

NEW MEXICO OIL CONSERVATION COMMISSION
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.

R-45-E

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company State N.M.
(Company or Operator) (Lease)

Well No. 4, in SE 1/4 of NE 1/4, of Sec. 8, T. 16-S, R. 35-E, NMPM.
Townsend-Welford Pool, Lea County.

Well is 2310 feet from north line and 660 feet from east line
of Section 8. If State Land the Oil and Gas Lease No. is E-704

Drilling Commenced November 4, 1955. Drilling was Completed December 19, 1955

Name of Drilling Contractor Company Tools - Rig # 22

Address Box 1509, Midland, Texas

Elevation above sea level at Top of Tubing Head 4020. The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 10,218 to 10,422. 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	338				Surface String
8 5/8"	32#	new	4,641				Salt String
5 1/2"	15.5# & 17#	new	10,525			10,402'-10,422'	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 1/2"	13 3/8"	350	400	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4,653	1700	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	10,536	300	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Washed casing perforations 10,402' - 10,422' w/500 gallons mud cleanout agent.
Treated w/1500 gallons mud cleanout agent.

Result of Production Stimulation On OPT flowed 325 BOPD (based on 203 BOPD in 15 hours) thru 21/64" choke.

Depth Cleaned Out 10,492'

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 10,535 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 23, 1935

OIL WELL: The production during the first 24 hours was 329 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 27.5 deg. 602.1039

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	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T. Wolfcamp 10,218' (-6179')	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 10,200	10,200 10,535	10,200 335	No samples taken Lime				
	TD	10,535					

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.

Company or Operator Shell Oil Company
Name B. Nevill
Original signed by B. Nevill

December 27, 1935
Address Box 1937, Hobbs, New Mexico
Position or Title Division Exploitation Engineer
Original signed by B. Nevill
(Date)