

**Santa Fe, New Mexico**

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)

(Lease)

Well No. 45, in 1E ¼ of 5N ¼, of Sec. 5, T. 22S, R. 36E, NMPM.

**South Dorset Pool, Lea County.**

Well is 1980 feet from South line and 1980 feet from West line

of Section.....5..... If State Land the Oil and Gas Lease No. is.....2004.....

Drilling Commenced.....April 29.....1960.....Drilling was Completed.....May 14.....1960.....

Name of Drilling Contractor..... P. M. A. Drilling Company..... J. P. Gibbons, Inc.

Address..... Michite Falls, Texas..... Midford, Texas

Elevation above sea level at Top of Tubing Head.....~~3594~~..... The information given is to be kept confidential until  
~~XXXXXXXXXXXX~~..... 19 ~~XX XX~~

No. 1, from 3756 to 3850 GRL No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

No. 3, from.....to..... No. 6, from.....to.....

**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.....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8"	32.30	New	308	Float			Surface
7"	40	New	3756	Float			Protection String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	9-5/8"	316	300+45 Cnl	Pump & Plug		
8-3/4	7"	3766	250+45 Cnl	Pump & Plug		

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

Open hole Vibro-treated w/ 3 in. 3 charges at 3839 -44. Sand-oil treat w/ 20,000 gals. refined oil and 10,000 lbs. sand.

Result of Production Stimulation..... Flowed 145 bbls. oil, no water through a 1 1/2" choke in  
42 hours. Tested on May 19, 1960.

...Depth Cleaned Out.....**2020 GPM**.....

RECORD OF DRILL-STEM AND SPECIAL TS

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 3766 feet, and from feet to feet.  
Cable tools were used from 3756 feet to 3850 feet, and from feet to feet.

PRODUCTION

Put to Producing May 19, 1960

OIL WELL: The production during the first 24 hours was 145 barrels of liquid of which 100 was oil; 0 % was emulsion; 0 % 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.	1104		T. Devonian		T. Ojo Alamo
T. Salt	1680		T. Silurian		T. Kirtland-Fruitland
B. Salt	3018		T. Montoya		T. Farmington
T. Yates	3152		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3368		T. McKee		T. Menefee
T. Queen	3755		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	322	322	Caliche & Red Bed				
322	450	128	Red Bed				
450	1432	982	Red Bed, Shells & Anhyd.				
1432	3012	1580	Anhyd. & Salt				
3012	3100	88	Anhyd. & Lime				
3100	3190	90	Anhyd. & Sand				
3190	3327	137	Lime & Sand				
3327	3766	439	Lime				
3766	3850	84	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.

June 27, 1960 (Date)  
Company or Operator: Texas Pacific Coal & Oil Company Address: P. O. Box 1688, Hobbs, New Mexico  
Name: [Signature] Position: Title: Petroleum Engineer