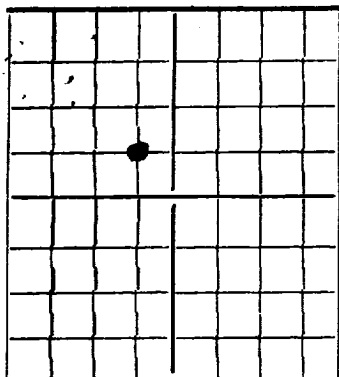


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Harvey E. Yates, 307 Carper Bldg., Artesia, New Mexico
Company or Operator Address
Howard E. Wrenney Well No. 1 in SE NW of Sec. 16, T. 19 S.
Lease
R. 30 E, N. M. P. M., 1943 Wildcat Field, County.
Well is 1900 feet south of the North line and 1980 feet west of the East line of Sec. 16-19-30
If State land the oil and gas lease is No. B-3612 Assignment No.
If patented land the owner is, Address
If Government land the permittee is, Address
The Lessee is Harvey E. Yates, Address 307 Carper Bldg., Artesia, New Mexico
Drilling commenced April 16, 1943 Drilling was completed June 15, 1943
Name of drilling contractor Harvey E. Yates, Address 307 Carper Bldg., Artesia, New Mexico
Elevation above sea level at top of casing 3325 feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 1771 to 1776 No. 4, from to
No. 2, from 1777 to 1804 No. 5, from to
No. 3, from 1824 to 1836 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 150 to 155 feet.
No. 2, from 205 to 230 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 FROM TO	PURPOSE
4 1/2"	24 lb.	8	2 1/2" 100'	320'	Texas			alt. string
7"	20 lb.	8	100'	1726'				oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
4 1/2"	6 1/2"	320	nd	Hard		30 bbl.
7"	7"	1726	75 bbl.	Palliburton		

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

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 1836 feet, and from feet to feet

PRODUCTION

Put to producing June 15, 1943, 600 BFPD, of which 120 was oil
The production of the first 24 hours was 500 barrels of fluid of which 120 was oil; % was oil;
emulsion; % water; and % sediment. Gravity, Be 25.9
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

I. W. Hancock, Driller F. A. Hancock, Driller
Driller, 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.

Artesia, New Mexico July 15th 1943
Subscribed and sworn to before me this 15th day of July, 1943
Name Harvey E. Yates
Position Operator
Representing Harvey E. Yates
Company or Operator
Address 307 Carper Bldg., Artesia, New Mexico.
Notary Public.
My Commission expires Nov. 11, 1946

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Sand
50	120	70	Gyp & Anhy
120	130	10	Anhy
130	140	10	Green. ls.
140	147	7	Lime (Hole full water)
147	150	13	Lime
150	230	70	Anhy., shale & Lime
230	237	7	Lime
237	245	8	Shale & Lime
245	265	20	R Shale & Anhy.
265	266	21	R. Shale & Gyp
266	320	34	Red Rock
320	380	60	Top of Salt
380	420	40	Salt
420	470	50	Salt
470	520	50	Salt
520	570	50	Salt
570	610	40	Salt
610	650	40	Salt
650	670	20	Salt
670	740	70	Salt & Anhy.
740	755	25	Salt
755	805	40	Salt
805	855	50	Salt
855	905	50	Salt
905	940	35	Salt
940	980	40	Salt
980	1020	40	Salt
1020	1025	5	Salt
1025	1045	20	Anhy.
1045	1060	15	Salt
1060	1125	65	Salt
1125	1175	50	Salt
1175	1200	25	Salt
1200	1250	50	Salt
1250	1270	20	Salt
1270	1275	5	Red Sand
1275	1300	25	Salt
1300	1325	25	Salt
1325	1350	25	Anhy
1350	1375	25	Anhy
1375	1390	15	Anhy
1390	1400	10	R. Rock
1400	1440	40	Anhy & Red Rock
1440	1470	30	Anhy.
1470	1500	30	Anhy
1500	1520	20	Anhy
1520	1540	20	R. Shale
1540	1585	45	Anhy & R Rock
1585	1625	40	Anhy & red Rock
1625	1680	55	Anhy & Red Rock
1680	1695	15	Anhy
1695	1720	25	Lime
1720	1746	26	Lime
1746	1758	8	Sand
1758	1780	22	Sand & Lime
1780	1900	20	Lime
1800	1820	20	Lime
1820	1840	20	Lime
1840	1851	11	Sandy Lime (Oil)

Halliburton Steel Line Correction From 1851 back to 1836.