

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.

AREA 940 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

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(Lease)

Well No. 5, in 104 15 $\frac{1}{4}$ of 1 $\frac{1}{4}$, of Sec. 1, T. 22-N, R. 35-E, NMPM.

_____ Pool, _____ Loc. _____ County.

Well is 3300 feet from south line and 1900 feet from east line

of Section.....1..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced August 23, 1950 Drilling was Completed September 3, 1950

Name of Drilling Contractor..... **Telma Petroleum Company**

Address..... Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head..... 2197..... The information given is to be kept confidential until not confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 3770 to 1415 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 ^{1/2}	new	207 ¹				surface string
5 1/2"	15.5 ^{1/2}	new	385 ¹				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
11"	8 5/8"	300'	200	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	3892'	750	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

(See Attachment)

Result of Production Stimulation.....(See Attachment)

.....Depth Cleaned Out.....

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 3990 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 12, 1954
OIL WELL: The production during the first 24 hours was 175 barrels of liquid of which 99.9% was oil; % was emulsion; % water; and 0.1% was sediment. A.P.I. Gravity 35.4 deg.
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. Gorieta			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	3000	3000	No samples taken				
3000	3280	280	Anhydrite				
3280	3406	126	Anhydrite & Dolomite				
3406	3990	484	Dolomite & sand				
	TD	3990					

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.

September 17, 1954 (Date)
Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico
Name B. Nevill Original signed by Division Exploitation Engineer
B. Nevill Position or Title

DST # 1: 3770' - 3890' (120' Seven Rivers dolomite & sand).
Tool open 2 hours thru 1" TC & 5/8" BC on 4 1/2" DS.
Immediate strong blow. GTS in 58 minutes. Recovered
400' (2 bbls.) GCM w/rainbow of oil. FBHP 150 - 225 psi.
30 minutes SIBHP 625 psi. HMH 2250 psi.
Positive Test.

RECORD OF PRODUCTION & STIMULATION

Treated thru perforations 3866' - 3882' w/3000 gallons Sandfrac
containing 1 1/2# sand/gallon.

Results: In 7 hours swabbed & flowed 38.34 BF, cut 75% water.

Treated formation thru perforations 3770' - 3815' w/10,000 gallons
Sandfrac containing 1 1/2# sand/gallon.

Results: On 24 hour OPT flowed 175 BOPD, cut 0.1% BS, no water,
thru 14/64" choke. FTP 660 psi. CP packer. Gravity 35.4 deg.
GOR 1926.

4-254

1. *Chlorophyll a* (Chl *a*)

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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