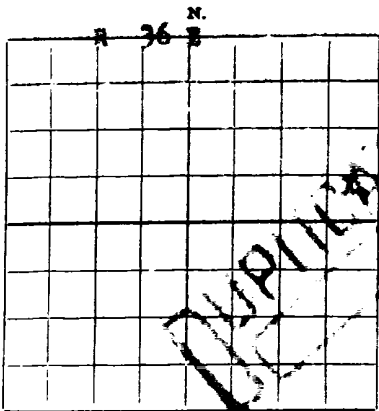




AREA 640 ACRES
LOCATE WELL CORRECTLY

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 QUINTUPPLICATE.

Well No. 4, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 21, T. 22S, R. 36E, NMPM.
Pool, South Tunice Pool, Las County.
Well is 1980 feet from north line and 370 feet from east line
of Section 21. If State Land the Oil and Gas Lease No. is .
Drilling Commenced October 12, 19 54 Drilling was Completed October 27, 19 54.
Name of Drilling Contractor Gackle Drilling Company
Address Hobbs, New Mexico
Elevation above sea level at Top of Tubing Head 3516. The information given is to be kept confidential until
Not confidential, 19 .

OIL SANDS OR ZONES

No. 1, from 3723' to 3832' 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
<u>8-5/8"</u>	<u>32#</u>	<u>New</u>	<u>289.37</u>				<u>Surface String</u>
<u>5-1/2"</u>	<u>15.5</u>	<u>New</u>	<u>3865.20</u>	<u>Larkin</u>		<u>3723'-3832'</u>	<u>Oil String</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8-5/8"</u>	<u>300.72</u>	<u>300</u>	<u>Pump & Plug</u>	<u> </u>	<u> </u>
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>3876</u>	<u>750</u>	<u>Pump & Plug</u>	<u> </u>	<u> </u>

RECORD OF PRODUCTION AND STIMULATION

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

Treated thru casing perforations 3723'-3832' with 15,000 gallons Powell Sandfrac
containing 1# sand/gallon.

Result of Production Stimulation On GPT flowed at the rate of 1200 BOPD, cut 0.1# BS & V (based on
rate of 50 BOPD in 1 hour) thru 46/64" choke. FTP 250 psi. Gravity 32.6 deg. COR 63%.

Depth Cleaned Out

REPORT OF DRILL-LOG AND SPECIAL TEST

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOL LOG

Rotary tools were used from 0 feet to 3876 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 7, 1954

OIL WELL: The production during the first 24 hours was 1200 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

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	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.	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	720	720	Red Beds				
720	1500	780	Red Beds & Anhydrite				
1500	3035	1535	Anhydrite				
3035	3226	191	Anhydrite & Dolomite				
3226	3876	650	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.

November 8, 1954

(Date)

Company or Operator Shell Oil Company
Original signed by B. Nevill
Name B. Nevill

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

Attachment for G105

Shell Oil Company
Christmas 4
South Eunice

DST #1: 318'-332 1/2' (140' Yates Sand). Tool open 2 hours thru 1" TC and 1" RC on 4" DP. Immediate weak blow of air. Gas to surface in 90 minutes. Moderate blow thru out test. Recovered 240' (1.25 bbls) fluid, being 210' (1 bbl.) gas cut drilling mud + 30' (0.25 bbl.) salt water cut mud filtrate 191,000 ppm Cl-. Pit mud filtrate titrated 175,757 ppm Cl-. BME 1860 - 1795 psi. FBHP 70 - 105 psi. 30 minute SIMHP 275 psi. Positive Test.

DST #2: 3320'-3470' (150' Yates Sand). Tool open 2 hours thru 1" TC and 1" RC on 4" DP. Immediate strong blow of air. Gas to surface in 3 minutes. Mud to surface in 9 minutes. Flowed at the rate of 2.6 MMCFPD. No fluid recovery. BME 1885 - 1855 psi. FBHP 395 - 330 psi. 30 minute SIMHP 105 psi. Positive Test.