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Form 10-60
(Rev. 1-1-60)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

16
0

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 If State Land submit 6 Copies

SOUTHERN UNION PRODUCTION COMPANY
(Company or Operator)

STATE
(Lease)

Well No. 2-16, in SE 1/4 of SW 1/4, of Sec. 16, T. 28N, R. 9W, 10MPM.

BASIN DAKOTA Pool, SAN JUAN County.

Well is 800 feet from SOUTH line and 1695 feet from WEST line of Section 16. If State Land the Oil and Gas Lease No. is B-11017-35

Drilling Commenced 12 - 8 - 1963 Drilling was Completed 12 - 31 - 1963

Name of Drilling Contractor NYE DRILLING COMPANY

Address DENVER, COLORADO

Elevation above sea level at Top of Tubing Head 6273 The information given is to be kept confidential to the operator, 19.

OIL SANDS OR TONES

No. 1, from 6880 to 6962 No. 2, from 6990 to 7066 No. 3, from

WATER SANDS OR TONES

Include data on rate of water inflow and water level to which water was raised

No. 1, from feet No. 2, from feet No. 3, from feet No. 4, from feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	WELL AT BASE	COY. AND FILLED FROM	PERFORATIONS	PURPOSE
8 5/8"	24.0#	USED	294	BELL JT.	NONE	NONE	SURFACE
4 1/2"	10.5#	NEW	7125	BAKER	NONE	6880-7066	PRODUCTION
1 1/2"	2.90#	NEW	6943				TUBING

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WATER SET	CU. BACK OF CEMENT	MUDDING METHOD	MUD GRAVITY	AMOUNT OF MUD USED
8 5/8"	24.0	307	250 BX	PUMP		
4 1/2"	10.5	7148	1700 CU. FT.	PUMP PLUG		

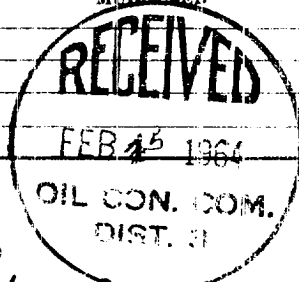
METHOD OF PRODUCTION AND STIMULATION

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

SAND-WATER-CO2 FRAC W/77,000# SAND, 102,880 GALS. WATER W/280 BCF. CO2/BBL. SPEARHEAD FRAC W/1750 GALS. 15% REGULAR ACID.

Result of Production Stimulation Q=3487 MCFPD. CACF=4941 MCFPD SITP=1846 PSI SIOP=1344 PSI FLOWING TP=290 PSI FLOWING CP=1121 PSI

Depth Cleaned Out 7121



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 SURFACE feet to 7148 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 19

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

GAS WELL: The production during the first 24 hours was 3487 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 1846 lbs.

Length of Time Shut in 11 DAYS

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy.
T. Salt.
B. Salt.
T. Yates.
T. Rivers.
T. Queen.
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

Northwestern New Mexico

T. Ojo Alamo. 1505
T. Kirtland-Fruitland. 1613
T. Farmington. 1725
T. Pictured Cliffs. 2540
T. Menefee. 4190
T. Point Lookout. 4800
T. Mancos. 5150
T. Dakota. 6878
T. Morrison.
T. Penn.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
SURF	1613	1613	WASATCH				
1613	2300	687	KIRTLAND				
2300	2540	240	FRUITLAND				
2540	2630	90	PICTURED CLIFFS				
2630	4160	1530	LEWIS				
XXX 4160	5150	990	MESA VERDE				
5150	6878	1728	MANCOS				
6878	7148	270	DAKOTA				

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.

FEBRUARY 3, 1964

Company or Operator SOUTHERN UNION PRODUCTION CO.

Address P. O. Box 808, FARMINGTON, N. MEX.

Name D. G. MAOY

Post Title PETROLEUM ENGINEER