

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED
DEC 12 1939
RECEIVED
HOBBS OFFICE

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than ten days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following with question mark SUBMIT IN TRIPPLICATE.

Master - Stroup & Yates Artesia, New Mexico
Company or Operator Address
Yates Well No. 3 in SW of 33 of Sec. 8 T. 18S
Lease
R. 29E N. M. P. M. Loce Hills Field Eddy County
Well is 1980 feet North of the South line and 1980 feet East of the West line of
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Harvey Yates Address Artesia, New Mexico
If Government land the permittee is Address
The Lessee is Address
Drilling commenced 10/10/39 19 Drilling was completed 10/24/39 19
Name of drilling contractor Herschbach Drilling Company Address Wichita, Kansas
Elevation above sea level at top of casing 3553 feet
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from Red Sand to 1965 to 2005 No. 4, from to
No. 2, from Loce Hills to 2547 to 2608 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 180 to 170 feet. 3 Boilers per hour
No. 2, from 300 to 280 feet. 10 Boilers per hour
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	END OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>8-5/8</u>	<u>32</u>	<u>8</u>	<u>SH</u>	<u>420</u>	<u> </u>	<u> </u>			
<u>7" OD</u>	<u>20</u>	<u>8</u>	<u>SS</u>	<u>2571</u>	<u> </u>	<u> </u>			

MUDGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10" 8-5/8</u>	<u>420</u>	<u> </u>	<u>50</u>	<u>Ballston</u>	<u> </u>	<u>30 Sacks</u>
<u>8" 7" OD</u>	<u>2571</u>	<u> </u>	<u>100</u>	<u>Ballston</u>	<u> </u>	<u>75 Sacks</u>

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
<u>Dump</u>	<u>Shot</u>	<u>Solidified Nitro-Glycerin</u>	<u>800 lbs.</u>	<u>10/25/39</u>	<u>2540 to 2608</u>	<u>2617</u>

Results of shooting or chemical treatment Oil rose in hole 1800' before shot- Produced 250 bbl. first 24 hours after temp taken out.

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 2617 feet, and from feet to feet

PRODUCTION

Put to producing 11/30/39 19
The production of the first 24 hours was 250 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

Charles Houghton Driller Harvey Williamson Driller
Clyde Nickson Driller H. O. Coe 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 1st day of December 19 39
San Hudson Notary Public
My Commission expires 06/15/1941

Hobbs, New Mexico 12/1/39
Name B. D. Jackson
Position Production Superintendent
Representing Master Supply Company
Address Hobbs, New Mexico

The above and foregoing is a true and correct copy of completion of well No. 3, Master Stroup & Yates, Yates & E. Loce Hills, Eddy

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Caliche
25	55	30	Shale
55	55	5	Red Shale
55	62	7	Brown Shale
62	72	10	Caliche
72	78	6	Shale
78	100	22	Caliche
100	160	60	Anhydrite
160	170	10	Water Sand
170	180	10	Anhydrite
180	290	110	Red Rock
290	300	10	Anhydrite
300	305	5	Water Sand
305	330	25	Red Shale
330	380	50	Salt
380	420	40	Salt & Anhydrite
420	590	170	Salt
590	610	20	White Lime
610	760	150	Salt
760	790	30	Grey Lime
790	800	10	Anhydrite
800	812	12	Red Rock
812	840	28	Anhydrite
840	845	5	Salt
845	885	40	Anhydrite
885	955	70	Lime
955	957	2	Shale, Brown
957	960	3	Anhydrite
960	1000	40	Lime
1000	1010	10	Anhydrite & Red Rock
1010	1025	15	Grey Lime
1025	1055	30	Anhydrite
1055	1065	10	Red Shale
1065	1150	85	Anhydrite
1150	1180	30	Anhydrite & Lime
1180	1208	28	Anhydrite
1208	1225	17	Anhydrite & Red Rock
1225	1245	20	Grey Lime
1245	1250	5	Red Shale
1250	1285	35	Anhydrite
1285	1320	35	Lime
1320	1330	10	Anhydrite
1330	1355	25	Grey Lime
1355	1365	10	Anhydrite
1365	1380	15	Grey Lime
1380	1375	25	Anhydrite
1375	1585	10	Grey Lime
1585	1605	20	White Lime
1605	1710	105	Anhydrite
1710	1735	25	Red Shale
1735	1750	15	Anhydrite
1750	1758	8	Red Rock
1758	1768	10	Anhydrite
1768	1770	2	Red Shale
1770	1898	128	Anhydrite
1898	1915	20	Red Rock & Anhydrite
1915	1935	20	Anhydrite
1935	1970	35	Red Sand
1970	1975	5	White Lime
1975	2005	30	Red Sand
2005	2015	10	Anhydrite
2015	2130	115	Lime
2130	2135	5	Sandy Shale
2135	2165	30	Lime
2165	2180	15	Anhydrite
2180	2200	20	Anhydrite & Red Shale
2200	2210	10	Lime
2210	2235	25	Anhydrite & Shale
2235	2270	35	Anhydrite
2270	2275	5	Sand
2275	2290	15	Anhydrite
2290	2348	58	Lime
2348	2349	1	Shale
2349	2347	198	Lime
2347	2400	53	Sandy Lime and Sand (oil)
2400	2617	17	Lime (Saturated 2400-2600)