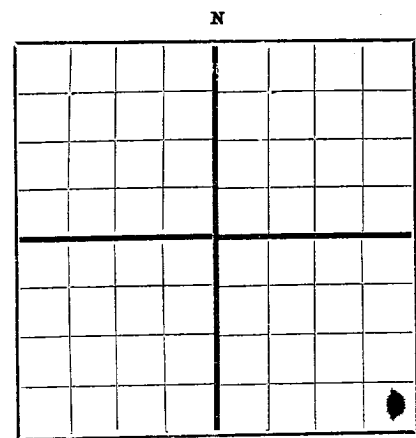




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

Malco-Reeler-Yates **Carner Building, Artesia, N.M.**
State _____ Company or Operator _____ Address _____
Well No. **101** in **SE** of Sec. **22**, T. **18S**
Lease _____
R. **288** N. M. P. M., **Artesia** Field, **164y** County.
Well is **330** feet south of the North line and **330** feet west of the East line of **Sec. 22**
If State land the oil and gas lease is No. **647** Assignment No. _____
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is **Martin Yates, Jr.**, Address _____
Drilling commenced **11/23** 19 **49** Drilling was completed **January 11** 19 **50**
Name of drilling contractor **C. I. Yates Drilling Co.**, Address _____
Elevation above sea level at top of casing **3461** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **2800** to **2890** 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 **2938** to _____ feet.
No. 2, from _____ to _____ 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	
8 5/8				667	T. R.				
7"				2800	Float Collar				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10 1/4	8 5/8	667	50	Halliburton		Done
8 1/4	7"	2800	100			50 Sack

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
		Lowell I	1500	1/13/50	2800-2890	
		Lowell I	3000	1/15/50	2800-2890	

Results of shooting or chemical treatment **Increased production from 5 gallons hour to 30 barrels daily**

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 **2938** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **January 17** 19 **50**
The production of the first 24 hours was **30** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Frank Sloan, Driller _____, Driller _____
W. F. Keith, 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 **18th** day of **January**, 19 **50**
Marie M. Casley
Notary Public
Artesia, N.M. **January 18, 1950**
Name **William C. Sloan**
Position **Secretary Operating Committee**
Representing **Malco-Reeler-Yates**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50		clitic 20 feet bed bed 3 feet
50	130		bed bed
130	275		bedrock
275	310		gravel
310	345		
345	380		bed rock
380	425		bed bed
425	460		bed rock
460	480		gravel, water & anhy.
480	505		
505	535		anhy. f. x. salt
535	565		anhy & bed rock
565	605		anhy bed. rock
605	625		anhy
625	666		anhy
666	680		anhy
680	715		anhy
715	735		anhy
735	775		anhy
775	815		anhy
815	915		anhy
915	965		broken anhy
965	1020		broken anhy
1020	1145		broken anhy
1145	1175		anhy
1175	1470		anhy
1470	1500		100% anhy
1500	1511		90% anhy 5% grey shale 5% red sand
1511	1540		95% anhy 5% grey shale
1540	1552		85% anhy 15% red sand
1552	1565		100% anhy
1565	1578		90% anhy 10% red sand
1578	1585		70% anhy, 30% red sand
1585	1605		100% anhy
1605	1620		95% anhy 5% red shale
1620	1680		100% anhy
1680	1695		70% anhy 10% red shale
1695	1705		5% buff f. x. dolo 95% anhy
1705	1715		90% anhy 10% shaly red sand
1715	1750		100% anhy
1750	1755		60% anhy 40% f. x. f. red sand.
1755	1790		100% red sand f. x. f.
1790	1795		100% anhy
1795	1804		90% buff f. x. dolo 10% anhy
1804	1831		100% anhy
1831	1845		90% anhy 10% red sand
1845	1860		100% anhy
1860	1872		10% buff f. x. dolo 90% anhy
1872	1893		100% anhy
1893	1900		5% buff f. x. dolo 95% anhy
1900	1917		20% buff f. x. dolo 75% pink sandy dolo.
1917	1925		90% buff f. x. dolo 20% anhy 3% red sand
1925	1935		95% anhy 5% red shale
1935	1945		15% pink sandy dolo 85% anhy.
1945	1973		95% anhy 5% red sand
1973	1987		40% buff sandy dolo 60% anhy
1987	2004		40% anhy 60% grey sand
2004	2017		100% anhy
2017	2033		40% anhy 20% red sand
2033	2044		60% anhy 40% grey sand
2044	2055		40% anhy 60% red sand
2055	2063		40% buff f. x. dolo 10% anhy
2063	2075		90% tan f. x. dolo 10% anhy
2075	2083		100% buff f. x. dolo.
2083	2098		100% pink sandy dolo.
2098	2113		95% buff f. x. dolo 5% red shale
2113	2148		100% buff f. x. dolo.
2148	2160		60% buff f. x. dolo. 40% buff sandy dolo.
2160	2193		100% buff oolitic dolo. no porosity
2193	2212		100% very sandy buff dolo. oil stains
2212	2250		100% buff f. x. dolo.
2250	2264		90% buff sandy dolo. 10% pink sandy dolo.
2264	2312		100% buff f. x. dolo.
2312	2330		40% buff f. x. dolo 20% light grey sand
2330	2350		100% buff f. x. dolo 90% buff sandy dolo.
2350	2369		100% buff f. x. dolo.
2369	2373		90% buff f. x. dolo 10% pink f. x. dolo.
2373	2390		buff f. x. dolo, 10%
2390	2418		70% white f. x. dolo 25% buff sandy dolo 5% red shale
2418	2447		95% buff f. x. dolo 5% red shale
2447	2463		95% pink sandy dolo 5% red shale
2463	2475		90% pink f. x. dolo 10% grey sand
2475	2495		100% pink sandy dolo.
2495	2511		40% pink sandy dolo 20% buff f. x. dolo.
2511	2543		100% buff f. x. dolo - - can sandres
2543	2575		100% white f. x. dolo
2575	2597		100% white f. x. dolo.
2597	2612		100% buff f. x. dolo.
2612	2635		95% tan f. x. dolo 2% grey sand
2635	2636		95% tan f. x. dolo 2% blk shale
2636	2648		100% tan coarsely l. dolo.
2648	2661		tan f. x. dolo 95%, 5% grey sand
2661	2725		100% buff f. x. dolo.
2725	2740		95% buff f. x. dolo 5% grey shale
2740	2757		100% buff f. x. dolo 5% grey shale
2757	2756		100% buff oolitic dolo 20% seems to have fair oil stain
2756	2775		100% tan f. x. dolo few pieces have porosity
2775	2785		100% buff f. x. dolo 10% oolitic. No porosity
2785	2800		100% buff oolitic dolo No porosity
2800	2815		100% buff f. x. dolo.
2815	2824		100% buff oolitic dolo. no staining
2824	2836		100% buff f. x. dolo.
2836	2852		100% buff oolitic dolo 10% has porosity & oil stain
2852	2872		100% buff f. x. dolo.
2872	2885		100% buff f. x. dolo.
2885	2894		100% buff oolitic dolo. about 1% has porosity
2894	2901		100% buff f. x. dolo.
2901	2913		100% buff slightly oolitic dolo.
2913	2924		buff oolitic dolo 100%, poor porosity
2924			100% buff slightly oolitic dolo.
			buff very oolitic dolo 100%, good porosity.
			made 1 bailer water per hour