

Section 33

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



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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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

State. T

(Company or Operator)

(Law)

Well No. 6, in SE ¼ of SE ¼, of Sec. 33, T. 17-S, R. 35-E, NMPM.

Vacuum-Abs

Lee

Well is 330 feet from south line and 660 feet from east line.

of Section 33 If State Land the Oil and Gas Lease No. is B-2100

Drilling Commenced.....**February 22**....., 19**61** Drilling was Completed.....**March 19**....., 19**61**

Drilling Contractor..... **Hondo Drilling Company**

Name of Drilling Contractor.....

Address..... P. O. Box 116, Midland, Texas

Elevation above sea level at Top of Tubing Head..... **3935'**..... The information given is to be kept confidential until
not confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 8746' to 8756' No. 4, from _____ to _____

No. 2, from.....to..... No. 3, 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"	13#	new	282'				Surface String
8 5/8"	32#	new	3121'			5786'	Salt String
5 1/2"	15.5# & 17#	new	9088'	Float		8746' - 8756'	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"	297'	275	Pump & Plug	Cemented to surface	
11"	8 5/8"	3133'	1050	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	9099'	525	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 8746' - 8756' w/2-1/2" JSIF.

Treated w/500 gallons MCA.

Result of Production Stimulation..... On GPT flowed 109 MFPD, cut 0.3% BS, thru 16/64" choke.
FTP 150 psi. CP packer.

Depth Cleaned Out.....9085'

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 9100 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to Producing March 28, 1961

OIL WELL: The production during the first 24 hours was 109 barrels of liquid of which 99.7% was oil; % was emulsion; % water; and 0.3% was sediment. A.P.I. Gravity 40.5 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.	T. Ojo Alamo.	
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.	
B. Salt.	T. Montoya.	T. Farmington.	
T. Yates. 2950' (+994')	T. Simpson.	T. Pictured Cliffs.	
T. 7 Rivers. 3264' (+630')	T. McKee.	T. Menefee.	
T. Queen. 3846' (+98')	T. Ellenburger.	T. Point Lookout.	
T. Grayburg.	T. Gr. Wash.	T. Mancos.	
T. San Andres. 4490' (-546')	T. Granite.	T. Dakota.	
T. Glorieta. 6144' (-2200')	T. Abo Reef 8306' (-4362')	T. Morrison.	
T. Drinkard.	T.	T. Penn.	
T. Tubbs.	T.	T.	
T. Abo. 8105' (-4161')	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	230	230	Surface sand & Caliche				
230	1585	1355	Red Beds, SS, Sh. & Ls.				
1585	2000	415	Anhydrite				
2000	3130	1130	Salt & Anhydrite, Dolomite				
3130	4490	1360	Dolomite, Sandstone				
4490	5740	1250	Dolomite				
5740	7590	1850	Dolomite, Sandstone, Shale				
7590	8105	515	Dolomite, Siltstone, Shale, Chert				
8105	8306	201	Dolomite w/shale				
8306	9100	794	Dolomite w/scattered thin shale streaks				
TEST # 1:	8870' - 9100' (230' Abo). Tool open 2 hours 10 minutes thru 5/8" IC, 1" IC, 1 1/2" DP. GTS 10 minutes. ISM. Rec. 640' (9.0 bbls.) mud cut oil (estimated 90% oil + 10% IS&W) + 90' (1.3 bbls.) heavily gas and mud cut oil (estimated 65% oil + 10% gas + 25% IS&W) + 540' (5.1 bbls.) black SSW. 60 minutes IS IDHP 3220 psi (increasing). WBHP 150 - 400 psi. 120 minutes FS IDHP 3155 psi (increasing). HP in and out 3980 psi. BIT 119 deg. F. Conclusive Test. (Halliburton)						

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.

March 30, 1961

(Date)

Company or Operator Shell Oil Company

Address Box 1358, Roswell, New Mexico

Name R. A. Lowery

Original Signed By R. A. LOWERY

District Exploitation Engineer