

R-34-E

Revised 7/1/60
(Form C-100)

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1001 AUG 31 AM 10 10

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
(Company or Operator)State RLB
(Lease)Well No. 1, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 33, T. -12-S, R. -34-E, NMPM.
undesignated Pool, Lee County.Well is 660 feet from south line and 660 feet from east line
of Section 33. If State Land the Oil and Gas Lease No. is K-620Drilling Commenced April 26, 19 61. Drilling was Completed May 31, 19 61Name of Drilling Contractor Sharp Drilling CompanyAddress P. O. Box 1271, Midland, TexasElevation above sea level at Top of Tubing Head 4169. The information given is to be kept confidential until
not confidential, 19 61

OIL SANDS OR ZONES

No. 1, from to 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 REMARKS	PERFORATIONS	PURPOSE
13 3/8"	48#	NEW	317'				Surface
8 5/8"	32#	NEW	4236'	Guide	1481'		Intermediate

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"	335'	300	Pump & Plug	Cemented to surface	
11"	8 5/8"	4248'	400	Pump & Plug	Cemented to surface	

RECORD OF PRODUCTION AND STIMULATION

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

Cement plugs @: 10,100' - 10,613' 125 sz.
9,225' - 9,325' 25 sz.
7,650' - 7,750' 25 sz.
5,480' - 5,520' 25 sz.
4,800' - 4,900' 30 sz.
1,525' - 1,425' 60 sz.
400' - 300' 60 sz.Result of Production Stimulation Erected 4' x 4' Marker

Depth Cleaned Out.....

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 10,613 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing P & A August 24, 1961

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

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	1916' (+2265')	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates	2810' (+1371')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen	3563' (+618')	T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres	4170' (+11')	T. Granite	T. Dakota
T. Glorieta		T.	T. Morrison
T. Drinkard	7041' (-3590')	T.	T. Penn
T. Tubbs		T.	T.
T. Abo		T.	T.
T. Penn		T.	T.
T. Miss	10,027' (-5846')	T.	T.
Wolfcamp	9318' (-5137')	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	300	300	Caliche, Surface Sands, Anhydrite				
300	1916	1616	Red Beds, Anhydrite				
1916	2810	894	Anhydrite				
2810	3563	753	Dolomite, Anhydrite, Sand				
3563	4170	607	Dolomite, Anhydrite, Shale				
4170	7041	2871	Limestone, Shale				
7041	7771	730	Limestone				
7771	10613	2842	Shale, Limestone				

DST #1: 10,371' - 10,413' (42' Ranger Lake). Tool open 30 minutes thru 5/8" EC, 1" TC, 4" DP. Opened w/very weak blow & died. Recovery 10' (1 bbl.) drilling mud. 60 minutes ISIEHP 106 psi. FIEHP 47 - 150 psi. 15 minutes ISIEHP 273 psi. BHP 5386 psi in, 5347 psi out. Recovery mud 33,000 ppm. Pit mud 50,000 ppm. Conclusive Test. (Foster)

DST #2: 10,160' - 10,413' (253' Pennsylvanian). Tool open 30 minutes thru 5/8" EC, 1" TC, 4" DP. Opened w/good blow. Recovery 2070' (19.7 bbls.) all mud out sulfur water. Recovery water 54,000 ppm Cl⁻. Pit mud 50,000 ppm Cl⁻. 60 minutes ISIEHP 3840 psi. FIEHP 295 - 670 psi. & 830 - 990 psi. 60 minutes FIEHP 3810 psi. BHP 5375 psi. BHT 158 deg. F. Conclusive Test. (Foster)

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.

August 30, 1961

Company or Operator Shell Oil Company

Address P. O. Box 1858, Roswell, New Mexico

Name R. A. Lowery Original Signed By R. A. LOWERY

District Exploitation Engineer