

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## 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

1959 APR 9 AM 6:40

**The Texas Company** STATE N.M. "BZ" NCT-8  
(Company or Operator) (Lease)

Well No. 5, in NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 16, T. 23-S, R. 37-E, NMPM.  
Langlie-Mattix Pool, Lee County.

Well is 660 feet from North line and 1980 feet from West line  
of Section 16. If State Land the Oil and Gas Lease No. is 111485.

Drilling Commenced February 25, 1959 Drilling was Completed March 23, 1959.

Name of Drilling Contractor Jackie Drilling Company, Inc.  
Address P. O. Box 2076 - Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3310'. The information given is to be kept confidential until  
July, 1959.

## OIL SANDS OR ZONES

No. 1, from 3530' to 3534' No. 4, from 3648' to 3658'  
No. 2, from 3566' to 3576' No. 5, from 3674' to 3682'  
No. 3, from 3620' to 3636' No. 6, from \_\_\_\_\_ to \_\_\_\_\_

Drilled with Rotary Tools and no water sands tested.

## 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	24.00	New	1082'	HOMO	None	None	Surface
7"	26.00	New	2445'	HOMO	None	None	Production
4 1/2"	11.60	New	3712'	HOMO	None	See Above	Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1095'	600	HOMO		
7 7/8"	7"	2460'	400	HOMO		
6 1/8"	4 1/2"	3722'	500	HOMO		

## RECORD OF PRODUCTION AND STIMULATION

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

Perforate  $4\frac{1}{2}$ " o.d. casing with 4 jet shots per ft. from 3530' to 3534', 3566' to 3576', 3620' to 3636', 3648' to 3658', and 3674' to 3682'. Acidize with 500 gals 15% regular acid down 2" tubing. Sand frac down  $4\frac{1}{2}$ " o.d. casing with 15,000 gals. refined oil and  $1\frac{1}{2}$  lbs. of sand per gallon.

Result of Production Stimulation On 24 hr. PT well flowed 113 BO & no water thru 16/64" choke, Complete 8:00 A.M. 4-5-59. Gravity 37.0, GOR-1168, Top of Pay 3530', Btm of Pay 3682', NMOCC Date 3-23-59, TICO Date 4-5-59. Depth Cleaned Out 3722'.

## 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 3722 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing.....**April 4**....., 19**59**

OIL WELL: The production during the first 24 hours was.....113.....barrels of liquid of which.....100.....% was oil; .....-.....% was emulsion; .....-.....% water; and.....-.....% was sediment. A.P.I. Gravity.....37.0.....

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

Length of Time Shut in.....**None**.....

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

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy.....	1070	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1150	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2270	T. Montoya.....	T. Farmington.....
T. Yates.....	2631	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3420	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	210	210	Caliche				
210	955	745	Redbed				
955	1095	140	Anhy & Redbed				
1095	2410	1315	Anhy & Salt				
2410	3210	800	Anhy & Gyp				
3210	3722	512	Lime				
TD	3722						
FETD	3708						

All measurements from Rotary Table or 8' above ground level.  
For Deviation Record please see the attached Sub-surface Combination Survey dated March 24, 1959, by Eastman Oil Well Survey Company.

Core #1 - from 3462' to 3512' - 100% recovery  
Core #2 - from 3512' to 3562' - 100% recovery  
Core #3 - from 3562' to 3610' - 100% recovery  
Core #4 - from 3610' to 3647' - 100% recovery  
Core #5 - from 3647' to 3697' - 100% recovery  
Core #6 - from 3697' to 3722' - 100% recovery

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.

Company or Operator **THE TEXAS COMPANY**

Name *[Signature]*

Address **P. O. Box 352 - Midland, Texas**

Position or Title **Asst. Dist. Superintendent**

April 6, 1950 (Date)