



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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Texas Pacific Coal and Oil Company State "A" A/c-1
(Company or Operator) (Lease)

Well No. 51, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 24, T. 23-S, R. 36-E, NMPM.

Langlie-Mattix Pool, Lea County.

Well is 660 feet from South line and 1980 feet from West line of Section 24. If State Land the Oil and Gas Lease No. is A-983.

Drilling Commenced April 7, 1959 Drilling was Completed April 14, 1959.

Name of Drilling Contractor F.W.A. Drilling Company, Inc.

Address 1st National Bank, Wichita Falls, Texas

Elevation above sea level at Top of Tubing Head 3347 G.L. 3358 D.F. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from <u>3508</u> to <u>3515</u>	No. 4, from <u>3558</u> to <u>3562</u>
No. 2, from <u>3519</u> to <u>3523</u>	No. 5, from <u>3566</u> to <u>3571</u>
No. 3, from <u>3525</u> to <u>3529</u>	No. 6, from <u>3574</u> to <u>3578</u>
<u>3531</u> <u>3534</u>	<u>3582</u> <u>3586</u>

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>8 5/8"</u>	<u>24</u>	<u>New</u>	<u>325</u>	<u>Float</u>	<u>---</u>	<u>---</u>	<u>Surface</u>
<u>5 1/2"</u>	<u>14</u>	<u>New</u>	<u>3665</u>	<u>Float</u>	<u>---</u>	<u>* 3508 - 3586</u>	<u>Production</u>

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>12 1/4</u>	<u>8 5/8</u>	<u>334</u>	<u>300</u>	<u>Pump & Plug</u>		
<u>7 7/8</u>	<u>5 1/2</u>	<u>3674</u>	<u>250</u>	<u>Pump & Plug</u>		

RECORD OF PRODUCTION AND STIMULATION

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

* Perforations 3508 - 15, 3519 - 23, 3525 - 29, 3531 - 34, 3558 - 62, 3566 - 71, 3574 - 78, and 3582 - 86 with 4 shots per foot. SOT perfs with 25,000 gals refined oil and 50,000# 20/40 sand in 2 stages.

Result of Production Stimulation Tested 94 BO and 6 BW in 24 hrs. at 20/64 choke. 650 psi F.P.

Depth Cleaned Out 3664 PETD

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 3675 T.D. feet, and from _____ feet to _____ feet.

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

Put to Producing.....**April 25,**.....19**59**

OIL WELL: The production during the first 24 hours was.....100.....barrels of liquid of which.....94.....% was
was oil;% was emulsion;6.....% water; and.....% 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):

Northwestern New Mexico

T. Anhy.....	1180	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1430	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2735	T. Montoya.....	T. Farmington.....
T. Yates.....	2940	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	3330	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.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	340	340	Rock & Red Bed				
340	686	346	Red Bed				
686	1180	494	Red Bed & Sand				
1180	1430	250	Anhydrite				
1430	2735	1305	Salt				
2735	3494	759	Lime & Gyp.				
3494	3675	181	Lime				

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.

August 13, 1959

.....
(Date)

Company or Operator.....**Texas Pacific Coal & Oil Co.**

Address.....Box 1688, Hobbs, New Mexico

Name

Position or Title.....**Petroleum Engineer**