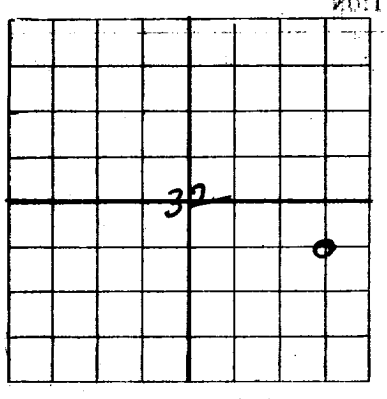
DUPLICATE

RECEIVED
MAR 13 1942
HOBBS OFFICE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Martin Yates, Jr. (Company or Operator) Box 397, Artesia, New Mexico (Address)

State (Lease) Well No. 1 in NE¼SE¼ of Sec. 32, T. 17 S, R. 32 E.

R. ____, N. M. P. M., Maljamar Field, Lea County.

Well is 1660 feet south of the North line and 660 feet west of the East line of NE¼ SE¼ Sec. 32

If State land the oil and gas lease is No. B-6768 Assignment No. 21

If patented land the owner is ____ Address ____

If Government land the permittee is ____ Address ____

The Lessee is Martin Yates, Jr. Address Box 397, Artesia, N.Mex.

Drilling commenced January 21 19 42 Drilling was completed February 27, 19 42

Name of drilling contractor Martin Yates, Jr. Address Box 397, Artesia, N. Mex.

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 3475 to 3490 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 600 to 620 feet. 4 bailers per hour

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 FROM	PERFORATED TO	PURPOSE
8¼"				885'					Surface string
7"OD				3340'					Production 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
10"	8¼"	885'	50	Halliburton		
8¼"	7"OD	3340'	100	"		5 tons

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
		Nitro-Glycerin	90 qts.	2-25-42	3471-3490	3490.

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 3490 feet, and from ____ feet to ____ feet

PRODUCTION

Put to producing February 28, 19 42

The production of the first 24 hours was 100 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

E. L. Atwood, Driller W. G. Rogers, Driller

C. C. Ledford, TOOLDRESSER E. P. O'Bryan, TOOLDRESSER

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 9th day of March 19 42

Nola Pollard
Notary Public

My Commission expires June 9, 1943.

Artesia, N. Mex. (Place) Mar. 9, 1942. (Date)

Name Virgil O. Hopp

Position Accountant

Representing Martin Yates, Jr. (Company or Operator)

Address ____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Caliche & Red bed
55	100	45	Sand Rock
100	225	125	Red Bed
225	340	115	Sand Rock & Red bed
340	605	265	Red rock
605	715	110	Sand & Red rock
715	810	95	Red Sale
810	945	135	Red rock
945	1000	55	Anhydrite & Red sand
1000	1018	18	Red Shale
1018	1040	22	Anhydrite
1040	1050	10	Red Rock
1050	1195	145	Anhydrite
1195	1235	40	Red Bed & salt
1235	2195	960	Salt
2195	2225	30	Lime & Anhydrite
2225	2260	35	Anhydrite
2260	2270	10	Anhydrite & Shale
2270	2460	190	Anhydrite
2460	2500	40	Broken Anhydrite
2500	2530	30	Anhydrite
2530	2550	20	Anhydrite & Blue Shale
2550	2595	45	Anhydrite
2595	2685	90	Shale & Anhydrite
2685	2785	100	Anhydrite
2785	2795	10	Red Shale
2795	3270	475	Anhydrite
3270	3285	15	Red Sand
3285	3370	85	Anhydrite
3370	3388	18	Anhydrite & Lime
3388	3395	7	Grey Lime
3395	3450	55	Anhydrite
3450	3455	5	Anhydrite & Shale
3455	3464	9	Anhydrite
3464	3475	11	Hard Red Sand
3475	3490	15	Oil Sand
3490	Total	Depth.	