

Santa Fe, New Mexico

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LAND OFFICE		1
TRANSPORTER	OIL GAS	
PROGNATION OFFICE		
OPERATOR		

A blank 10x10 grid with a small 'x' in the bottom-left corner.

AREA 640 ACRES
LOCATE WELL CORRECTLY

R. Q. Silverthorne

(Company or Operator)

Leonard

(L-22)

Well No. 1, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 1, T. 17 South, R. 28 East, NMPM.

East Red Lake Queen Pool, Eddy County.

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

of Section 1-17-28..... If State Land the Oil and Gas Lease No. is Free.....

Drilling Commenced.....11-11-60....., 19..... Drilling was Completed.....11-26-60..... Re-entered 7-11-63.....

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

Address.....P.O. Box 498, Artesia, New Mexico.....

Elevation above sea level at Top of Tubing Head.....3578..... The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 1622 to 1637 No. 4, from _____ to _____

No. 2, from to No. 3, 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. 2153

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	Used	325	Reg.	None		Surface
5 1/2"	15	New	1679	Float	None	1622-28 1631-37	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"	325	50	Denton		
6	5 1/2"	1679	100	Denton		

RECORD OF PRODUCTION AND STIMULATION

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

We re-entered this well, cleaned out to 1679'. We treated with 22,000 gallons lease oil and 50,000 lbs. 20-40 sand. Before treatment we had a slight show. After treatment well will make approximately 40 B.O.P.D. Flowing

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 1679 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 7-31, 1963
OIL WELL: The production during the first 24 hours was 40 barrels of liquid of which 100% 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.	215		T. Silurian		T. Kirtland-Fruitland
B. Salt.	460		T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	1622		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	65	65	Caliche & gravel				
65	75	10	Anhydrite & gravel				
75	115	40	Red bed				
115	170	55	Red shale				
170	215	45	Anhydrite & red bed				
215	285	70	Salt				
285	293	8	Anhydrite				
293	460	167	Salt				
460	625	165	Anhydrite				
625	820	195	Anhydrite & red rock				
820	1166	346	Anhydrite				
1166	1190	24	Sand				
1190	1383	193	Anhydrite				
1383	1400	17	Sand				
1400	1409	9	Anhydrite & red sand				
1409	1525	116	Anhydrite				
1525	1545	20	Lime				
1545	1559	14	Anhydrite & red shale				
1559	1595	36	Lime & anhydrite				
1595	1655	60	Sand & anhydrite				
1655	1679	24	Anhydrite				
1679	T.D.						

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 Mary King Position or Title Agent
8-2-63 (Date)