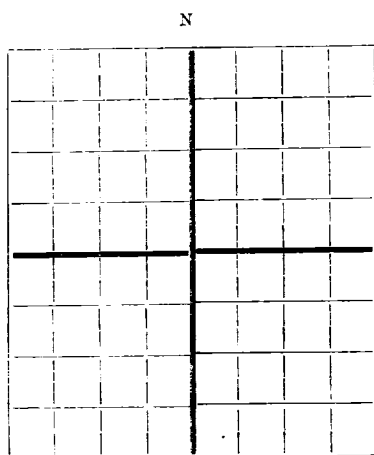


AREA 640 ACRES
LOCATE WELL CORRECTLY

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-Hepler-Yates Carper Bldg. Artesia, New Mexico
Company or Operator Address
State Lease Well No. 86 in SW-8W of Sec. 27, T. 18 S.
R. 26 E., N. M. P. M., Artesia Field, Tady County.
Well is 4290 feet south of the North line and 42.50 feet west of the East line of
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 1-9 1948 Drilling was completed 2-29 1948
Name of drilling contractor S. P. Yates Address Artesia, N. M.
Elevation above sea level at top of casing 3565 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2735 to 2782 No. 4, from to
No. 2, from 2818 to 2840 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	
8 5/8	28			480					
7	20			2660					

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 1/2	8 5/8	480	50	Halliburton		
8 1/2	7	2660	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
		Dowell	1000	2-23-48	2735-82	
		Dowell	1000	2-29-48	2800-70	

Results of shooting or chemical treatment.

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 2870 feet, and from feet to feet

PRODUCTION

Put to producing 2-29 1948
The production of the first 24 hours was 200 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

H. O. Jacobs Driller
H. D. Guinan 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 2nd day of March, 1948
Notary Public
My Commission expires February 28, 1951
Artesia, N. M. March 2, 1948
Name
Position Secretary Operating Committee
Representing Malco-Hepler-Yates Company or Operator
Address Carper Bldg. Artesia, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1490	1560		Anhydrite
1560	1575		95% anhy. 5% shale (red)
1575	1592		90% anhy. 10% red sand
1592	1600		Anhy.
1600	1670		Anhy.
1670	1684		50% anhy. 50% red sand with f. o. g.
1684	1700		90% anhy. 10% red sand
1700	1725		Anhy.
1725	1743		30% anhy. 10% red sand 10% buff dolo.
1743	1760		90% anhy. 10% red sand
1760	1773		40% anhy. 10% red shale 50% buff dolo.
1773	1785		20% anhy. 80% buff dolo.
1785	1807		90% anhy. 10% buff dolo.
1807	1832		Anhydrite
1832	1865		80% anhy. 20% red sand
1865	1880		90% anhy. 10% red shale
1880	1895		90% anhy. 5% red shale 5% pink dolo.
1895	1920		Buff sandy dolo.
1920	1935		Pink sandy dolo.
1935	1953		20% red sand 80% anhy.
1953	1968		10% red sand 90% anhy.
1968	1988		Buff f. x. dolo.
1988	2000		90% buff f. x. dolo. 10% grey sand
2000	2015		90% buff f. x. dolo. 10% red sand
2015	2095		Buff f. x. dolo.
2095	2112		20% buff f. x. dolo. 10% tan oil stained sand
2112	2131		70% buff f. x. dolo. 30% tan oil stained sand
2131	2170		Buff f. x. dolo.
2170	2185		90% buff f. x. dolo. 10% buff sandy dolo.
2185	2197		80% buff f. x. dolo. 20% pink sandy dolo.
2197	2258		Buff f. x. dolo.
2258	2271		80% buff f. x. dolo. 20% pink sandy dolo.
2271	2285		Buff f. x. dolo.
2285	2294		90% buff f. x. dolo. 10% pink f. x. dolo.
2294	2308		Buff f. x. dolo.
2308	2319		90% buff f. x. dolo. 10% pink sandy dolo.
2319	2339		Buff f. x. dolo.
2339	2361		90% buff f. x. dolo. 10% pink f. x. dolo.
2361	2365		Buff f. x. dolo.
2365	2375		Pink f. x. dolo.
2375	2388		90% pink f. x. dolo. 10% buff dolo.
2388	2398		20% pink f. x. dolo. 80% buff tightly cstd. sand.
2398	2413		Buff f. x. dolo.
2413	2428		White f. x. dolo.
2428	2438		Light rose f. x. dolo.
2438	2485		White f. x. dolo.
2485	2497		Buff f. x. dolo.
2497	2540		Buff f. x. dolo.
2540	2552		95% tan f. x. dolo. 5% grey shale
2552	2565		70% tan f. x. dolo. 30% grey sand
2565	2575		50% tan f. x. dolo. 50% grey sandy dolo.
2575	2583		Tan f. x. dolo.
2583	2590		Buff f. x. dolo.
2590	2594		95% buff f. x. dolo. 5% grey shale
2594	2648		Buff f. x. dolo.
2648	2677		95% buff f. x. dolo. 10% green shale
2677	2687		90% buff f. x. dolo. 10% green shale
2687	2697		Buff f. x. dolo.
2697	2708		Buff f. x. dolo. (90%) 10% colitic
2708	2735		Buff f. x. dolo.
2735	2762		Buff f. x. dolo. Some oil stain
2762	2782		Buff f. x. dolo.
2782	2793		Buff f. x. dolo. 10% has some porosity
2793	2805		Buff f. x. dolo.
2805	2818		Buff f. x. dolo.
2818	2826		Buff f. x. colitic dolo. 10% has fair porosity
2826	2840		Buff very colitic but slightly cstd. dolo. no porosity.
2840	2850		Buff f. x. dolo.
2850	2859		Buff granular colitic dolo. Some porosity
2859	2867		Buff f. x. dolo.
2867	2870		Buff f. x. dolo. Some porosity. No stain.