

(Revised 7/1/88)
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X

Section 1

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

A. R. Priest
.....
(Lesse)

Well No. 8, in SE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 1, T. 15-S, R. 37-E, NMPM.

Denton-Devonian

Pool

Lea

..County.

Well is 1840 feet from north line and 1650 feet from west line

of Section 1 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced July 12, 1958 Drilling was Completed October 5, 1958

Name of Drilling Contractor..... **Durham Drilling Company**

Address..... **Box 204, Midland, Texas**

Elevation above sea level at Top of Tubing Head..... **3798** The information given is to be kept confidential until
not confidential 19.....

OIL SANDS OR ZONES

No. 1, from 12,521' to 12,672' 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
13 3/8"	48# & 68#	new	331'				Surface String
8 5/8"	32#	new	4,810'				Salt String
5 1/2"	15.5#, 17# & 20#	new	12,508'	Larkin			Oil String

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"	13 3/8"	349'	400	Pump & Plug	Cemented to surface	
11"	8 5/8"	4,822'	1000	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	12,521'	350	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated formation w/1500 gallons 15% MCA.

Result of Production Stimulation..... On OPT pumped 174 BOPD + 48 BOPD w/27 SPM @ 3200 psi.

Depth Cleaned Out.....12,672'

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 12,672' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 8, 1958
OIL WELL: The production during the first 24 hours was 222 barrels of liquid of which 78% was oil; 0% was emulsion; 22% water; and 0% was sediment. A.P.I. Gravity 45.9 deg.
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		T. Devonian	12,508' (-8700')
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates		T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres		T. Granite	
T. Glorieta	6255' (-2447')	T. Wolfcamp	9210' (-5102')
T. Drinkard	7410' (-3602')	T. Atoka	10,950' (-7112')
T. Tubbs		T. Woodford	12,392' (-8584')
T. Abo	8104' (-4296')	T.	
T. Penn		T.	
T. Miss	11,618' (-7810')	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	4822	4822	Surface sands, Caliche, Red Beds, Shale, Anhydrite & Salt				
4822	9210	4388	Lime & Shale				
9210	10950	1740	Lime, Dolomite & Shale				
10950	11046	96	Sand & Shale				
11046	11618	572	Lime, Dolomite & Shale				
11618	12392	774	Lime				
12392	12508	116	Shale				
12508	12672	164	Lime & Dolomite				

DST # 1: 9184' - 9414' (230' Wolfcamp Lime & Dolomite). Tool open 2 hours thru 5/8" BC, 1 1/4" TC, 4" DS. Immediate weak air blow increasing to fair after 1 hour. NGTS. Recovered 630' (6.5 bbls.) mud & 180' (0.9 bbls.) heavily oil & gas cut mud. No formation water evident. 30 minutes ISIEHP 3620 psi. FHP 200 - 460 psi. 30 minutes FSIEHP 3240 psi. HNH 4060 psi. Positive Test.

DST # 2: 12,543' - 12,678' (135' Devonian). Tool open 3 hours thru 5/8" BC, 1" TC on 4" DS. Opened w/immediate strong blow continuing throughout test. OTS 25 minutes @ approximate rate of 42 MOFPD. Recovered 4610' (51.5 bbls.) oil + 810' (9 bbls.) slt mud cut oil + 180' (2 bbls.) slt salty, very fine oil in water emulsion titrated 19,000 ppmCl⁻. 35 minutes ISIEHP 3455 psi. FHP 195 - 1250 psi. 60 minutes FSIEHP 2350 psi. HNH 5590 - 5585 psi. Maximum temperature 173 deg. F. Conclusive Test.

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.

November 10, 1958 (Date)
Company or Operator Shell Oil Company Address Box 845, Roswell, New Mexico
Name Rex C. Cabaniss Original Signed By Rex C. Cabaniss Position or Title District Exploitation Engineer