



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

WELL RECORD

NOV 17 1960

O. C. O.

ARTESIA, NEW MEXICO

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

R. Q. Silverthorne

Superior - State

(Company or Operator)

(Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 12, T. 17S, R. 28E, NMPM.

East Red Lake Queen *Wading* Pool, Eddy County.

Well is 660 feet from North line and 660 feet from West line

of Section 12. If State Land the Oil and Gas Lease No. is E 7254

Drilling Commenced October 11, 1960. Drilling was Completed October 22, 1960

Name of Drilling Contractor Kinsaid & Watson Drilling Co.

Address 207 South 4th Street - Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3610. The information given is to be kept confidential until February 1, 1961

OIL SANDS OR ZONES

No. 1, from 1632 to 1648. 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 86 to 93 feet. HFW  
 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	28	Used	350	Denton	-0-	-0-	Surface
5 1/2	14	Used	1681	Denton	-0-	1632-48	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	350	50	Denton	-	-
8	5 1/2	1681	100	Denton	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Perforated Casing 1632-48 4 shots/ foot

Fractured with 20,000 gals. Petrogel with 50,000 lbs 20/40 sand

Result of Production Stimulation Production was increased from 1/8 BOPT to 50 BOPT

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

**PRODUCTION**

Put to Producing.....**October 27**....., 19**60**.....  
**OIL WELL:** The production during the first 24 hours was.....**50**.....barrels of liquid of which.....**100**.....% was oil;.....**0**.....% was emulsion;.....**0**.....% water; and.....**0**.....% was sediment. A.P.I. Gravity.....**33**.....  
**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..... <b>620</b>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers..... <b>863</b>	T. McKee.....	T. Menefee.....	
T. Queen..... <b>1390</b>	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	86	86	Gyp and Sand	1560	1595	35	Anhydrite & Red Shale
86	93	7	Gravel	1595	1606	11	Anhydrite
93	105	12	Gyp and Red Rock	1606	1617	11	Sand and Anhydrite
105	140	35	Shale and Shells	1617	1625	8	Sand and Lime
140	160	20	Anhydrite and Red Beds	1625	1632	7	Sandy Lime
160	230	70	Red Bed and Gyp	1632	1648	16	Sand
230	240	10	Red Bed	1648	1658	10	Broken Anhydrite
240	465	25	Salt	1658	1681	23	Anhydrite
465	680	215	Anhydrite				
680	720	40	Anhydrite & Red Rock				
720	770	50	Broken Anhydrite				
770	795	25	Anhydrite & Red Beds				
795	805	10	Lime and Anhydrite				
805	920	15	Anhydrite				
920	945	25	Anhydrite & Sand				
945	1135	190	Anhydrite				
1135	1175	40	Broken Anhydrite				
1175	1215	40	Anhydrite & Red Rock				
1215	1405	190	Anhydrite				
1405	1410	5	Blue Shale & Red Sandy Shale				
1410	1429	19	Shaly Sand & Anhydrite				
1429	1530	101	Anhydrite				
1530	1560	30	Broken Anhydrite				

OIL & GAS OPERATIONS DIVISION  
 APACHE DISTRICT OFFICE

11-16-60

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BUREAU OF MINES

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.

*W. G. McCoy* **11-16-60**  
 (Date)

Company or Operator.....**R. Q. Silverthorne**..... Address.....**421 Hinkle Bldg., Roswell, N. Mexico**.....  
 Name.....**W. G. McCoy**..... Position or Title.....**Agent**.....