

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Ralph Lowe

Midland, Texas

Company or Operator **E. F. King** Well No. **1** in **SW NW** of Sec. **4**, T. **23-S**, R. **37-E**
Lease **Penrose-Skelly** Field, **Lea** County.
N. M. P. M. **North** **South** **East** **West**
Well is **330** feet **North** of the **North** line and **660** feet **West** of the **West** line of **Sec. 4, 23-S, 37-E**.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **E. F. King**, Address **Elmice, N. M.**
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling commenced **Nov. 14,** 19 **48** Drilling was completed **Jan. 19,** 19 **49**
Name of drilling contractor **Self**, Address _____
Elevation above sea level at top of casing **3336** feet.
The information given is to be kept confidential until **no** 19 _____

OIL SANDS OR ZONES

No. 1, from **3566** to **3687** 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 **175** to **205** feet **9 Blrs N.P.H.**
No. 2, from **790** to **810** feet _____
No. 3, from _____ to _____ feet _____
No. 4, from _____ to _____ feet _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10 3/4"	32.75#	8rd. Thd		385					
5 1/2"	14.00#	8rd. Thd		3505			2370		Two Shots-Squeeze Job.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	10 3/4"	385	150	Halliburton		
7 1/4"	5 1/2"	3505	175	Halliburton	75 sacks on bottom; cement came up to 2410'	
					Perforated csg @ 2370' & squeezed 100 sacks	
					Top of cement @ 1100'.	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters — Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4 1/2"	3 1/2"	Nitroglycerin	200 qts.	1/20/49	3560-3687	3687
Hole						

Results of shooting or chemical treatment **Increased production from 1 B.O.P.H. to 3 B.O.P.H.**

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 **3687** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **January 21,** 19 **49**
The production of the first 24 hours was **90** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, Be. **34.5**
If gas well, cu. ft. per 24 hours **no** Gallons gasoline per 1,000 cu. ft. of gas **no**
Rock pressure, lbs. per sq. in. **no**

EMPLOYEES

T. J. Reynolds, Driller **F. H. Sandwich**, Driller
M. E. Sanders, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **26th**day of **January**, 19 **49***Lillie Mae Stovall*

Notary Public

Lillie Mae StovallMy Commission expires **6-1-49**

Place _____ Date _____

Name **RALPH LOWE**Position **By: [Signature] Agent**Representing **RALPH LOWE** Company or OperatorAddress **Box 832, Midland, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	Caliche
45	105	60	Sand
105	175	70	Red bed
175	205	30	Sand
205	740	535	Red rock
740	765	25	Sand
765	780	15	Red rock
780	790	10	Anhydrite
790	810	20	Sand
810	850	40	Blue shale
850	940	90	Sandy shale
940	1173	233	Red rock
1173	1270	97	Anhydrite
1270	1350	80	Salt, anhydrite & red rock
1350	1810	460	Salt, shale & shells
1810	2180	370	Salt & potash
2180	2315	135	Salt
2315	2345	30	Anhydrite
2345	2503	158	Salt & potash
2503	2680	177	Anhydrite
2680	2790	110	Broken lime & anhydrite
2790	2980	190	Broken anhydrite
2980	3513	533	Lime
3513	3525	12	Sandy lime
3525	3538	13	Lime
3538	3547	9	Sandy lime
3547	3687	140	Lime - TOTAL DEPTH 3687