



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 QUINTUPLICATE. If State Land submit 6 Copies

**Texas Pacific Coal and Oil Company**  
(Company or Operator)

**State 92-1-1**  
(Lease)

Well No. **87**, in **SW** 1/4 of **NE** 1/4, of Sec. **4**, T. **23-N**, R. **36-E**, NMPM.

**Langlo-Mattix**

Pool,

**Lee**

County.

Well is **1980** feet from **North** line and **1980** feet from **East** line

of Section **4**. If State Land the Oil and Gas Lease No. is **92-1-1**

Drilling Commenced **June 13,** 19 **60** Drilling was Completed **June 21,** 19 **60**

Name of Drilling Contractor **F.M.A. Drilling Company**

Address **Minchka Falls, Texas**

Elevation above sea level at Top of Tubing Head **3676'** The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **3666** to **3675** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

ILLEGIBLE

LANDS

Include data on rate of

No. 1, from \_\_\_\_\_ 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
<b>9-5/8"</b>	<b>32.30</b>	<b>New</b>	<b>306</b>	<b>Flock</b>			<b>Surface</b>
<b>7"</b>	<b>20</b>	<b>New</b>	<b>3707</b>	<b>Flock</b>		<b>3769-68' w/20</b> <b>3666-75' w/26</b>	<b>Production</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>13-3/4"</b>	<b>9-5/8"</b>	<b>366</b>	<b>300-45 Gal</b>	<b>Pump &amp; Plug</b>		
<b>8-3/4"</b>	<b>7"</b>	<b>3777</b>	<b>250-45 Gal</b>	<b>Pump &amp; Plug</b>		

RECORD OF PRODUCTION AND STIMULATION

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

Perforate at **3769'-68' w/20 shots. Fibre-fines above perf. w/3 lb. 3 charges. SOT w/10,000 gal. refined oil and 10,000 lbs. sand. Squirt gun w/250 sand. cement. Perforate 7" csg. at 3666-55 w/4 shots per ft. and 3666-75 w/20 shots per ft. Then fibre-fines lower zone w/3 lb. 3 charges before fracturing w/10,000 gals. refined oil and 10,000 lbs. sand.**

Result of Production Stimulation **Flowed 200 bls. oil, 70 bls. water through a 1 1/4" choke in 18 hours. Tested on 7/4/60.**

Depth Cleaned Out **3777 TD (12M)**  
**3756 Feet**

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 Surface feet to 3777 REM feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing July 4, 19 60  
OIL WELL: The production during the first 16 hours was 230 barrels of liquid of which 30 % was  
was oil; 0 % was emulsion; 20 % water; and 0 % was sediment. A.P.I.  
Gravity 35°  
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 \_\_\_\_\_

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <u>1398</u>	T. Devonian _____	T. Ojo Alamo _____	
T. Salt <u>1443</u>	T. Silurian _____	T. Kirtland-Fruitland _____	
B. Salt <u>3083</u>	T. Montoya _____	T. Farmington _____	
T. Yates <u>3143</u>	T. Simpson _____	T. Pictured Cliffs _____	
T. 7 Rivers <u>3148</u>	T. McKee _____	T. Menefee _____	
T. Queen <u>3756</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	320	320	Sand & Red Bed				
320	1232	912	Red Bed & Shells				
1232	2959	1727	Anhyd. & Salt				
2959	3102	143	Anhyd. & Lime				
3102	3209	107	Anhyd. & Sand				
3209	3327	118	Anhyd. & Lime				
3327	3600	273	Lime				
3600	3777	97	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.

July 18, 1960 (Date)

Company or Operator Texas Pacific Coal & Oil Company Address P. O. Box 1400, Hobbs, New Mexico  
Name [Signature] Position Petroleum Engineer