



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.

Martin Yates, III Company or Operator 307 Garper Bldg., Artesia, New Mexico Address  
Mess-st-16 Lease Well No. 2 in Section 4 of Sec. 4 T. 19 South  
R. 28 East N. M. P. M. Artesia Field, Sady County.  
Well is 330 feet south of the North line and 4290 feet west of the East line of Section 4  
If State land the oil and gas lease is No. 648 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is Martin Yates, Jr., Deceased Address Artesia, New Mexico  
Drilling commenced 11-8 19 49 Drilling was completed January 27 19 50  
Name of drilling contractor S. P. Yates Address Artesia, New Mexico  
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 2680' to 2690' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2715' to 2720' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 2755' to 2764' 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	
<u>10 3/4</u>	<u>327</u>	<u>8</u>	<u>S H</u>	<u>320</u>					<u>Surface String</u>
<u>5 1/2"</u>	<u>144</u>	<u>8</u>	<u>J &amp; L</u>	<u>2630</u>	<u>Guide</u>				<u>Production String</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>8 5/8</u>	<u>5 1/2"</u>	<u>2630'</u>	<u>150</u>	<u>Halliburton</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

Results of shooting or chemical treatment. Well was treated with 1000 gals. of 20% acid from 2670' to 2690' with satisfactory results; 1000 gals. of 20% acid from 2700' to 2764' with minor results; 5000 gals. of 20% acid from 2670' to 2788'. Well swabbed, 30 bbls. of oil from 2670' to 2788'.  
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 2788' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing January 27th 19 50  
The production of the first 24 hours was 30 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

C. H. Parker Driller \_\_\_\_\_ Driller \_\_\_\_\_  
H. S. Guinan 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.

Subscribed and sworn to before me this 18th  
day of February 19 50  
Sheldon L. Smith  
Notary Public

Artesia, New Mexico 2-11-50  
Name Martin Yates III  
Position Operator  
Representing Martin Yates & Co.

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Lime
10	85	75	Lime & R.R.
85	195	110	R. R. & Sand
195	250	55	R. R. & Sand
250	320	70	Anhy. & R. R.
320	340	20	Red Rock
340	480	140	R. R. & Anhy.
480	530	50	Anhy.
530	560	30	Lime gray
560	735	125	Anhy. & Lime
735	1050	315	Broken Anhy.
1050	1065	15	Anhy.
1065	1100	35	Brown Lime
1100	1160	60	Anhy.
1160	1180	20	"
1180	1210	30	Broken Lime
1210	1460	250	Anhy.
1460	1475	15	Lime
1475	1610	135	Anhy.
1610	1625	15	Red Sand
1625	1660	35	Anhy.
1660	1725	65	Lime & Broken Lime
1725	2025	300	Lime & Anhy.
2025	2065	40	Sand (Show of Gas 2045' to 2060')
2065	2597	532	Lime
2597	2612	15	Soft Lime (Slight show of oil)
2612	2670	58	Lime
2670	2679	9	Gray Lime (Show of black oil)
2679	2788 T.D.	109	Lime