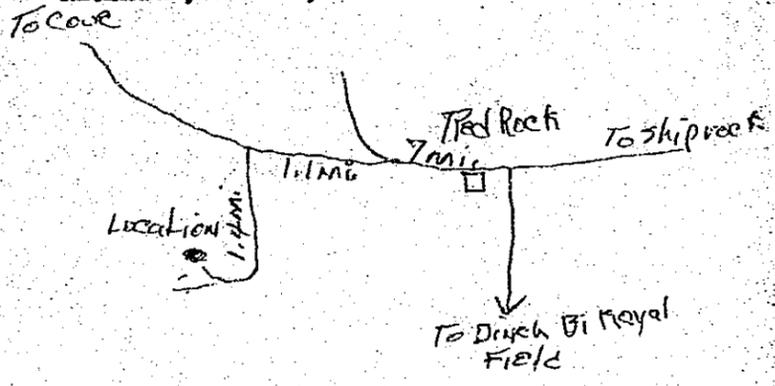
FOUR CORNERS SAMPLE CUT ASSOCIATION  
~~P.O. BOX 899~~  
FARMINGTON, NEW MEXICO

545

WELL SITE CHECK

Contractor Signal Oil Field Service Person(s) Contacted Tom Blair FI  
 Date 8-11-70  
 Spud date \_\_\_\_\_  
 Type Rig Tocco Rotary \_\_\_\_\_ Cable \_\_\_\_\_  
 Present Operations W.O.R.  
 Samples \_\_\_\_\_  
 Pipe \_\_\_\_\_  
 Water Zones \_\_\_\_\_  
 Lost Circ. Zones \_\_\_\_\_  
 Formation Tops \_\_\_\_\_  
 Cores, Logs, DST \_\_\_\_\_  
 Crews \_\_\_\_\_  
 Drilling with Air \_\_\_\_\_ Mud \_\_\_\_\_  
 Size Hole \_\_\_\_\_  
 Size Drill Pipe \_\_\_\_\_  
 Type Bit \_\_\_\_\_  
 No. Bit \_\_\_\_\_ Drilling Rate \_\_\_\_\_  
 Formation \_\_\_\_\_  
 Lithology \_\_\_\_\_

REMARKS, PHOTO, MAP



9.5 miles West of Red Rock Trading Post

Location made - waiting on completion of Lukdehuki #1-14 before moving in Rotary.



WELL NAME Navajo #1-6  
NW/4 SW 30 6-30N-30E UNION TERR

Permit No 545  
 Confidential: Yes No

### DESIGNATION OF OPERATOR

#### Indian Affairs

The undersigned is, on the records of the Bureau of ~~Land Management~~, holder of lease

DISTRICT LAND OFFICE: **Navajo Area Office, Window Host, Arizona**  
Contract SERIAL NO.: **800-C-14-20-2279**

and hereby designates

NAME: **Union Texas Petroleum Division, Allied Chemical Corporation**  
ADDRESS: **Suite 1010, Lincoln Tower, 1860 Lincoln Street  
Denver, Colorado 80202**

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):

**Traverse 16 North, Range 10 East, G.S.E.M.  
Section 6: SW/4  
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.

**GULF OIL CORPORATION**

ATTN:

*[Signature]*  
**Assistant Secretary**

*[Signature]*  
(Signature of lessee)  
**Attorney in Fact**

**June 19, 1970**

(Date)

**P.O. Box 1958, Bernal, New Mexico 88001**

(Address)



## 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

Signal Oilfield Service, Inc.

Drilling Contractor

1200 Security Life Bldg., Denver, Colorado 80202  
Address

### DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor NOO-C-14-20-2279	Well number Navajo #1-6	Elevation (ground) 6610
Nearest distance from proposed location to property or lease line:  460 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:  N/A (none on lease) feet	
Number of acres in lease:  1850	Number of wells on lease, including this well, completed in or drilling to this reservoir:  One	
If lease, purchased with one or more wells drilled, from whom purchased:  N/A		
Well location (give footage from section lines) 1950' FSL, 460' FWL	Section—township—range or block and survey Section 6-T36N-R30E	Dedication (Comply with Rule 105) 80 acres
Field and reservoir (if wildcat, so state) Wildcat	County Apache	
Distance, in miles, and direction from nearest town or post office 6 miles west, 3-1/2 miles south of Red Rock, Arizona		
Proposed depth: 3600 feet	Rotary or cable tools Rotary	Approx. date work will start August 24, 1970
Bond Status    Blanket bond filed Amount        \$25,000	Organization Report On file    X      Or attached	Filing Fee of \$25.00 Attached    X
Remarks: Operator proposes to drill +225' surface hole, set 8-5/8" casing with +150 sx cement; then drill 7-7/8" hole to TD where IES, SNP and BHC-Sonic-GR logs will be run. Cores and DST's will be taken as shows warrant. If commercial production is indicated, 4-1/2" casing will be run and cemented with 250 sx. Zones of interest will be perforated and stimulated as required.		

