

JAN 14 1957

ARTESIA OFFICE

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

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

(Company or Operator)

Well No. 1 in SE ¼ of SE ¼ of Sec 14 T 18-S R 26-E NMPM

Underestimated

Pool



County

Well is 990 feet from East line and 990 feet from South line

of Section 24 If State Land the Oil and Gas Lease No. is

Drilling Commenced December 8 1956 Drilling was Completed December 27 1956

Name of Drilling Contractor..... **Watson Drilling Company, Inc.**.....

Address P. O. Box 144, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head..... **3309** The information given is to be kept confidential until

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OIL SANDS OR ZONES

No. 1, from 1000 to 1007 No. 4, from 1742 to 1758

No. 2, from 1614 to 1626 No. 5, from _____ to _____

No. 3. from 1680 to 1695 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 Drilled with rotary, none tested 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	24	New	1181	Flat	None	None	Surface Casing
5 1/2	14	New	1767	Flat	None	1742-1752	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	1192	675	Pump and Plug	10 lb. per gal.	Hole full
7 7/8	5 1/2	1777	150	Pump and Plug	9.8 lb. per gal.	Hole full

RECORD OF PRODUCTION AND STIMULATION

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

Acid washed perforated interval with 500 gallons of mud acid and fractured with

10,000 gallons of creosote and 15,000 pounds of sand.

Result of Production Stimulation... Flow 128 barrels oil, no water, 24 hours, 16/64 choke, TP 90 psi,

ap 480 psi.

...Depth Cleaned Out....1772

7 WORD 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 Surface feet to 1770 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing December 27, 19 56

OIL WELL: The production during the first 24 hours was 525 barrels of liquid of which 99.8 % was
was oil; _____ % was emulsion; _____ % water; and 0.2 % 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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres 1036
T. Glorieta _____
T. Drinkard _____
T. Tubbs _____
T. Abo _____
T. Penn _____
T. Miss _____

T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Farmington _____
T. Pictured Cliffs _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Dakota _____
T. Morrison _____
T. Penn _____
T. _____
T. _____
T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
<u>-0-</u>	<u>10</u>	<u>10</u>	<u>Kelly drive to ground level</u>				
<u>10</u>	<u>245</u>	<u>235</u>	<u>Gravel and sand</u>				
<u>245</u>	<u>780</u>	<u>535</u>	<u>Sand and dolomite</u>				
<u>780</u>	<u>1048</u>	<u>268</u>	<u>Dolomite and anhydrite</u>				
<u>1048</u>	<u>1150</u>	<u>102</u>	<u>Dolomite</u>				
<u>1150</u>	<u>1644</u>	<u>194</u>	<u>Dolomite and anhydrite</u>				
<u>1644</u>	<u>1770</u>	<u>126</u>	<u>Dolomite</u>				

OIL CONSERVATION COMMISSION
ARTIFICIAL LIFT OFFICE
C. G. P. 1 5
LIFTED TO
Operator _____
Contractor _____
Engineer _____
District Engineer _____
NMB of Mine 1 ✓

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.

Company or Operator STANDARD OIL COMPANY OF TEXAS Address Bin B, Royalty, Texas
Name J. M. McManis Position or Title District Engineer
Date January 10, 1957