

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sunray Mid-Continent Oil Company
(Company or Operator)

New Mexico State "B"
(Lease)

Well No. 4, in NW 1/4 of SW 1/4, of Sec. 16, T. 12-S, R. 32-E, NMPM.

Caprock Queen Pool, Lea County.

Well is 990 feet from West line and 1650 feet from South line

of Section 16. If State Land the Oil and Gas Lease No. is 6927.

Drilling Commenced 7-1, 1955. Drilling was Completed 7-28, 1955.

Name of Drilling Contractor Cactus Drilling Company

Address San Angelo

Elevation above sea level at Top of Tubing Head 4380. The information given is to be kept confidential until Can be released, 19.

OIL SANDS OR ZONES

No. 1, from 3000 to 3018 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
13 3/8	36#	New	160'	Tex. Patt.			Surface casing
8 5/8	24#	Used	1420'	Tex. Patt.	1420'		Temporary casing
5 1/2	14#	New	3002'	Larkin			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
17 1/2	13 3/8	165.50	175	Pump and Plug	Native	
11	8 5/8	1420	No	Pump	Oil Emulsion	60 sacks Aquagel
8	5 1/2	3002	175	Pump and Plug	No	No

RECORD OF PRODUCTION AND STIMULATION

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

Sand oil fraced open hole section 3002' - 3025' with 10,000 gallons refined oil and 15,000 pounds sand. Injection rate 35 BPM at 2250 psi down casing. Sand frac job during completion.

Result of Production Stimulation

Depth Cleaned Out

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 1420 feet, and from feet to feet.
Cable tools were used from 1420 feet to 3025 feet, and from feet to feet.

PRODUCTION

Put to Producing 8-3, 19 55.
OIL WELL: The production during the first 24 hours was 63 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 41 @ 60°
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.	1410	T. Devonian	T. Ojo Alamo
T. Salt	1555	T. Silurian	T. Kirtland-Fruitland
B. Salt	2255	T. Montoya	T. Farmington
T. Yates		T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen	3000	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	100	100	Surface soil and caliche				
100	1410	1310	Red Bed				
1410	1555	145	Anhydrite				
1555	2110	555	Salt & Potash				
2110	2155	45	Salt, Shale & Anhydrite				
2155	2255	100	Anhydrite, Shale & Salt				
2255	2345	90	Sandy shale				
2345	2420	75	Shale and Anhydrite				
2420	2686	260	Anhydrite				
2686	2740	54	Anhydrite and Lime				
2740	2890	150	Anhydrite and Shale				
2890	2950	60	Anhydrite and Salt				
2950	2975	25	Anhydrite and Shale				
2975	3000	25	Dolomite				
3000	3018	18	Queen Sand				
3018	3025	7	Red Sandy Shale				

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.

August 4, 1955

(Date)

Company or Operator, Sunray Mid-Continent Oil Company Address, Box 128, Hobbs, New Mexico

Name, J. A. Parys Position or Title, Hobbs Area Superintendent