

Santa Fe, New Mexico

NO 31 120

Form C-101 was

E. Q. Silverthorne
(Company or Operator)

Leonard

Well No. 2, in NW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 1, T. 17S, R. 29E, NMPM.
East Red Lake Queen-Undesignated Pool, Eddy County.

Well is 653.48 feet from West line and 1980.8 feet from South line
of Section 1-17-28 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 11-15-60 19..... Drilling was Completed 12-2-60 19.....

Name of Drilling Contractor.....Kincaid & Watson Drilling Company

Address Box 493, Artesia, New Mexico

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

No. 1, from 1631 to 1639 light oil No. 4, from to

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 60 to 68 feet.

No. 1, from 60 to 68 feet.

No. 2, from 1395 to 1400 feet.

No. 3, from to feet.

No. 4, from to feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	40	Used	72'	Reg.	All		Caving
8 5/8"	24	Used	325'	Reg.	None		Surface
7"		Used	1443'		All		Water

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

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

Plurced and abandoned

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.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....0.....feet to.....1666.....feet, and from.....feet to.....feet.

Plugged and abandoned **PRODUCTION** 12-6-60

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was
was oil;% was emulsion;% water; and.....% 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			Northwestern New Mexico		
T. Anhy.....			T. Devonian.....		T. Ojo Alamo.....
T. Salt.....	220		T. Silurian.....		T. Kirtland-Fruitland.....
B. Salt.....	445		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. 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	70	70	Gyp				
70	75	5	Sand				
75	100	25	Gyp				
100	170	70	Red bed & gyp shells				
170	220	50	Red bed & salt stringers				
220	445	225	Salt				
445	605	160	Anhydrite				
605	610	5	Red rock				
610	660	50	Sandy shale				
660	700	40	Broken anhydrite				
700	735	35	Anhydrite & redrock				
735	840	105	Anhydrite				
840	870	30	Gyp & anhydrite				
870	919	49	Sandy anhydrite				
919	935	16	Brown lime				
935	1387	452	Anhydrite				
1387	1400	13	Red sand				
1400	1525	125	Anhydrite				
1525	1570	45	Lime, anhy & red shale				
1570	1603	33	Anhydrite				
1603	1639	36	Sand & anhydrite				
1639	1647	8	Red sand				
1647	1666	19	Sand & anhydrite				
1666	T.D.						

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

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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 **R. Q. Silverthorne** Address **Box 498, Artesia, New Mexico**
Name *Nancy King* Position Title **Agent**