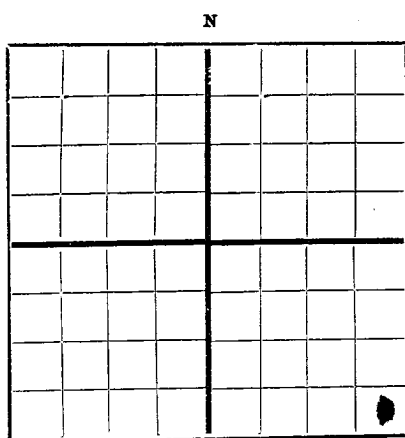


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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-Ressler-Yates **Carper Building, Artesia, N.M.**
Company or Operator Address
State Well No. 101 in SE 1/4 of Sec. 22, T. 19S
Lease R. 28E N. M. P. M., Artesia Field, Tedy County.
Well is 440 feet south of the North line and 330 feet west of the East line of 22 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 1949 Drilling was completed January 11 1950
Name of drilling contractor **F. Yates Drilling Co.**, Address.
Elevation above sea level at top of casing 3561 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. W.				
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		none
8 1/4	7"	2800	100	"		50 Sax

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 X	1500	1/13/50	2800-2890	
		Lowell X	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 1950
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
F. F. Keit 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, 1950

Mario M. Early
Notary Public

Artesia, N.M.

Place

Name

Position

Representing

January 18, 1950

Date

Name

Position

Representing

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50		Cliche 20 feet Red Red 30 feet
50	130		Red Bed
130	275		Bedrock
275	310		Gravel
310	345		
345	380		Red rock
380	425		Red Bed
425	460		Red Rock
460	480		Gravel, Water & Anhy.
480	505		
505	535		Anhy. B. S. Salt
535	565		Anhy & Red Rock
565	595		Anhy Red. Rock
595	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	1010		Broken Anhy
1010	1145		Broken Anhy
1145	1175		Anhy
1175	1470		Anhy
1470	1500		100% Anhy
1500	1511	11	90% Anhy 5% grey shale 5% red sand
1511	1540	40	95% Anhy 5% Grey shale
1540	1552	52	85% Anhy 15% red sand
1552	1565	65	100% Anhy
1565	1578	78	90% Anhy 10% red sand
1578	1585	85	70% anhy. 30% red sand
1585	1605	95	100% Anhy
1605	1622	22	95% Anhy 5% red shale
1622	1680	80	100% Anhy
1680	1595	95	90% Anhy 10% red shale
1595	1705	95	5% buff f. x. dolo 95% anhy
1705	1715	15	90% Anhy 10% Chaly red sand
1715	1750	50	100% Anhy
1750	1765	65	60% Anhy 40% f. x. d. red sand.
1765	1790	90	100% red sand f. x. d.
1790	1795	95	100% Anhy
1795	1804	94	90% buff f. x. dolo 10% anhy
1804	1831	31	100% Anhy
1831	1845	45	90% Anhy 10% red sand
1845	1860	60	100% Anhy
1860	1872	72	10% buff f. x. dolo 90% anhy
1872	1893	93	100% Anhy
1893	1900	90	5% buff f. x. dolo 95% anhy
1900	1907	97	20% buff f. x. dolo 75% pink sandy dolo.
1907	1925	25	80% buff f. x. dolo 20% Anhy 30% red sand
1925	1935	35	95% anhy 5% red shale
1935	1945	45	15% pink sandy dolo 85% Anhy.
1945	1973	73	95% anhy 5% red sand
1973	1987	77	40% buff sandy dolo 60% anhy
1987	2004	94	40% Anhy 60% grey sand
2004	2018	18	10% Anhy
2018	2033	33	80% Anhy 20% red sand
2033	2044	44	60% Anhy 40% grey sand
2044	2055	55	40% Anhy 60% red sand
2055	2063	63	90% buff f. x. dolo 10% anhy
2063	2075	75	90% tan f. x. dolo 10% anhy
2075	2083	83	100% buff f. x. dolo.
2083	2098	98	100% pink sandy dolo.
2098	2113	13	95% buff f. x. dolo 5% red shale
2113	2148	48	100% buff f. x. dolo.
2148	2160	60	60% buff f. x. dolo. 40% buff sandy dolo.
2160	2193	93	100% buff oolitic dolo. no porosity
2193	2212	12	100% very sandy buff dolo. oil stains
2212	2250	50	100% buff f. x. dolo.
2250	2264	64	90% buff sandy dolo. 10% pink sandy dolo.
2264	2289	89	100% buff f. x. dolo.
2289	2312	12	80% buff f. x. dolo 20% tight grey sand
2312	2330	30	10% buff f. x. dolo 90% buff sandy dolo.
2330	2350	50	100% buff f. x. dolo.
2350	2369	69	90% buff f. x. dolo 10% pink f. x. dolo.
2369	2375	75	buff f. x. dolo, 10%
2375	2390	90	70% white f. x. dolo 25% buff sandy dolo 5% red shale
2390	2418	18	95% buff f. x. dolo 5% red shale
2418	2447	47	95% pink sandy dolo 5% red shale
2447	2463	63	90% pink f. x. dolo 10% grey sand
2463	2475	75	100% pink sandy dolo.
2475	2495	95	80% pink sandy dolo 20% buff f. x. dolo.
2495	2511	11	100% buff f. x. dolo - - - san andres
2511	2543	43	100% white f. x. dolo
2543	2575	75	100% white f. x. dolo.
2575	2597	97	100% buff f. x. dolo.
2597	2612	12	98% tan f. x. dolo 2% grey sand
2612	2625	25	98% tan f. x. dolo 2% blk shale
2625	2636	36	100% tan coarsely X. dolo.
2636	2648	48	Tan f. x. dolo 95%, 5% grey sand
2648	2661	61	100% buff m. s. dolo.
2661	2725	90	95% buff f. x. dolo 5% grey shale
2725	2740	40	H. L. C 2690-2725
2740	2750	50	95% buff f. x. dolo 5% grey shale
2750	2756	56	100% buff oolitic dolo 20% seems to have fair oil stain
2756	2775	75	100% tan m. s. dolo few pieces have porosity
2775	2785	85	100% buff f. x. dolo 10% oolitic. No porosity
2785	2800	90	100% buff oolitic dolo No porosity
2800	2815	15	100% buff f. x. dolo.
2815	2824	24	100% buff oolitic dolo. no staining
2824	2836	36	100% buff f. x. dolo.
2836	2852	52	100% buff oolitic dolo 10% has porosity & oil stain
2852	2872	72	100% buff f. x. dolo.
2872	2885	85	100% buff oolitic dolo. About 10% has porosity
2885	2894	94	100% buff f. x. dolo.
2894	2901	91	100% buff slightly oolitic dolo.
2901	2913	13	buff oolitic dolo 100%, poor porosity
2913	2924	24	100% buff slightly oolitic dolo.
2924		30	buff very oolitic dolo 100%, good porosity. Made 1 bailer water per hour