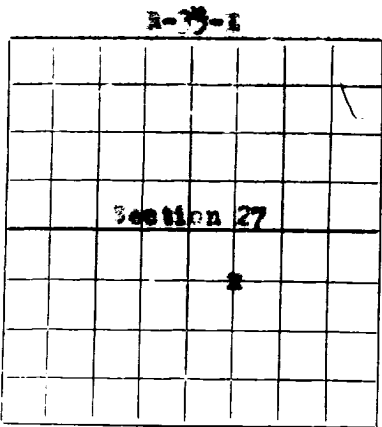




AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

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.

Well No. 1 in SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 27, T. 19-S, R. 35-E, NMPM.
UNDESIGNATED Pool, Lee County.
Well is 1980 feet from south line and 1000 feet from east line of Section 27. If State Land the Oil and Gas Lease No. is -.
Drilling Commenced December 11, 1956. Drilling was Completed January 3, 1957.
Name of Drilling Contractor Makin Drilling Company
Address Box 1628, Hobbs, New Mexico
Elevation above sea level at Top of Tubing Head 7714. The information given is to be kept confidential until not confidential, 19-.

OIL SANDS OR ZONES

No. 1, from 4882 to 4890. 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
8 5/8"	32.1	new	2671				
5 1/2"	15.51	new	40251			48821 - 49001	Surface string 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
12 1/4"	8 5/8"	780	350	Pump & plug		
7 3/4"	5 1/2"	4916	900	Pump & plug	Cemented to surface	

RECORD OF PRODUCTION AND STIMULATION

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

Treated down casing thru perforations w/10,000 gallons water based lease crude containing 1% sand/gallon & 1/200 fluid-loss additive.

Result of Production Stimulation. On GPT swabbed 252 MOP & 15' POC. (Based on 192 BO in 1 hour)

Depth Cleaned Out 4000'

REPORT 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 4216 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 17 19 57

OIL WELL: The production during the first 24 hours was 302 barrels of liquid of which 85 % was oil; % was emulsion; 12 % water; and 3 % was sediment. A.P.I. Gravity 35 deg. A.P.I.

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	T. Ojo Alamo
T. Salt 3250' (+475')	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 3411' (+300')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 3914' (+145')	T. McKee	T. Menefee
T. Queen 4311' (+256')	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T. Lunice Latham 4130' (+356')	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
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	4600	4600	No samples taken				
4600	4650	250	Dolomite				
4650	4900	250	Dolomite				
	TD	1900					
Log # 1: 4705' - 4800' (25' Queen sand & dolomite). Tool open 2 1/2 hours thru 5/8" BG & 1" TC on 3 1/2" BG. Clear air blow immediately dying after 55 minutes. BHTS. Slight air blow dying immediately as shut in tool was closed. Recovered 75' (0.2 bbls.) SOGCM above shut in tool; 30' (0.2 bbls.) mud cut oil (est. 10% oil) & 70' (0.2 bbls.) SOGCM (est. 10% oil). Recovery titrated 30,000 ppmCl⁻. Fit and titrated 260,000 ppmCl⁻. 20 minutes PSIMP 990 psi. BHT 220 - 1770 psi (tool plugged, complete build-up in 45 minutes). 60 minutes PSIMP 610 psi. BHT 2625 psi - 2650 psi. BHT 106 deg. F. Inconclusive Test. (Johnston). Log # 2: 4705' - 4800' (27' Queen sand & dolomite). Tool open 2 hours thru 5/8" BG & 1" TC on 3 1/2" BG. Immediate weak blow increasing to moderate in 1 hr. & lasting throughout test. BHTS 45 minutes. BHT. Recovered 105' (0.7 bbls.) SOGCM (est. 50% oil) & 85' (0.6 bbls.) SOGCM (est. 5% oil). Recovery titrated 250,000 ppmCl⁻. Fit and titrated 250,000 ppmCl⁻. BHT 115 - 190 psi. 20 minutes PSIMP 610 psi. BHT 2665 psi. BHT 100 deg. F. Conclusive Test. (Johnston) Log # 3: 4916' - 4916' (100' Purroco sand & dolomite). Tool open 2 hours thru 5/8" BG & 1" TC on 3 1/2" BG. Immediate weak blow increasing to moderate in 15 minutes & remaining throughout test. BHT 1 hr. 45 min. BHT. Recovered 100' (0.7 bbls.) SOGCM (est. 10% oil) & 715' (4.9 bbls.) SOGCM (est. 60% oil). Fit & recovery mud titrated 250,000 ppmCl⁻. BHT 125 - 320 psi. 60 minutes PSIMP 1580 psi. BHT 2765 - 2740 psi. Positive Test. (Johnston).							

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.

January 17, 1957

(Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name B. Nevill Original signed by

Position or Title Division Exploitation Engineer

B. Nevill