



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WORDS OFFICE OCC

1955 SEP 8 PM 1:56
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

The Texas Company (Company or Operator) **Y. M. Henderson** (Lease)
Well No. **4**, in **NE** $\frac{1}{4}$ of **NW** $\frac{1}{4}$, of Sec. **30**, T. **21-S**, R. **37-E**, NMPM.
Arrow Gas Pool, **Lea** County.
Well is **660** feet from **North** line and **1980** feet from **West** line of Section **30**. If State Land the Oil and Gas Lease No. is **-----**
Drilling Commenced **8-6**, 19**55**. Drilling was Completed **8-22**, 19**55**
Name of Drilling Contractor **Makin Drilling Company**
Address **Box 1628 Hobbs, New Mexico**
Elevation above sea level at Top of Tubing Head **3503' (RF)**. The information given is to be kept confidential until **-----**, 19**-----**

OIL SANDS OR ZONES

No. 1, from **3480** to **3675 (gas)** No. 4, from **-----** to **-----**
No. 2, from **-----** to **-----** No. 5, from **-----** to **-----**
No. 3, from **-----** to **-----** No. 6, from **-----** to **-----**

IMPORTANT WATER SANDS

Drilled with rotary. No water sands tested.
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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	24.4	NEW	1225	Larkin			
5 1/2"	14.4	NEW	3473	Hallib.			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8"	1238'	900	Hallib.		
7 7/8"	5 1/2"	3480'	400	Hallib.		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Well was drilled to a total depth of 3675' after 5 1/2" casing was set at 3480'. Acidised open hole from 3480'-3675' with 500 gals. of acid on 8-21-55. Reversed out acid and fractured open hole from 3480'-3675' with 10,000 gal. gel lease oil with 1 lb of sand per gallon. Completed 2 PM 8-21-55.
Result of Production Stimulation **Flowed 767,666 cu ft of gas in 8 hrs on 12/64" choke.**
Denth Cleaned Out **-----**

RECORD OF DRILL-STEM AND SPECIAL

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 3675 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Awaiting connection by Permian Basin Pipe Line Company.

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity.

GAS WELL: The production during the first 24 hours was 2,303 M.C.F. plus 20 barrels of
liquid Hydrocarbon. Shut in Pressure 1100 lbs.

Length of Time Shut in.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy.	1200'			T. Devonian.			T. Ojo Alamo.
T. Salt.	1325'			T. Silurian.			T. Kirtland-Fruitland.
B. Salt.	2450'			T. Montoya.			T. Farmington.
T. Yates.				T. Simpson.			T. Pictured Cliffs.
T. 7 Rivers.				T. McKee.			T. Menefee.
T. Queen.				T. Ellenburger.			T. Point Lookout.
T. Grayburg.				T. Gr. Wash.			T. Mancos.
T. San Andres.				T. Granite.			T. Dakota.
T. Glorieta.				T.			T. Morrison.
T. Drinkard.				T.			T. Penn.
T. Tubbs.				T.			T.
T. Abo.				T.			T.
T. Penn.				T.			T.
T. Miss.				T.			T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	845	845	Red Beds				Deviation Record
845	901	56	Anhydrite	436'	450'	14'	3375'-10
901	1180	279	Red Rock	739'	895'	156'	
1180	1275	95	Anhydrite	895'	1150'	255'	
1275	1578	303	Salt	1150'	1510'	360'	
1578	2230	652	Anshy. & Salt	1510'	1650'	140'	
2230	2515	285	Anshy & Gyp	1650'	1800'	150'	
2515	2623	108	Anshy & Salt	1800'	1836'	36'	
2623	2718	95	Anshy & Lime	1836'	1932'	96'	
2718	2923	205	Anshy.	1932'	2142'	210'	
2923	2993	70	Anshy & Lime	2142'	2290'	148'	
2993	3083	90	Anshy & Gyp	2290'	2380'	90'	
3083	3128	45	Lime	2380'	2438'	58'	
3128	3311	183	Anshy. & Lime	2438'	2490'	52'	
3311	3675	364	Lime	2490'	2515'	25'	
	3675		Total depth	2515'	2615'	100'	
				2615'	2718'	103'	
				2718'	2805'	87'	
				2805'	2940'	135'	
				2940'	3120'	180'	
				3120'	3280'	160'	

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

September 7, 1955

(Date)

Company or Operator

The Texas Company

Address P.O. Box 1270, Midland, Texas

Name

W. C. Lawrence

Position or Title Asst. Dist. Superintendent