

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
(Company or Operator)

(Lease)

Well No. 1, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 16, T. 17-S, R. 35-E, NMPM.

Test Factors Also

Pool



County.

Well is 660 feet from West line and 1980 feet from North line.

of Section 36 If State Land the Oil and Gas Lease No. is L-7652

Drilling Commenced.....**February 26,**.....19**61**..... Drilling was Completed.....**April 20,**.....19**61**

Name of Drilling Contractor.....David O'Brien Drilling Company.....

Address.....**Fort Worth, Texas**.....

Elevation above sea level at Top of Tubing Head..... 394..... The information given is to be kept confidential until
....., 19.....

Performance

OIL SANDS OR ZONES

No. 1, from 8871 to 8886 No. 4, from _____ to _____

No. 2, from 8700 to 8716 No. 5, from _____ to _____

No. 3, 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
13-3/8	48	New	322	Float			Surface
8-5/8	32	New	4521	Float			Intermediate
5-1/2	17	New	9000	Float		8871-8916	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
17-1/4	13-3/8	333	150	Pump & Plug		
12-1/4	8-5/8	432	2000	Pump & Plug		
7-7/8	5-1/2	9040	300	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

11,500 gallons sold.

Result of Production Stimulation.....**38.5 bbl. oil, 451 bbls. water.**

..Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL 1 18

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 9040 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 10, 1961.
OIL WELL: The production during the first 24 hours was 290 barrels of liquid of which 13% was oil; 87% was emulsion; 87% water; and % was sediment. A.P.I. Gravity.
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.	1800	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates	1201	T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen	4245	T. Ellenburger	T. Point Lookout
T. Grayburg	4542	T. Gr. Wash	T. Mancos
T. San Andres	4865	T. Granite	T. Dakota
T. Glorieta	6630	T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. Tubbs		T.	T.
T. Abo	8872	T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	300	300	Red Bed & Sand	8550	8620	70	Lime, Sand & Chert
300	1485	1185	Red Bed	8620	8701	81	Dolomite, sand & Chert
1485	1735	250	Red Bed, Salt & Gyp.	8701	8737	36	Lime & Chert
1735	1899	104	Shells & Gyp.	8737	8885	148	Dolomite & Chert
1899	2633	794	Anhyd. & Gyp.	8885	9007	122	Dolomite
2633	2969	336	Salt & Anhyd.	9007	9047	40	Dolomite & Shale
2969	3576	607	Anhyd. & Gyp.	9047	9040	13	Dolomite
3576	4252	576	Anhydrite				
4252	4276	24	Anhydrite & Lime				
4276	4342	66	Anhydrite				
4342	4386	44	Anhydrite & Dolomite				
4386	4445	59	Anhydrite				
4445	4530	85	Anhydrite & Lime				
4530	5930	1400	Lime				
5930	6664	734	Lime & Chert				
6664	7355	691	Lime				
7355	8234	879	Lime & Chert				
8234	8251	17	Lime				
8251	8286	35	Dolomite				
8286	8332	46	Lime				
8332	8410	78	Lime, Sand & Chert				
8410	8508	98	Dolomite, Sand & chert				
8508	8550	42	Lime				

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.

October 4, 1961

Company or Operator **Texas Pacific Coal & Oil Co.** Address **P. O. Box 1688, Hobbs, New Mexico**
Name *Robert M. Smith* Position **Petroleum Engineer**