

Page 2 (Corrected)

Drill Stem Tests:

From

To

REMARKS

4,782'

4,362'

1" surface, 5/8" bottom choke, no water blanket, tool open 1-1/2 hours, no blow of air. Checked tool to be sure it open after 27 minutes and after 57 minutes. Pulled tool, recovered 90' drilling water, very slightly gas cut. Found new type Halliburton circulating valve was closed when tool run in hole. Flowing pressure 0#, hydrostatic pressure 2035#, 20 minute shut in pressure 0#. Opened valve and reran tool, set packer in 8-5/8" OD casing and tested open hole 4673' to 4862', tool open 1 hour, had very slight air blow when tool opened, decreased to no blow in 6 minutes. Pulled tool, recovered 30' drilling water, very slightly gas cut. Flowing pressure 0#, hydrostatic pressure 2025#, 20 minute shut in pressure 0#.

10,609'

10,697'

1" surface and bottom chokes, no water blanket, tool open 2 hours, had very light blow air when tool opened, decreased to no blow in 55 minutes. Pulled tool, recovered 30' drilling mud. No oil, gas, or formation water. Flowing pressure 70#, hydrostatic pressure 5120#, 20 minute shut in pressure 70#.

11,296'

11,359'

1" surface and bottom chokes, no water blanket, tool open 1-1/2 hours, had very weak air blow when tool opened, decreased to no blow in 40 minutes. Pulled tool recovered 35' very slightly gas cut mud. Flowing pressure 0# to 70#, hydrostatic pressure 5665#, 20 minute shut in pressure 70#.

12,997'

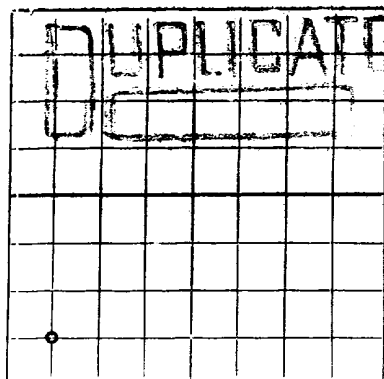
13,046'

1" surface and bottom chokes, 2000' water blanket, tool open 2 hours, had weak air blow when tool opened, increased to fair blow at end of 2 hours. Recovered 2000' water blanket, 450' salt water with sulphur odor, 570' salt water, 20,235 FPH, flowing pressure 850# to 1300#, 20 minute shut in pressure 5250#, hydrostatic pressure 6210#.

8,106'

8,260'

Ran test tool on 2-1/2" tubing with one packer on bottom of anchor with perforations set 8200' to 8248' with packer set at 8106', tool opened before weight was on packers, lost approximately 26 barrels mud. Picked up and reset tool with 12,000# on packer, opened tool, had very light air blow for 15 minutes. Rigged up swab tools, ran in hole, found top of mud at 3500' from surface. Swabbed mud out of tubing to 6500', packer started leaking a very small amount. Picked up packers and reset with 20,000#. Swabbed mud out of tubing to 7900', packers holding OK. No oil or gas showing.

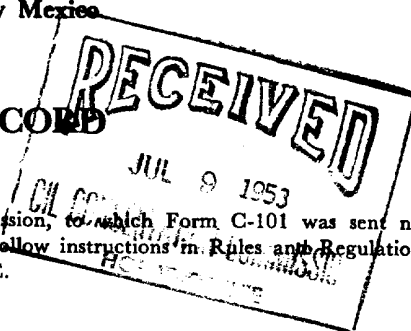


AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

The Pure Oil Company
(Company or Operator)

State-Lease "B"
(Lease)

Well No. **1**, in **SW** $\frac{1}{4}$ of **SW** $\frac{1}{4}$ of Sec. **10**, T. **16-S**, R. **35-E**, NMPM.

Wildcat

Pool,

Lea

County.

Well is **660** feet from **South** line and **660** feet from **West** line

of Section **10**. If State Land the Oil and Gas Lease No. is **B-10028-1**

Drilling Commenced **December 9**, 19**52** Drilling was Completed **June 15**, 19**53**

Name of Drilling Contractor **Parker Drilling Company**

Address **418 National Bank of Tulsa Building, Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **4011' DF** The information given is to be kept confidential until
_____, 19_____

OIL SANDS OR ZONES

No. 1, from **(None)** to _____ 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 **(None)** 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
11-3/4" OD	42#	New	356'	Howco Flt	Guide -	-	-
8-5/8" OD	28# 32#	New	4658'	Howco Flt	Guide -	-	-

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4"	374'	450	Pump & plug		
11"	8-5/8"	4673'	2750	Pump & plug		

See plugging record on reverse side

RECORD OF PRODUCTION AND STIMULATION

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

6-24-53: Pumped 250 gals mud acid & 750 gals regular acid in 2-1/2" tbg. 2-1/2 hours placed 250 gals mud acid in open hole 8260'-8106', max tbg pressure 2750#, max csg pressure 1300#. Acid set on formation 1/2 hour, started pump & increased tbg pressure to 2800#, csg to 1250#, unable to break down formation, in 20 minutes shut down pump, tbg pressure dropped to 2000#, csg 1250#. Started pump & pumped in 20 gals flush water, tbg pressure increased to 2910#, csg pressure 1250#, tbg pressure dropped to 2450#, csg pressure increased to 1400#, acid started leaking around packer. Shut down pump, tbg pressure 1900#, csg pressure increased to 1450#. 6 hours swabbed flush water and acid to pits.

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 0 feet to 1304.8 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

DRY HOLE

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was
was oil;% was emulsion;% 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.....	1822 (✓ 2192)	T. Devonian.....	12959 (- 8945)	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....		T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....		T. Farmington.....
T. Yates.....	3029 (✓ 985)	T. Simpson.....		T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....		T. Menefee.....
T. Queen.....		T. Ellenburger.....		T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....		T. Mancos.....
T. San Andres.....	4543 (- 529)	T. Granite.....		T. Dakota.....
T. Glorieta.....	6190 (- 2176)	T.		T. Morrison.....
T. Drinkard.....		T.		T. Penn.....
T. Tubbs.....	7337 (- 3323)	T.		T.
T. Abo.....	8060 (- 4046)	T.		T.
T. Penn.....	10269 (- 6255)	T.		T.
T. Miss. Lime.....	11910 (- 7896)	T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation
<u>Refer to Formation Record on separate sheet</u>			

From	To	Thickness in Feet	Formation

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.

Company or Operator The Pure Oil Company Address Box 2107, Fort Worth, Texas
Name [Signature] Position or Title Division Superintendent
Date July 7, 1953 (Date)