

[illegible]

NEW ZEALAND 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.

Texas Pacific Coal and Oil Company

10. State 3.1 a/c-2

(Company or Operator)

(1999)

Well No. **16**, in **ME** $\frac{1}{4}$ of **SE** $\frac{1}{4}$, of Sec. **11**, T. **22-S**, R. **36-E**, NMPM.

Arrowhead

Pool.

County

Well is 2310 feet from South line and 330 feet from East line

of Section 11 If State Land the Oil and Gas Lease No. 45 A-983

Drilling Commenced May 13, 1939 Drilling was Completed June 4, 1939

Name of Drilling Contractor..... **Company rotary tools**

Address.....

Elevation above sea level at Top of Tubing Head..... 3520' The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 3662' to 3802' No. 4, from _____ to _____

No. 2, from.....to..... 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
10 ⁿ	40 ₂	New	259'	?			
7 ⁿ	24 ₂	"	3652'	?			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 $\frac{1}{2}$ "	10"	299'	175			
8-3/4"	7"	3662'	400			

RECORD OF PRODUCTION AND STIMULATION

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

Potential 350 BOPE after 2000 gallon acid treatment. Treated with 2000 gallons on 8/1/50 and production remained the same - 2 BOPE. Treated with 4000 gallons sandfrac and 3000# of sand on 6/10/54. Increased production from 3 BOPE to 17 BOPE.

Result of Production Stimulation.....

..Depth Cleaned Out.

F

ORD 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 0 feet to 3802 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to Producing June 8, 1939

OIL WELL: The production during the first 24 hours was 350 barrels of liquid of which was oil; % was emulsion; % water; and % was sediment
Gravity 34

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	1380'		T. Devonian		T. Ojo Alamo
T. Salt	1430'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2620'		T. Montoya		T. Farmington
T. Yates	2775'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3032'		T. McKee		T. Menefee
T. Queen	3492'		T. Ellenburger		T. Point Lookout
T. Grayburg	3700'		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	270	270	Caliche & sand				
270	641	371	Red bed & shells				
641	1230	589	Rock & red bed				
1230	1380	150	Red bed				
1380	1430	50	Anhydrite & red bed				
1430	1590	160	Anhydrite & salt				
1590	1690	100	Salt				
1690	1915	225	Gyp, anhydrite & salt				
1915	2620	705	Anhydrite & salt				
2620	2737	117	Anhydrite & gyp				
2737	2800	63	Anhydrite & lime				
2800	2826	26	Lime & sand				
2826	2939	113	Anhydrite & lime				
2939	2958	19	Lime				
2958	3054	96	Anhydrite & lime				
3054	3615	561	Lime				
3615	3630	15	Sand				
3630	3665	35	Lime				
3665	3734	69	Sand & lime				
3734	3755	21	Lime				
3755	3778	23	Lime & sand				
3778	3802	24	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.

September 15, 1954

(Date)

Company or Operator Texas Pacific Coal and Oil Company Address Box 1688 Hobbs, New Mexico

Name John J. ... Position or Title District Engineer