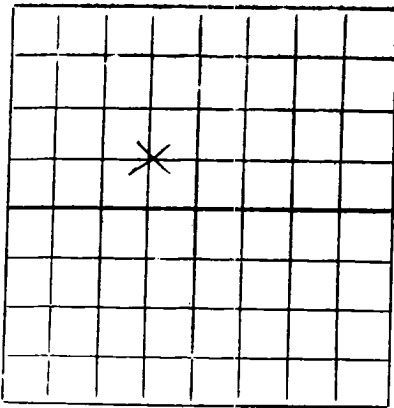


NEW MEXICO OIL CONSERVATION COMMISSION

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 QUINTUPPLICATE. If State Land submit 6 Copies



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Texas Pacific Coal and Oil Company

(Company or Operator)

State ~~TX~~ NM

(Lease)

Well No. 97, in SE  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 22, T. 3-S, R. 36-E, NMPM.

Langille-Mattix

Pool, Lee

Well is 1900 feet from North line and 1900 feet from West line of Section 22. If State Land the Oil and Gas Lease No. is 35-2A

Drilling Commenced October 22, 1960 Drilling was Completed October 27, 1960

Name of Drilling Contractor P.W.A. Drilling Company

Address Michita Falls, Texas

Elevation above sea level at Top of Tubing Head 3384. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 3568 to 3594 (Langille-Mattix - Oil)  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3086 to 3228 (Jalnet Gas)  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 5, 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>9-5/8"</u>	<u>32</u>	<u>NEW</u>	<u>3-3</u>	<u>Float</u>			<u>Surface</u>
<u>7"</u>	<u>20</u>	<u>NEW</u>	<u>3605</u>	<u>Float</u>		<u>**</u>	<u>Production String</u>
<u>2"</u>	<u>4.7</u>	<u>NEW</u>	<u>3314</u>	<u>8</u>			
<u>2"</u>	<u>4.7</u>	<u>NEW</u>	<u>3099</u>				

Perf. 3568-3594 w/64 shots. 3086-3228 w/34 shots.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>13-5/16</u>	<u>9-5/8</u>	<u>333</u>	<u>300-45 Gal</u>	<u>Pump &amp; Plug</u>		
<u>8-5/16</u>	<u>7</u>	<u>3605</u>	<u>250-45 Gal</u>	<u>Pump &amp; Plug</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Vibro-Frac 3583-92" w/3 No. 3 charges. Sand oil treat 3568-3594 w/10,000 gals. lease crude and 10,000 lbs. sand.

Sand oil treat 3086-3228 w/20,000 gals. lease crude and 10,000 lbs. sand.

Result of Production Stimulation Flowed 37.5 bbls. oil, 2.5 bbls. water through a 1/2" choke in 24 hrs.  
Tested on November 7, 1960.

Jalnet gas zone tested 2,600 MCF on 11/20/60.

Depth Cleaned Out 3615 TD  
3615 PTD

COORD 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 Surface feet to 1045 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing November 7, \_\_\_\_\_, 1960

OIL WELL: The production during the first 24 hours was 40 barrels of liquid of which 93.7 % was oil; 0 % was emulsion; 6.3 % water; and 0 % was sediment. A.P.I. Gravity 35.0

GAS WELL: The production during the first 24 hours was 2,600 M.C.F. plus 3 barrels of liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ 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. <u>1401</u>	T. Devonian _____	T. Ojo Alamo _____
T. Salt. <u>1457</u>	T. Silurian _____	T. Kirtland-Fruitland _____
B. Salt. <u>1485</u>	T. Montoya _____	T. Farmington _____
T. Yates. <u>1086</u>	T. Simpson _____	T. Pictured Cliffs _____
T. 7 Rivers. <u>3493</u>	T. McKee _____	T. Menefee _____
T. Queen. <u>3568</u>	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	337	337	Red sand				
337	940	603	Red sand & Shells				
940	1301	361	Anhyd. & Shells				
1301	3000	1699	Anhyd. & Salt				
3000	3180	180	Anhyd. Gyp. & Lime				
3180	3298	118	Anhyd. & Lime				
3298	3544	246	Lime				
3544	3645	101	Lime & sand				

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.

December 7, 1960

Company or Operator Texas Pacific Coal & Oil Co., Inc. Address P. O. Box 1688, Hobbs, New Mexico  
Name [Signature] Position Petroleum Engineer