

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.

Anderson-Prichard Oil Corporation (Company or Operator) **Johnston-Federal** (Lease)
Well No. **8**, in **SW** 1/4 of **SW** 1/4, of Sec. **7**, T. **31N**, R. **9W**, NMPM.
Blanco Pool, **Santa Juan** County.
Well is **1090** feet from **South** line and **1090** feet from **West** line of Section **7**. If State Land the Oil and Gas Lease No. is **87076-39**.
Drilling Commenced **November 15**, 19 **55**. Drilling was Completed **February 9**, 19 **56**.
Name of Drilling Contractor **Great Western Drilling Co.**
Address **Midland, Texas**
Elevation above sea level at Top of Tubing Head **6630 MB**. The information given is to be kept confidential until **not confidential**, 19 .

Gas

SANDS OR ZONES

No. 1, from **5708** to **5790** No. 4, from **5804** to **5368**
No. 2, from **5664** to **5698** No. 5, from to
No. 3, from **5488** to **5624** 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
10-3/4	32.75	New	195	Odico			See reverse side under "Formation Record"
7-5/8	24.0	New	377	Lawco			
5-1/2	15.5	New	5830	Blcf.			
	14.0						

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY
	10-3/4	180	175	Halliburton	10
	7-5/8	377	225 *	Halliburton	9.8
	5-1/2	5830	800	Halliburton	9.5

*Plus 75 sack Pozmix

RECORD OF PRODUCTION AND STIMULATION

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

Treated perf. 5716-46, 5752-90 w/50,000# sand. Treated perf. 5664-92 w/30,000# sand.

Treated perf. 5606-14, 5744-30, 5488-78, 5488-38 w/30,000#. Treated perf. 5804-62 w/30,000# sand.

Result of Production Stimulation **7483 MCF/day through 3/4" choke. PIP 539, CP 862.**Depth Cleaned Out **5360.**

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 Surface feet to 5249 feet, and from _____ feet to _____ feet.
Cable tools were used from None feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing April 4, 1936

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 5381 M.C.F. plus 14 barrels of
liquid Hydrocarbon. Shut in Pressure 985 lbs.

Length of Time Shut in 7 days

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	T. Devonian	T. Ojo Alamo	
T. Salt.	T. Silurian	T. Kirtland-Fruitland	
B. Salt.	T. Montoya	T. Farmington	<u>8852</u>
T. Yates	T. Simpson	T. Pictured Cliffs	<u>9418</u>
T. 7 Rivers	T. McKee	T. Menefee	<u>9367</u>
T. Queen	T. Ellenburger	T. Point Lookout	<u>9708</u>
T. Grayburg	T. Gr. Wash.	T. Mancos	<u>5790</u>
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
<u>Perforations:</u>							
3584	3530	3547	Squeano Prod.				
5716-46							
5798-90							
5600-92							
5606-14							
5544-90			Prod.				
5468-78							
5488-98							
5884-5362							
SEE ATTACHED "WELL HISTORY"							

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 Anderson-Prichard Oil Corp. Address 311 Paramount Bldg., Denver, Colo. (Date) May 23, 1936
Name Karl A. Bashara Position or Title District Superintendent
ORIGINAL SIGNED BY
KARL A. BASHARA

- 12/13 Cleaned out to TD 3548', corrected depth by drill pipe tally. Conditioning hole and laid down drill pipe and ran 3566' of 7-5/8" OD H-40 24# seamless casing. Landed at 3548'. Cemented with 75 sax Pozmix and 225 sax regular cement, with 4% gel and 1/4 of 1% Floseal. Pumped plug to 3465' at 7:30 P.M. Now WOC.
- 14 Landed pipe. Took temperature survey. Found plug at 3373 and cement behind the pipe at 2960. WOC.
- 15 WOC. Nippling up and laying drilling gas lines.
- 16 Went in hole and blew water out with gas. Found cement plug at 3395. Drilled out to 3348. Trying to dry hole at 3350.
- 17 Drilled cement plug from 3396-3548 and made 3' of hole to 3551. Well showed to be making moisture. Pulled drill pipe. Went back in and drilled to 3554. Blew well and it was showing to make mud and water.
- 18 Drilled to 3592, drilling 5 ft. at a time and blowing the well for 2 hours, and the well was showing to make water and moisture. Pulled drill pipe and ran drill pipe with drillable retainer. Set retainer at 3498 and attempted to squeeze formation with 100 sax regular cement. Pump-in pressure 500# with clear water. Well went on vacuum while mixing and pumping cement, and at the end of the squeeze treatment it was showing 300# pump-in pressure. Pulled drill pipe out of cement retainer, dropped bridging ball and spotted 3 sax cement on top of retainer. WOC.
- 19 Drilled out cement to 3565. Well was still showing mud and water, and was still wet.
- 20 Cleaned out to 3570. Hole making gas, mud and water. Pulled drill pipe and bit and went in hole with drillable cement retainer. Set retainer at 3445. Pumped into formation with clear water, 500#. Mixed 200 sax regular cement with 1/4 of 1% Floseal. When cement hit formation, pressure went to 1500# and broke back to 1000#. Squeezed formation with 2500# standing pressure. Pumped 175 sax out of pipe and left 20 sax of cement below the retainer and 5 sax on top of retainer. WOC.
- 21 Drilled cement out at 3445. Drilled out cement plug. Cleaned out to 3587. Took a 2-hour test of water at 3555 and it did not show any appreciable amount of water. Now blowing well at 3587, showing just a small amount of water.
- 22 Cleaning out to 3600. Took two dry tests - no mud or water. Well would not blow dry. Trying to get a connection on a dry gas line.
- 23 Made a new gas connection to a dehydrated gas line. Started drying well up at 6:00 P.M. and blew it until 10:30 P.M. Drilled to 3587. Night hole test at 5793, off 1/2 degree.
- 24 51310. Made trip. When got back on bottom had to blow well 4 hours to dry it up. Making small amount of clear water and some natural gas.
- 25 5125. Off 1/4 degree at 5015.
- 26 Made a trip. Went back on bottom. Blew well for 5 hours, made some mud. Dried it up and drilled to 5229. The drill pipe started to torque up. Pulled up 36' and could not pull any farther. Blowing well and working the pipe trying to work it free.
- 27 Ran dialogs (free point indicator on stuck drill pipe). Found pipe stuck between 3515 and 3525, which indicates the shoe joint of the 7-5/8" casing was collapsed. (7-5/8" is landed at 3548). Tried to back drill pipe off with dialog string shot at 3526 in the place where the drill pipe was tight, but couldn't back off. Came up to 3496 and tried four more times. Could not back off tool joint as the hole is dry, and we were not getting any effect from the shot. Tried to back off drill pipe with the rotary table three times, and it broke in the wrong place each time. Preparing to load the drill pipe with water to continue to try to back off.

OIL CONSERVATION COMMISSION		
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