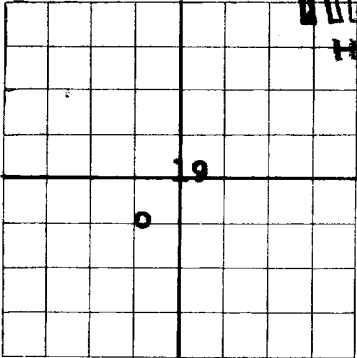


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

**The Texas Company** Box 1720 Fort Worth, Texas

Company or Operator

Address

St. N.M. "H" (Lieu) Well No. 21 in NE 1/4 SW 1/4 of Sec. 19 T. 20-S

R. 37-E N. M. P. M. Eunice Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of SW 1/4 Said Sec. 19

If State land the oil and gas lease is No. B-160 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is **The Texas Company** Address **Box 2332 Houston, Tex.**

Drilling commenced **March 15th** 19 **40** Drilling was completed **April 20th** 19 **40**

Name of drilling contractor **Helmerich & Payne Inc.** Address **415 Philtower Bldg. Tulsa, Okla.**

Elevation above sea level at top of casing **3536** feet at derrick floor

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **3785'** to **3860'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	TURNS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13"OD	40#	8-V thd	LW	101'	Guloco	Reg. Pat.			
8-5/8"	28#	" "	"	1085'	Baker	Guide			
5-1/2"	17#	8Rd."	Smls.	3655'	"	"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	15"	115'	140	Halliburton		
	8-5/8"	1085'	200	"		
	5-1/2"	3668'	150	"		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Chemical Process Acid	500Gal.	4-13-40	3785-3860	
		" "	2000 "	4-14-40	3785-3860	
		" "	4000 "	4-16-40	3725-3860	

Results of shooting or chemical treatment **Before Acid. produced 2-1/4 Bbls. swabbing**  
**After 500 gallon treatment- slight increase in gas and no increase in oil production; After 2000 gallons, 57 bbls. oil in 11 hrs. swabbing; after 4000 gals. 90 bbls. oil 15 hrs. flowing.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **3860'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **April 20th** 19 **40**  
 The production of the first **15** hours was **90** barrels of fluid of which **100** % was oil; **--** % emulsion; **--** % water; and **--** % sediment. Gravity, Be **35**  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_ **The well produced 90 bbls. oil in 15 hrs. flowing thru 3/4" choke with gas-oil ratio at 1915 after acid treatments.**

EMPLOYEES

**J.D. Ware** Driller **E.W. Adams** Driller  
**W.L. Allen** Driller \_\_\_\_\_ Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **10**

**Midland, Texas** **May 10th 1940**

day of **May** 19 **40**

Name \_\_\_\_\_

**A. A. Thomas**  
Notary Public

Position **District Sup't.**

Representing **The Texas Company**

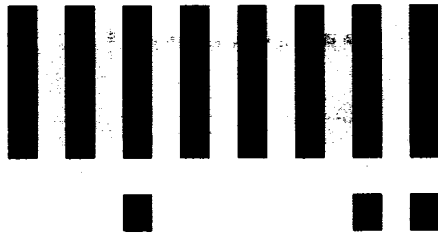
**FORMATION RECORD**

FROM	TO	THICKNESS IN FEET	Sand FORMATION
0	75	75	Surface and caliche
75	835	760	Red rock and red beds
835	994	159	Red rock and shale
994	1030	36	Red Rock
1030	1135	105	Anhydrite
1135	2103	968	Salt and Anhydrite
2103	2230	127	Salt
2230	2405	175	Salt and Anhydrite
2405	2635	230	Anhydrite, Gyp & Sand
2635	2890	255	Anhydrite
2890	3155	265	Anhydrite and Lime
3155	3210	55	Lime
3210	3290	80	Broken Lime
3290	3705	415	Hard Lime
3705	3740	35	Lime and Sandy Lime
3740	3785	45	Lime
3785	3860	75	Saturated Lime with Sandy streaks
	3860	- -	Total Depth

Note: This well cored from 3810' to 3860'

Deviation Tests;

610'	- 0°	1880'	- 0°	3385'	- 1/2°
1025'	- 0°	2350'	- 2°	3670'	- 0°
1450'	- 1°	2865'	- 1°		



**LTR**



**Job separation sheet**

Form 106  
**TRIPPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
APR 28 1940  
**HOBBBS OFFICE**

**REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE**

THIS REQUEST SHOULD BE SUBMITTED IN TRIPPLICATE. See instructions in the Rules and Regulations of the Commission.

Fort Worth, Texas April 26, 1940  
Place Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Permission is requested to connect The Texas Company State of N. M. "H" Lieu Land  
Company or Operator Lease

Wells No. 21 in NE 1/4 SW 1/4 of Sec. 19, T. 20 S, R. 37 E, N. M. P. M.,

Eunice Field, Lea County, with the pipe line of the

Texas-New Mexico Pipe Line Company Houston, Texas  
Pipe Line Co. Address

Status of land (State, Government or privately owned) State

Location of tank battery Approximately 1000' Southwest of this well

Description of tanks Three high 500 barrel bolted steel tanks

Logs of the above wells were filed with the Oil Conservation Commission see note 19

All other requirements of the Commission have (~~been~~) been complied with. (Cross out incorrect words.)

Additional information:

**Note: Log will be filed upon receipt of final records.**

Yours truly,

Permission is hereby granted to make pipe line connections requested above.

OIL CONSERVATION COMMISSION,

By Ray Garbrough  
Title A. ANDREAS  
State Geologist  
Date \_\_\_\_\_ Member Oil Conservation Commission

THE TEXAS COMPANY  
Owner or Operator  
By [Signature]  
Position Assistant Division Manager  
Address Box 1720, Fort Worth, Texas