

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

INDEX OFFICE CCC

WELL RECORD 11 AM 7:25

Section 25

14

5

X

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company

(Company or Operator)

Buckley "A" et al

(Lease)

Well No. 4, in SE 1/4 of SW 1/4, of Sec. 25, T. 14-S, R. 37-E, NMPM.

Denton

Pool,

Lea

County.

Well is 330 feet from south line and 1650 feet from west line

of Section 25. If State Land the Oil and Gas Lease No. is.

Drilling Commenced April 17, 1954 Drilling was Completed July 7, 1954

Name of Drilling Contractor Loffland Bros.

Address H&J Tower, Room 306, Midland, Texas

Elevation above sea level at Top of Tubing Head 3807

Not Confidential

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 12,291 to 12,482 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"	484	new	323'				Surface String
8 5/8"	324	new	4736'				Salt String
5 1/2"	174 & 204	new	12,278'				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
16"	13 3/8"	338'	400	Pump & Plug	Cemented to surface	
11"	8 5/8"	4749'	2450	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	12,291'	870	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole interval 12,291' - 12,482' w/750 gallons mud acid.

Result of Production Stimulation. ON GPT flowed 536 MOPD (based on 402 D) in 18 hours) out 0.2% BS, thru 20/60" choke. FIP 640 psi. CP pkr. Gravity 44.1 deg. API. COR 939

Depth Cleaned Out

FORM OF DRILL-STEM AND SPECIAL T

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 12,482 feet, and from feet to feet.  
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 16, 1954

OIL WELL: The production during the first 24 hours was 536 barrels of liquid of which 99.8 % was oil; % was emulsion; % water; and 0.2 % was sediment. A.P.I. Gravity 44.1 deg. OGR 939

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 12,284' (-8467')	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 6210' (-2397')	T. Wolfcamp 9242' (-5425')	T. Morrison.	
T. Drinkard 5114 7340' (-3923')	T.	T. Penn.	
T. Tubbs.	T.	T.	
T. Abo. 8032' (-4215')	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	9100	9100	No samples taken				
9100	9381	281	Dolomite & Lime				
9381	10601	1220	Lime				
10601	10985	384	Lime & Shale				
10985	11432	447	Lime				
11432	11671	239	Lime & Chert				
11671	11744	73	Lime				
11744	11985	241	Lime & Chert				
11985	12272	287	Lime				
12272	12301	29	Lime & Dolomite				
12301	12482	181	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.

July 21, 1954 (Date)  
 Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico  
 Name B. Nevill Original signed by B. Nevill Position or Title Division Exploitation Engineer