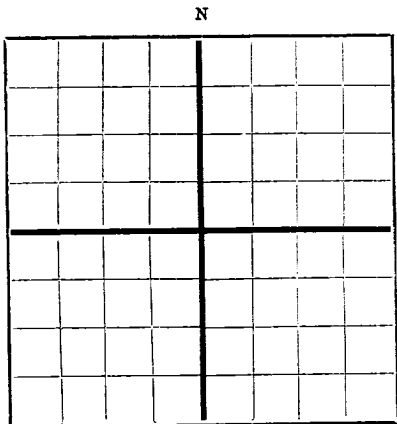




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

Valco-Lesler-Yates 316 Garner Building, Artesia, N. M.
Company or Operator Address
State Well No. 83 in T. 18 S. 33 of Sec. 33, T. 18
Lease
R. 28, N. M. P. M. Artesia Field, Eddy County.
Well is 1650 feet south of the North line and 990 feet west of the East line of Sec. 33
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 Artesia, N. M.
Drilling commenced March 7 1948 Drilling was completed May 30 1948
Name of drilling contractor S. P. Yates Address Artesia, N. M.
Elevation above sea level at top of casing 3526 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2709 to 2820 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 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	
7"	20	8 rd.		2614'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	7"	2614	100	Halliburton		

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
			1000 gal.	5/15/48	2470-53	

Results of shooting or chemical treatment Increased production from few gallons to 2 bbl. per hour

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 2905 feet, and from feet to feet

PRODUCTION

Put to producing May 30 1948
The production of the first 24 hours was 40 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

Bill Greerly Driller
Frank Sloan 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 day of June 1948
Notary Public

Artesia, N. M. June 2, 1948
Place Date
Name Valco L. Yates
Position Secretary, Operating Committee
Representing Valco-Lesler-Yates
Company or Operator
Address 316 Garner Building

My Commission expires

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6		Soil
6	29		Calechi
29	60		Red rock
60	90		Running Sand
90	150		Red Sandy Mud
150	175		Water
175	465		Red Rock
465	490		Sand
490	510		Anhy
510	740		Anhy
740	750		Gas Sand
750	1220 1220		Anhy
1220	1235		90% Anhy 10% Tan Dolo
1235	1245		50% Anhy 50% Tan Dolo Oil stained & Porous
1245	1253		10% " 90% " "
1253	1275		90% " 10% " "
1275	1800		10% " 90% Pink Dolo
1300	1314		40% " 60% Tan Dolo
1314	1355		" " "
1355	1365		95% " 5% Red Sand
1365	1372		90% " 5% " " 5% Buff Dolo
1372	1389		90% " " " " " "
1389	1405		20% " 6% Red Sand 20% Buff Dolo
1405-1423	1423		"
1423	1435		95% " 5% Red Sand
1435	1475		"
1475	1505		90% " 5% Grey Shale 5% Red Shale
1505	1550		"
1550	1558		90% Anhy. 5% Red Shale 5% Buff Dolo.
1558	1596		95% " 5% Red Shale
1596	1610		"
1610	1630		Red Sand wf. f.g.q.
1630	1646		20% Anhy 80% Buff f.x. dolo.
1646	1670		95% " 5% Buff f.x. dolo
1670	1675		buff f.x. dolo
1675	1707		95% Anhy. 5% Red Sand
1707	1720		10% Anhy. 90% Buff dolo.
1720	1755		"
1755	1765		Red Sand, Cmtd.
1765	1780		10% Red Sand 90% Anhy.
1780	1805		"
1805	1816		20% Grey Sand 80% Buff Dolo.
1816	1835		Pink Sandy Dolo.
1835	1850		10% Red Sand 90% Anhy.
1850	1865		80% Red Sand 20% Anhy.
1865	1875		80% Buff Dolo 20% Red Shale
1875	1885		40% Anhy 60% Red Sand
1885	1900		Buff f. x. dolo.
1900	1910		80% Buff f. x. dolo 10% Red Sand 10% Anhy.
1910	1960		" " " " "
1960	1975		" " " " " Some good oil stain
1975	1986		lightly cemented, oolitic dolo.
1986	1994		90% " " " " 10% Buff sandy dolo.
1994	2010		Buff Anhy. dolo.
2010	2035		80% buff f. x. dolo 20% green bentonite
2035	2045		" " " " "
2045	2052		Very sandy buff dolo.
2052	2063		Buff lightly cemented, very limey sand
2063	2075		Buff cemented, sand- oil stained.
2075	2085		buff f. x. dolo.
2085	2100		Buff f. x. oolitic dolo.
2100	2105		" " " dolo.
2118	2145		Buff f. x. dolo.
2145	2163		90% f. x. dolo. 10% grey sand
2163	2181		90% " " "
2202	2218		" " "
2218	2235		Buff very sandy dolo.
2235	2248		10% buff very sandy dolo 90% white f. x. dolo.
2248	2264		20% Buff very sandy dolo. 80% buff oolitic dolo.
2264	2280		20% pk. Sandy dolo. 80% buff f. x. dolo.
2280	2298		40% grey sand 60% buff f. x. dolo.
2298	2335		Pink Sandy dolomite
2335	2352		Grey very lightly cemented, sand.
2352	2383		White f. x. dolo. (Top San Andres)
2383	2400		Buff f. x. dolo.
2400	2425		White f. x. dolo, 20% oil stained
2425	2468		Buff f. x. dolo.
2468	2478		Tan " " " oil stained
2478	2488		Buff f. x. dolo.
2488	2505		30% f. x. dolo 70% grey sand
2505	2523		95% f. x. dolo 5% grey sand
2523	2560		" " "
2560	2574		White f. x. dolo
2574	2614		Buff f. x. dolo.
2614	2618		Buff f. x. dolo
2628	2650		" " " " Slight oil stain
2650	2659		" " " " 5% tan, porous, and oil saturated.
2659	2670		This should put some oil in hole
2670	2709		Buff f. x. oolitic dolo. trace porosity
2709	2723		Buff f. x. dolo.
2723	2751		Buff f. x. dolo 10% has rd. por. and good stain.
2751	2760		Buff f. x. oolitic dolo. no porosity
2760	2769		" " " " " " Pyrite
2769	2776		Tan oolitic dolo 10% has oil stains and fairly loosely cemented.
2776	2787		Buff m. x. dolo.
2787	2804		Buff oil stained f. x. oolitic dolo. 30% has poor porosity
2804	2830		Grey medium large xylm. oolitic sandy oolitic dolo. no stains.
2830	2863		Buff tightly cemented, anhydritic very oolitic dolo.
2863	2878		Buff oolitic cemented, dolo. no oil stain.
2878	2883		Tan f. x. anhydritic dolo.
2883	2895		Tan f. x. dolomite
			Tan f. x. oolitic dolo.
			2895 equals 2903 S. L. M.