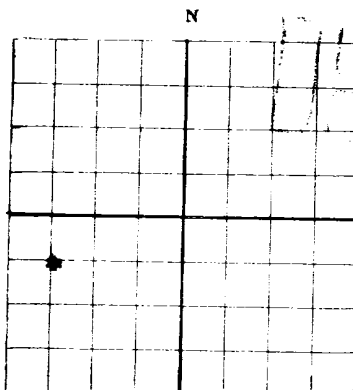


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HOBBS OFFICE



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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
St. N. H. "H" (Lien Land) Well No. **23** in **NW 1-34** of Sec. **20**, T. **20-S**
R. **37-E** N. M. P. M. **Unice** Field, **Lea** County.
Well is **1980** feet **North** of the **North** line and **660** feet **East** of the **East** line of **Sec. 20**
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, Texas**
Drilling commenced **8-18** 19**40** Drilling was completed **9-21** 19**40**
Name of drilling contractor **Helmerich & Payne, Inc.** Address **Tulsa, Oklahoma**
Elevation above sea level **at top of casing** **3532** feet **at derrick floor**.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **3768** to **3850** 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13"	40#	8-V	LW	116'	Regular	pattern			
7-5/8"	26.40#	8-rnd	LW	1131'	Baker	Guide			
5-1/2"	14#	8-rnd	Elec Weld	3661'	Baker	Guide			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	13"	127'	125	Halliburton		
	7-5/8"	1129'	200	"		
	5-1/2"	3657'	175	"		

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
		Acid	3000gal	9-13-40	3768-3850	3850
		Acid	6000gal	9-15-40	3768-3850	3850

Results of shooting or chemical treatment **Well produced 1 bbl. oil per hour swabbing before acidizing. After first treatment, it produced 3 bbls. per hour swabbing & flowing & after reacidizing it produced 50 bbls. oil in 5 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 **C** feet to **3850** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **9-21** 19**40**
The production of the first **2** hours was **50** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, **XX API - 33**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **GAS-OIL RATIO - 1200**

EMPLOYEES

Fred Horne Driller **T. W. Russell** Driller
E. W. Adams Driller **M. E. Self** 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**
day of **October** 19**40**
Notary Public
My Commission expires **6-1-41**

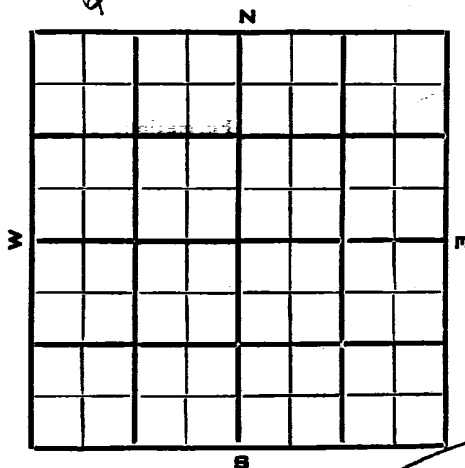
Midland, Texas - 10-10-40
Place Date
Name **District Superintendent**
Position **The Texas Company**
Representing **Box 1270, Midland, Texas**
Address

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Surface sand
70	530	460	Red beds
530	790	260	Red Beds and shells
790	1092	302	Red Rock
1092	1220	128	Anhydrite
1220	1485	265	Salt and anhydrite
1485	2109	624	Salt
2109	2420	311	Salt and anhydrite
2420	2755	335	Anhydrite
2755	3037	282	Anhydrite and lime
3037	3070	33	Lime
3070	3100	30	Lime and anhydrite
3100	3710	610	Grey Lime
3710	3720	10	Sandy Lime
3720	3740	20	Hard lime
3740	3752	12	Sandy lime
3752	3768	16	Broken lime
3768	3810	42	Porous saturated lime
3810	3850	40	Broken Lime
		3850	Total Depth
Deviation Tests:-			
		600' - 1/2°	2400' - 0°
		1095' - 0°	2770' - 1/2°
		1350 - 1/2°	3100 - 1/2°
		1800 - 3/4°	3650 - 1-1/2°
PDG, Jr-CVM NMOCC (3) ✓			

EUNICE

SCOUT REPORT NEW MEXICO OIL CONSERVATION COMMISSION



Company **Texas Company**
 Farm Name **State H. Lieu Lands** Well No. **23**
 Land Classification **State**
 Sec. **20** Twp. **20** Range **37** County **Lea**
 Feet from Line: N. **1980** S. E. **1980** W.
 Elevation Method
 Contractor Scout
 Spudded **8-18-40** Completed **9-20-40** Initial Production
 Bond Status

**Amount
Casing and Cementing Record**

Size	Feet	Inches	Sax Cement
13/8	127		125
7/8	1129		200
5/8	3657		175

Tubing Record

2"	3124
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ACID RECORD

Gals.
3000
3000
3000

Top Pay

TD

TA

TS

BS

TRS

TBL

TWL

SHOOTING RECORD

No. of Quarts	Shot at	Feet
S/O	S/O	S/O
S/O	S/O	S/O

DATE		DATE	
8-21-40	RUR		
8-28	2152 H		
9-4	3570 L		
9-10	T.D. 3670 L		
	phi plug		
9-18	T.D. 3850 L		
	T.D. 3850 L		
	ADR to E.C.		
	3-9801 H-1		
	75 M Gas Est.		
	ADR 4900 8 hrs		
	open 2"		
	GOR 1200 H		
9-25	T.D. 3850 L		
	I.P. 50 BD 5 hrs		
	open 2"		
	GOR 1200 H		
	1800 H 16 hrs		

LOG

[illegible]