

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

.....
(Company or Operator)

(T-999)

Well No. 5, in SW $\frac{1}{4}$ of EE $\frac{1}{4}$, of Sec. 16, T. -15-S, R. -36-E NMPM.

Candill-Devonian

Pool

Los

County.

Well is 1980 feet from north line and 2310 feet from east line

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

Drilling Commenced June 8 19 55 Drilling was Completed September 24 19 55

Name of Drilling Contractor..... **Hall & Stewart**

Address Box 1847, Midland, Texas

Elevation above sea level at Top of Tubing Head.....3903..... The information given is to be kept confidential until
not confidential..... 19.....

No. 1. from 13.490 to 13.560 No. 4. from _____ to _____

No. 2, from to No. 5, from to

No. 3, from.....to..... No. 6, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	new	325				Surface String
8 5/8"	32#	new	4,735				Salt String
5 1/2"	17# & 20#	new	13,643			13,496'-13,560'	Oil String

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"	338	400	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4,747	2700	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	13,656	200	Pump & Plug		

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

Washed perforations 13,496' - 13,560' w/500 gallons mud cleanout agent then injected 1500 gallons mud cleanout agent.

Result of Production Stimulation. On 24 hour OPT flowed 848 BO (based on 424 BO in 12 hours), out 0.1% water, thru 18/64" choke. FB 340 psi. CP 0 psi.

Depth Cleaned Out.....13.653

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 13,656 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 1, 1955
OIL WELL: The production during the first 24 hours was 840 barrels of liquid of which 99.9% was oil; % was emulsion; 0.1% water; and % was sediment. A.P.I. Gravity 61.2 deg. API 98
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 dol. 13,490' (-9577')	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 dol. 6167' (-2254')	T. Wolfcamp lime 9637' (-5724')	T. Morrison
T. Drinkard sil. zone 7400' (-3487')		T. Penn
T. Tubbs		
T. Abo shale 8105' (-4192')		
T. Penn		
T. Miss lime 12,636' (-5723')		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	9600	9600	No samples taken	13,536'	13,656'	120'	Devonian dolomite).
9600	11949	2349	Lime	Tool open 4 hours & 17 minutes thru 5/8" DC & 1" TC on 3 1/2" DS w/3000' WB. Tool opened w/strong blow lasting throughout test. OTS & WBTS in 1 hour & 55 minutes. OTS in 2 hours & 30 minutes. Flored 32 DO in 1 hour. Gravity 60.3 deg. API. Recovered out 95 DO to tanks & pits. Recovered 180' (1.26 bbls.) BS below circulating sub. No evidence of formation water. FWP 2125 - 4425 psi. 30 minutes SIBWP 5500 psi. MCH 6825 - 6925 psi. Positive Test. (Johnston)			
11949	12167	218	Lime & Shale				
12167	12391	224	Lime				
12391	12427	36	Lime & Shale				
12427	12592	165	Shale				
12592	12643	51	Shale & Lime				
12643	12863	220	Lime				
12863	13145	282	Lime & Chert				
13145	13490	345	Lime				
13490	13656	166	Dolomite				
	AD	13656					

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.

October 4, 1955

(Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name B. Nevill by J. Barry

Position or Title Division Exploitation Engineer