

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 QUINTUPPLICATE.

N-37-E

Section 25

2

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

(Company or Operator)

Buckley "A"

(Lease)

Well No. 3, in NW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 25, T. -14-S, R. -37-E, NMPM.

Denton

Pool,

Lee

County.

Well is 1650 feet from south line and 330 feet from west line of Section 25. If State Land the Oil and Gas Lease No. is _____.Drilling Commenced December 5, 1953 Drilling was Completed March 4, 1954Name of Drilling Contractor Rowan Drilling CompanyAddress Box 1873, Midland, TexasElevation above sea level at Top of Tubing Head 3809. The information given is to be kept confidential until not confidential, 19____.

OIL SANDS OR ZONES

No. 1, from 12,226 to 12,598 No. 4, from _____ to _____
Open from 12, 247 to 12,598
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	317				Surface String
8 5/8"	32#	new	4,759				Salt String
5 1/2"	17# 420#	new	12,239				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"	342'	350	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4,772'	3000	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	12,247'	800	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Washed formation w/500 gallons mfd acid. Then treated open hole interval w/1500 gallons 15% LST acid.

Result of Production Stimulation In 24 hours flowed 590 BO (based on 444 BO in 18 hours) out 0.4% BS. No water thru 18/64" choke. TP 1100 psi. GP 70 psi. GOR 776. Gravity 46.8 deg. API.

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 12,598 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 13, 1954

OIL WELL: The production during the first 24 hours was 590 barrels of liquid of which 99.6% was
was oil; % was emulsion; % water; and 0.4% was sediment. A.P.I.
Gravity 46.8 deg. API

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 12,226' (-8407')	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 4648' (-829')	T. Granite.	T. Dakota.	
T. Glorieta 6198' (-2379')	T. Wolfcamp 9238' (-5419')	T. Morrison.	
T. Drinkard.	T.	T. Penn.	
T. Tubbs.	T.	T.	
T. Abo 8025' (-4206')	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	9,100	9100	No samples taken				
9,100	9,100	190	Dolomite				
9,290	9,600	310	Dolomite & Lime				
9,600	9,650	50	Lime				
9,650	9,890	240	Lime & Shale				
9,890	10,470	580	Lime, Dolomite & Shale				
10,470	11,450	980	Lime & Shale				
11,450	11,740	290	Lime, Shale & Chert				
11,740	11,870	130	Lime & Shale				
11,870	12,100	230	Lime, Shale & Chert				
12,100	12,225	125	Lime & Shale				
12,225	12,435	210	Lime, Shale & Dolomite				
12,435	12,575	140	Dolomite & Shale				
12,575	12,598	23	Shale, Dolomite & Lime				

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 18, 1954 (Date)
Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico
Name B. Nevill Original signed by Division Exploitation Engineer
B. Nevill Position or Title