

Section 34

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico OFFICE OCC

1960 MAR 9 AM 10:32
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
(Company or Operator)

State PF.
(Lease)

Well No. 1, in NW 1/4 of SE 1/4, of Sec. 34, T. 19S, R. 35E, NMPM.
undesignated Pool, Lea County.

Well is 1980 feet from south line and 1980 feet from east line
of Section 34. If State Land the Oil and Gas Lease No. is 00-513

Drilling Commenced January 28, 1960 Drilling was Completed February 7, 1960

Name of Drilling Contractor Noble Drilling Company

Address Drawer 550, Midland, Texas

Elevation above sea level at Top of Tubing Head 3690'. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 4708' to 4712' No. 4, from 4744' to 4750'
No. 2, from 4715' to 4718' No. 5, from 4896' to 4899'
No. 3, from 4727' to 4730' No. 6, from 4913' to 4917'
No. 7 from 4932' to 4936'

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
9 5/8"	36.4	NEW	95'				Surface String
7 5/8" &	26.14	NEW	71'				
5 1/2"	15.5	NEW	4954'	Larkin Float		*	Oil String

*4708' - 4712', 4715' - 4718', 4727' - 4730', 4744' - 4750', 4896' - 4899', 4913' - 4917', 4932' - 4936'

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	9 5/8"	106'	85	Pump & Plug	Cemented to surface	
7 7/8"	7 5/8" &	5037'	200	Pump & Plug		
	5 1/2"					

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 4708' - 4712', 4715' - 4718', 4727' - 4730', 4744' - 4750', 4896' - 4899' & 4913' - 4917' & 4932' - 4936' w/2-1/2" jet shots per foot.

Treated w/36,000 gallons lease oil containing 1/25% Western F-7 & 2# sand/gallon.

Result of Production Stimulation On OPI pumped 59 BOPD + 33 BWPD (based on 52 BO + 29 BW in 21 1/4 hours) w/21 1/2-51" SPN.

Depth Cleaned Out 5015'

RECORD OF DRILL-STEM AND SPECIAL TESTS 5

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 5040 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 2, 1960
OIL WELL: The production during the first 24 hours was 92 barrels of liquid of which 64% was oil; % was emulsion; 36% water; and % was sediment. A.P.I. Gravity 35.7 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.	1785' (+1914')		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	3443' (+256')		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3975' (-276')		T. McKee		T. Menefee
T. Queen	4632' (-933')		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
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
0	55	55	Caliche, Surface Sands				
55	1785	1730	Red Beds				
1785	3443	1658	Anhydrite & Salt				
3443	3475	32	Sand, Shale & Dolomite				
3975	4632	657	Dolomite				
4632	5040	408	Sand & Dolomite				

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 7, 1960 (Date)
Company or Operator Shell Oil Company Address Box 845, Roswell, New Mexico
Name R. A. Lowery Original Signed By R. A. LOWERY Position or Title District Exploitation Engineer