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.

*[Signature]*  
 Signature

July 29, 1970  
 Date

Permit Number: 545  
 Approval Date: 7-31-70  
 Approved By: *[Signature]*

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

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

Owner <b>Gulf Oil Corporation</b>	Land Description <b>Sections 5, 6 and 8, T36N-R30E</b>
	<p style="text-align: center;"><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name <u>W. L. Hixon</u></p> <p>Position <u>District Production Mgr.</u></p> <p>Company <u>Union Texas Petroleum</u></p> <p>Date <u>July 28, 1970</u></p> <p>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.</p> <p>Date Surveyed <u>Refer to attached plat</u></p> <p>Registered Professional Engineer and/or Land Surveyor <u>Refer to attached plat</u></p> <p>Certificate No. <u>Refer to attached plat</u></p>

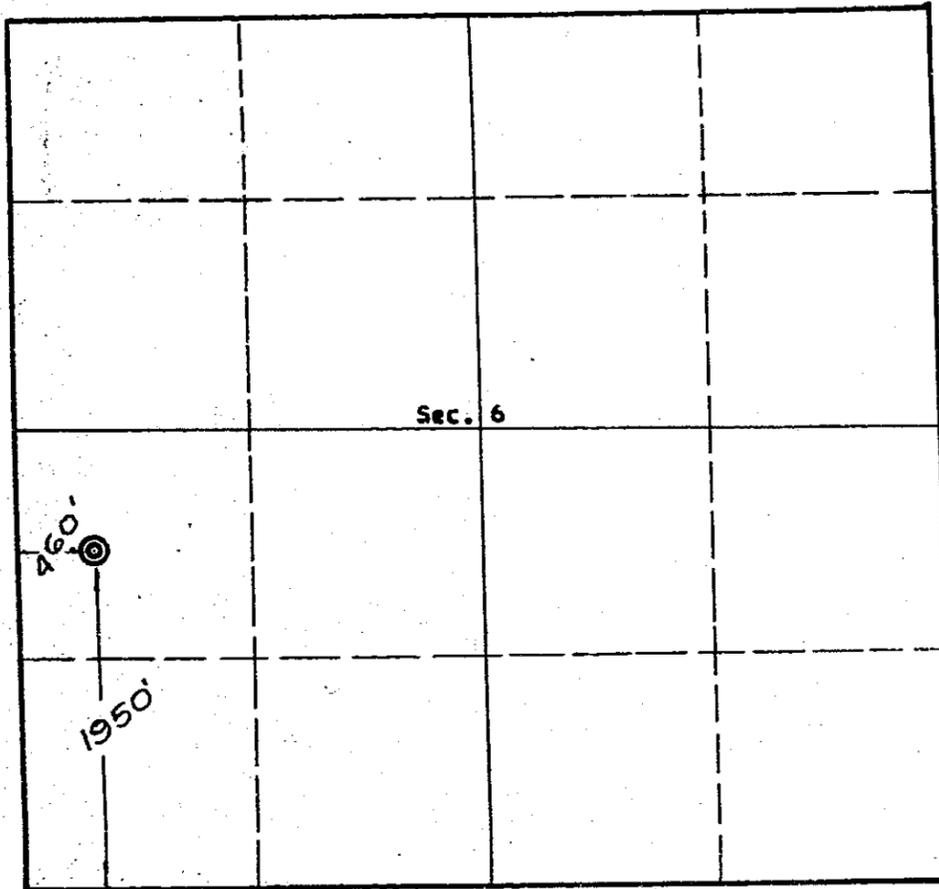
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	24#	J-55	0	225	0 - 225	+150
4-1/2"	10.5#	J-55	0	3600	2300 - 3600	+250



Company UNION TEXAS PETROLEUM  
Well Name & No. Navajo 1-6  
Location 1950 feet from the South line and 450 feet from the West line.  
Sec. 6, T. 36 N., R. 30 E., G. & S. R. M, Apache County, Arizona  
Ground Elevation 6610



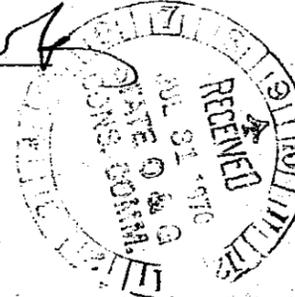
Surveyed July 21, 1970



I certify that the above plat was prepared from field notes of actual surveys 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 Reg. No. 2311

545





# 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 #1-6 NAVAJO (2279)  
(WELL NAME)

located 1950' FSL - 460' FWL

Section 6 Township 36N Range 30E, APACHE County, Arizona.

