

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.

Section 16

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

State of NM
(Lease)

Well No. 7, in NW 1/4 of NE 1/4 of Sec. 16, T. 15-S, R. 16-E, NMPM.

Candill-Devonian Pool, Lea County.

Well is 660 feet from north line and 2310 feet from east line

of Section 16. If State Land the Oil and Gas Lease No. is 8-1044

Drilling Commenced November 9, 1955. Drilling was Completed January 20, 1956

Name of Drilling Contractor Company Tools - Rig # 14

Address Box 1509, Midland, Texas

Elevation above sea level at Top of Tubing Head 3907. The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 13,495 to 13,570 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	736				Surface String
8 5/8	32	new	4,736				Salt String
5 1/2	17 & 20	new	13,615			13,495'-13,570'	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 1/4"	13 3/8"	353	400	Pump & Plug	Cemented to surface	
11"	8 5/8"	4,749	1650	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	13,629	250	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Washed casing perforations 13,495' - 13,570' w/500 gallons mud cleanout agent.

Treated w/1500 gallons mud cleanout agent.

Result of Production Stimulation On OPT flowed 456 BOPD (based on 749 BOPD in 18 hours) out 0.3% BS, thru 13/64" choke, FTR 850 psi, FOP 0 psi.

Depth Cleaned Out 13,586'

RECORD OF DRILL-STEM AND SPECIAL TEST

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 13,630 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 1, 1936

OIL WELL: The production during the first 24 hours was 496 barrels of liquid of which 99.7% was oil; % was emulsion; % water; and 0.3% was sediment. A.P.I. Gravity 61.5 deg. API 168

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	13,490' (-9573')	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 line	3692' (-5712')	T. Morrison.
T. Drinkard	T. Abo Sand	11,648' (-7731')	T. Penn.
T. Tubbs.	T. Woodford shale	13,392' (-9474')	
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	10050	10050	No samples taken	DET # 1:	13,492'	- 13,620'	(128' Devonian dolomite) w/1500' MG. Tool open 2 1/2 hours thru 5/8" DG & 1" TD on 4" DG. Tool opened w/immediate good blow lasting throughout test. OTS 2 hours 30 minutes. Pulled drill pipe & found fluid w/35 stds. (3250') out of hole. Recovered out w/ 8400' (89.8 bbls.) 60 deg. API Gravity oil to pits. Recovered 306' oil & VW 400M below circulating sub. No evidence of formation water. FWP 945 - 3285 psi. 30 minutes SIDPP 5275 psi. MPP 6790 - 6750 psi. Positive Test. (Johnston)
10050	10754	704	Line				
10754	10613	141	Line & Shale				
10613	10765	152	Line, Shale & Chert				
10765	12687	1922	Line & Shale				
12687	13161	474	Line, Shale & Chert				
13161	13277	116	Line & Shale				
13277	13630	353	Line				
	TD	13630					

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.

February 7, 1936

(Date)

Company or Operator Shell Oil Company
Name B. McVill

Address Box 1957, Hobbs, New Mexico
Position or Title Division Exploitation Engineer