

(Revised 7/1/80)
(Page C-105)

Section 33

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Santa Fe, New Mexico

**T
17
3**

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

Shell Oil Company

State T

.....
(Company or Operator)

(Last)

Well No. 5, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 33, T. 15, R. 35E NMPM.

Vacuum-Abs

La

Pool, County.

Well is 1980 feet from east line and 330 feet from south line

of Section **33** If State Land the Oil and Gas Lease No. is **B-1100**

Drilling Commenced..... **January 14** 19 **61** Drilling was Completed..... **February 17** 19 **61**

Name of Drilling Contractor..... **Hendo Drilling Company**

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

Elevation above sea level at Top of Tubing Head..... **3938** The information given is to be kept confidential until
not confidential 19.....

OIL SANDS OR ZONES

No. 1, from 8740' to 8780' 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#	NEW	203'				Surface
8 5/8"	32#	NEW	2155'	Guide			Salt
5 1/2"	15.5# & 17#	NEW	8992'	Float		8740' - 8780'	Oil

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"	318'	300	Pump & Plug	Cemented to surface	
11"	8 5/8"	3166'	250	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	9003'	500	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 8740' - 8780' w/2 jet shots per foot.

Treated w/500 gallons BDA.

result of Production Stimulation..... On OPT flowed 262 BOPD, cut 1.5% BS, thru 16/64" choke.

FTP 400 psi. CP packer.

Depth Cleaned Out.....8980'

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 9003 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 28, 1961
OIL WELL: The production during the first 24 hours was 262 barrels of liquid of which 98.5% was oil; % was emulsion; % water; and 1.5% was sediment. A.P.I. Gravity 39.4 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		
Rustler					
T. Anhy	1571'	(+2377')	T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	2940'	(+1008')	T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3250'	(+698')	T. McKee		T. Menefee
T. Queen	3833'	(+115')	T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres	4488'	(-510')	T. Granite		T. Dakota
T. Glorieta	6203'	(-2255')	T. Abo Reef	8375'	(-4427')
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo Dolo.	8093'	(-4415')	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 Sands & Caliche				DST # 1: 2939' - 3167' (228' Yates). Tool open 2 hours thru 5/8" BC, 1/2" TC, 1" DP. Tool opened w/strong blow, continued thru out test. GTS 3 mins. ISTM. No oil to surface. Recovery 390' (2.3 bbls.) HGMHGM. 60 minutes ISIBHP 600 psi. FBHP 135 - 170 psi. 120 minutes FSIBHP 530 psi. All pressures increasing. HP in & out 1600 psi. Max. MFT 120 deg. F. Conclusive Test.
230	1571	1341	Red Beds, Sand, Shale, Limestone				
1571	1860	289	Anhydrite				
1860	2610	750	Salt w/Shale & Anhydrite				
2610	3090	480	Anhydrite, Shale, Limestone, Sand				
3090	3125	35	Dolomite				
3125	4620	1495	Anhydrite, Dolomite, Sand, Shale, Limestone				
4620	5210	590	Dolomite				
5210	7600	2390	Dolomite, Sand, Shale				
7600	7990	390	Dolomite, Chert, Shale				
7990	8085	95	Very shy, slty, dolomite				
8085	9003	918	Dolomite & Shale				
DST # 2: 8080' - 8300' (220' Abo). Tool open 2 hours thru 5/8" BC, 1 1/4" TC, 1 1/2" DP. Opened w/weak blow which continued throughout test. Recovery 170' (0.9 bbls.) all oil & gas cut drilling mud + 115' (0.6 bbls.) drilling mud w/no show. 60 minutes BISHP 3000 psi (increasing). FBHP 120 - 220 psi (increasing). 120 minutes FSIBHP 2860 psi (increasing). HMH 3700 psi. Max. Temp. 128 deg. F. Conclusive Test. (Cook)							

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 2, 1961

(Date)

Company or Operator Shell Oil Company

Address Box 845, Roswell, New Mexico

Name R. A. Lowery

District Exploitation Engineer

Original Signed By
R. A. LOWERY