

## MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED  
DEC 15 1939  
HOBBS OFFICE

DUPLICATE  
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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

MARTIN YATES III ET AL

Artesia, New Mexico

Company or Operator **#7072** Well No. **1** in **SW1/4** of Sec. **1**, T. **18**  
 R. **29** N. M. P. M. **Loso Hills** Field, **East** **Eddy** County.  
 Well is **990** feet south of the **North** line and **990** feet west of the **West** line of **Sec. 1**  
 If State land the oil and gas lease is No. **B-7072** Assignment No. **1**  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is **Martin Yates, Jr.** Address **Artesia, New Mexico**  
 Drilling commenced **October 12th, 1939** Drilling was completed **November 31, 1939**  
 Name of drilling contractor **Brewer Drilling Co.** 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 **2677** to **2689** 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 \_\_\_\_\_ 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	
<b>8 1/2" Casing</b>				<b>525 Ft.</b>		<b>50 Sacks of Cement</b>			
<b>7" O. D. Casing</b>				<b>2560 Ft.</b>		<b>100 Sacks Cement, 5 Tons Mud.</b>			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

## 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
<b>Shot well with 120 Quarts of Nitro-Glycerin from 2699 ft to 2668 ft November 13, 1939, work done by the New Mexico Glycerin Company, Artesia, New Mexico.</b>						

Results of shooting or chemical treatment **Production before the shot: 100 Barrels**  
**Production after the shot: 110 Barrels per hr.**  
**on a 2 hr. test.**

## 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 **2699** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **November 15th, 1939**  
 The production of the first 24 hours was **100** barrels of fluid of which **100** % was oil; \_\_\_\_\_ %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be **38°**  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**Fred Windham** Driller **G. H. Harris** Driller  
**W. M. Gray** 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 **12th**

**Artesia, New Mexico** **Dec. 12, 1939**  
 Place Date

day of **December**, 19**39**

Name **Beth King**

Position **Agent**

Representing **MARTIN YATES III ET AL**  
 Company or Operator

My Commission expires **October 15th, 1941**

Address **Box 397**

**Artesia, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15		Sand
15	25		Gyp
25	65		Red Shale
65	110		Red Beds
110	150		Sand
150	230		Red Sand
230	310		Anhydrite
310	330		Sand
330	340		Sand
340	360		Red Shale
360	375		Anhydrite
375	400		Red Shale
400	417		Anhydrite
417	442		Red Shale
442	490		Anhydrite
490	715		Salt
715	840		Anhydrite and Salt
840	855		Anhydrite
855	1000		Salt and Anhydrite
1000	1025		Anhydrite
1025	1065		Anhydrite and Salt
1065	1305		Anhydrite
1305	1355		Anhydrite and Red Rock
1355	1400		Anhydrite and Shale
1400	1765		Anhydrite
1765	1805		Anhydrite and Lime
1805	1880		Anhydrite
1880	1890		Lime Brown
1890	1975		Anhydrite
1975	1980		Red Rock
1980	2025		Anhydrite and Red Rock
2025	2065		Anhydrite and Shale Breaks
2065	2130		Anhydrite
2130	2150		Lime
2150	2190		Anhydrite
2190	2215		Red Sand
2215	2240		Lime
2240	2310		Anhydrite and Lime
2310	2328		Anhydrite
2328	2385		Lime
2385	2430		Anhydrite
2430	2475		Lime
2475	2490		Anhydrite
2490	2673		Lime
2673	2677		Gas Sand
2677	2689		Oil Sand
2689	2699		Sand
2699			TOTAL DEPTH.