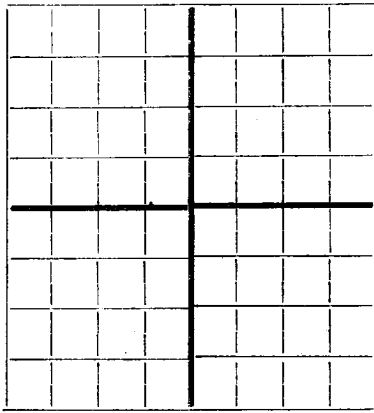


N

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Malco-Realer-Yates

Artesia, New Mexico

Company or Operator

Address

State

Well No. 88

in SW-SE

of Sec. 22

T. 18

Lease

R. 28, N. M. P. M., Artesia Field, Eddy County.

Well is 4290 feet south of the North line and 2310 feet west of the East line of Section 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, Address.

Drilling commenced 1-5 1948 Drilling was completed 2-26 1948

Name of drilling contractor B. P. Yates, Address Artesia, N. M.

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from None to 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 3059 to 3070 feet. 1 bailer hour
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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8 5/8"	28			530					
7 "	20			2730					

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	530	50	Halliburton		
8 1/4	7	2730	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

Results of shooting or chemical treatment Treated section from 2730' to 2950' with 1000 gallons. Held 2350 psi for 2 hours. The treatment did not increase oil or water.

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 3070 feet, and from feet to feet

PRODUCTION

Put to producing, 19
The production of the first 24 hours was P & A barrels of fluid of which % 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

G. V. Miller, Driller
W. F. Keith, 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 2 nd

Artesia, New Mexico March 2, 1948

day of March, 1948

Name Delano P. Matthews

Notary Public

Position Secretary Operating Committee
Representing Malco-Realer-Yates

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1225	1260		Anhydrite
1260	1275		95% anhy. 5% grey shale
1275	1314		Anhy.
1324	1337		95% anhy. 5% red shale
1337	1462		Anhy.
1462	1477		80% anhy. 20% buff dolo.
1477	1505		Anhy.
1505	1530		95% anhy. 5% red sand
1530	1543		Anhy.
1543	1558		80% anhy. 10% red sand 10% buff dolo.
1558	1572		10% anhy. 10% red sand 80% buff dolo.
1572	1711		Anhy.
1711	1722		95% anhy 5% red sand
1722	1746		Anhy.
1746	1760		Anhy.
S.L.C. 1760-1771	1771		
1771	1786		80% anhy. 20% red sand
1786	1800		60% anhy. 40% red sand with f. g. g.
1800	1815		Red sand
1815	1855		Anhy.
1855	1870		80% anhy. 20% buff dolo.
1870	1895		70% anhy. 30% buff dolo.
1895	1905		90% anhy. 10% red shale
1905	1940		Anhy.
1940	1985		95% anhy. 5% red sand
1985	2005		80% anhy. 10% red sand 10% buff dolo.
2005	2038		Grey sand
2038	2053		Grey sand with dead oil stain
2053	2083		80% grey sand with dead oil stain 20% red sand
2083	2097		Anhy.
2097	2125		Buff f. x. dolo.
2125	2139		90% buff f. x. dolo. 10% buff sandy dolo.
2139	2151		80% buff f. x. dolo. 20% anhy.
2151	2241		Buff f. x. dolo.
2241	2265		Buff cemented sand
2265	2297		Buff f. x. dolo.
2297	2314		Buff sandy dolo.
2314	2340		Buff f. x. dolo.
2340	2345		Buff sandy dolo.
2345	2375		Buff f. x. dolo.
2375	2391		80% buff sandy dolo. 20% pink sandy dolo.
2391	2405		90% white f. x. dolo. 10% pink f. x. dolo.
2405	2415		Buff sand dolo.
2415	2432		60% white f. x. dolo. 40% pink sandy dolo.
2432	2445		White f. x. dolo.
2445	2457		Buff f. x. dolo.
2457	2468		Buff sandy dolo.
2468	2486		Pink sandy dolo.
2486	2500		Pink f. x. dolo.
2500	2518		Pink f. x. dolo.
2518	2535		20% pink f. x. dolo. 80% white f. x. dolo.
2535	2615		White f. x. dolo.
2615	2623		95% white f. x. dolo. 5% grey shale.
2623	2645		Buff f. x. dolo.
2645	2660		Tan f. x. dolo.
2660	2667		95% tan f. x. dolo. 5% grey shale
2667	2675		Tan f. x. dolo.
2675	2685		90% tan sandy dolo. 10% grey sand
2685	2707		Buff f. x. dolo.
2707	2730		Tan f. x. dolo.
2730	2739		Buff f. x. dolo.
2739	2748		95% buff f. x. dolo. 5% grey shale
2748	2756		Buff f. x. dolo.
2765	2775		95% buff f. x. dolo. 5% grey shale
2775	2790		Buff f. x. dolo.
2790	2798		95% buff f. x. dolo. 5% black shale
2827	2835		Buff f. x. dolo.
2835	2860		Buff f. x. dolo.
2860	2868		Buff f. x. dolo. Trace porosity and trace oil stain.
2868	2873		Tan f. x. dolo.
2873	2879		Buff f. x. dolo. Trace oolitic structure
2879	2884		Buff f. x. dolo.
2884	2892		Buff f. x. dolo.
2892	2900		Grey f. x. dolo.
2900	2906		Buff oolitic dolo. 10% has poor porosity.
2906	2928		Buff f. x. dolo.
2928	2938		Buff very oolitic dolo. Firmly contd. with lime but some porosity.
2938	2945		Buff f. x. dolo. Some oolitic character.
2945	2950		Buff f. x. anhy. dolo.
2950	2966	corrected to 2966 by Dewell	
2966	2975		Buff f. x. dolo.
2975	2986		Buff oolitic dolo. No porosity
2985	3010		Buff very oolitic dolo. Cemented
3010	3015		Buff f. x. dolo.
3015	3026		Tan f. x. dolo.
3026	3037		Too coarsely xyln granular anhy. dolo.
3037	3059		Tan coarsely xyln dolo.
3059	3070		Tan coarsely xyln oolitic dolo. Fair porosity. Water 3059 -- 3070
2798	2805		Buff f. x., slightly oolitic dolo. no porosity.
2805	2815		Buff f. x., slightly oolitic dolo.
2815	2827		Buff f. x. dolo.