The W/2 SW/4 of said  
Section, Township and Range is dedicated to this well.

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

Issued this 31st day of JULY, 19 70.

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 (S.A.C. 105), WITH RESPECT  
TO THE PRODUCT TO BE PRODUCED.

By John Beemer by WBO  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 545

RECEIPT NO. 2879  
API NO. 02-001-20135

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED

XXXXXXXXXXXX 8080 N. Central  
XXXX Suite 100, 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. 2534, 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,

Suzanne Lorenzo  
Secretary to W. E. Allen, Director

si

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 of Robert H. ... ATTORNEY-IN-FACT
ALLIED CHEMICAL CORPORATION
Principal

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

Signature of Robert J. ... Attorney-in-Fact
THE TRAVELERS INDEMNITY COMPANY
Surety
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: John Bannister

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

Permit No. 220

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
1524 WEST WASHINGTON STREET, SUITE 202
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. Drago, 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, the Senior Vice President, any Vice President, any Second Vice President, any Secretary of any Department Secretary may appoint attorney-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 all 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 the Secretary of 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 counter-signed and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent, and any such bond, undertaking, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when signed 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:

VOYED: 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*

Assistant Secretary

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

545



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

545

RECEIVED

DEC 11 1974

O & G CONS. COMM.



Corporation

## UNION TEXAS PETROLEUM DIVISION

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

September 10, 1970

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

Subject: Navajo #1-6  
NW SW Section 6-T36N-R30E  
Strange Wash Area  
Apache County, Arizona  
N00-C-14-20-2279

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-R. G. Berry Co., 225 Mayo Bldg., Tulsa, Oklahoma 74103  
1-Gulf Oil Company-U.S., P. O. Drawer 1938, Roswell, New Mexico 88201  
1-Pan American Petroleum Corp., Security Life Bldg., Denver, Colorado 80202,  
Attention: Mr. George D. Ecker  
1-St. Mary Parish Land Co., 1010 Denver Center Bldg., 1776 Lincoln St.,  
Denver, Colorado 80203  
1-Alf R. Thompson, et al, P. O. Box 69, Mattoon, Illinois 61938  
2-Union Oil Company of California, West Bldg., P. O. Box 3372, Durango,  
Colorado 81302  
1-Mr. Bill Holmes, Houston Office  
Encl.  
rw



545

July 31, 1970

Mr. W. L. Hixon  
Union Texas Petroleum  
Suite 1010  
1860 Lincoln Street  
Denver, Colorado 80203

Re: Union Texas Petroleum #1-6 Navajo (2279)  
NW/4 SW/4 Sec. 6-T36N-R30E  
Apache County  
Our File #545

Dear Mr. Hixon:

Please find enclosed your approved Application for Permit to Drill, receipt No. 2879 covering the \$25 filing fee, and our Permit To Drill #545.

You have been furnished instruction sheets concerning samples and reports required by this office in ~~our~~ <sup>PRE</sup> previous correspondence. If there is any other way we may be of service, please advise.

Very truly yours,

W. E. Allen  
Director of Enforcement Section

jd  
Enc.



Corporation

**UNION TEXAS PETROLEUM DIVISION**

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

July 29, 1970

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

Subject: Navajo #1-6  
NW SW Section 6-T36N-R30E  
Strange Wash Area  
Apache County, Arizona  
NOO-C-14-20-2279

Gentlemen:

Attached for your review and approval are two (2) copies of Application for Permit to Drill or Re-Enter (Form No. 3) covering the referenced well, with survey location plat attached.

Enclosed are two (2) copies of a Designation of Operator form from Gulf Oil Corporation and our check No. 7795 in the amount of \$25.00 to cover permit for this well. As you know, we have previously filed a blanket bond and Organization Report.

Yours very truly,

W. L. HIXON

District Production Manager

Copy of letter only sent to:

R. G. Berry Co., 227 Mayo Building, Tulsa, Oklahoma 74103

Gulf Oil Corp., P. O. Box 1938, Roswell, New Mexico 88201, Attention: Dist.

Expl. Geologist

St. Mary Parish Land Co., 1010 Denver Center Bldg., 1776 Lincoln St., Denver, Colorado 80203

Alf R. Thompson, et al, P. O. Box 69, Mattoon, Illinois 61938

Mr. John Seale, Houston Office

Encl.

WLH:rw

