

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

State GA

(Lease)

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

Caudill-Devonian

Pool.

Lead

County.

Well is 1980 feet from north line and 990 feet from west line

of Section 16..... If State Land the Oil and Gas Lease No. is 3-1044

Drilling Commenced April 19, 1955 Drilling was Completed July 23, 1955

Name of Drilling Contractor..... **Company Tools, Rig - 14**

Address..... **Box 1509, Midland, Texas**

Elevation above sea level at Top of Tubing Head.....3910..... The information given is to be kept confidential until
not confidential 19.....

No. 1, from 13.454 to 13.564 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"	40#	new	319				Surface String
8 5/8"	32#	new	4,722				Salt String
5 1/2"	17# & 20#	new	13,689			13,454'-13,564'	Oil String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
7 1/4"	13 3/8"	336	400	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4,739	1700	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	13,700	300	Pump & Plug		

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

Washed perforations 13,454' - 13,564' w/500 gallons Mud Cleanout Agent. Then injected 1500 gallons Mud Cleanout Agent.

Result of Production Stimulation..... On GPT flowed 1984 BOPD (based on 330 BO in 5 hours) no BSAW,
thru 17/64" choke. FTP 1000 psi. FGP 1140 psi.

..Depth Cleaned Out.....13.655'

ORD 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 12,700 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing.....**August 1**....., 19**55**.....

OIL WELL: The production during the first 24 hours was.....1584.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....60.5 deg. GOR 119.....

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 shale. 13,454' (-9536')	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 shale. 6616' (-2696')	T. Wolfcamp lime 9620' (-5700')	T. Morrison.....
T. Drinkard silt 7408' (-3488')	T. Atoka sand 11,699' (-7776')	T. Penn.....
T. Tubbs.....	T. Woodford shale 13,366' (-9446')	
T. Abo shale 8098' (-4178')	T.	T.
T. Penn lime 10,412' (-6492')	T.	T.
T. Miss lime 12,620' (-8700')	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12500	12500	No samples taken	DST # 2:	13,465'	- 13,571' (106' Devonian dolomite) w/2000' WB.	Test open 2 hours
12500	12540	40	Lime	thru 5/8" BG & 1" TC on 4" DS.			Fluid to surface 35 minutes. Oil to surface 45 minutes.
12540	12580	40	Lime & Shale	Cleaned to pits for 15 minutes then flowed to tanks.			Flowed at rate of 111 bbls./hour for 1 hour. Recovered out 102 bbls. to tanks & remainder to pits. FHP 2655 - 4545 psi.
12580	12600	20	Shale	35 minutes SIBP 5400 psi. NME 6345 - 6305 psi.			<u>Negative Test.</u> (Johnston)
12600	12680	80	Lime & Shale				
12680	13350	670	Lime	DST # 3:	13,570'	- 13,700' (130' Devonian dolomite) w/2000' WB.	Test open 2 hours
13350	13370	20	Lime & Shale	thru 5/8" BG & 1" TC on 4" DS.			Fluid to surface in 1 hour. Cleaned to pits 20 minutes. Flowed at rate of 70 bbls./hour for 30 minutes. Recovered out 115 bbls. to tanks & remainder to pits. FHP 2105 - 4500 psi.
13370	13440	70	Shale	30 minutes SIBP 5265 psi. NME 6480 - 6400 psi.			<u>Negative Test.</u> (Johnston)
13440	13470	30	Shale & Dolomite				
13470	13700	230	Dolomite				
	TD	13700					
DST # 1:	10,194'	- 10,424'	(230' Wolfcamp lime).				
Test open 1 hour thru 1" BG & 1" TC on 3 1/2" DS.			Immediate fair air blow - continuing throughout test. NOME. Recovered 400' slightly gas cut mud. FHP 125 - 215 psi. 30 minutes SIBP 660 psi. NME 4600 - 4545 psi.				<u>Positive Test.</u> (Halliburton)

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

August 2, 1955 (Date)
Address. Box 1937, Hobbs, New Mexico
Position or Title. Division Exploitation Engineer