ILLEGIBLE

FORM C-105

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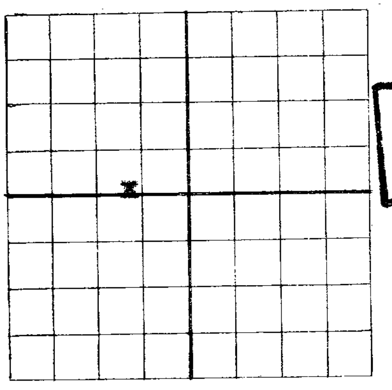

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED JAN 15 1940 HOBBS OFFICE

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 III — Company or Operator — Artesia, New Mexico — Address

State B-9324 — Lease — Well No. 3 in ____ of Sec. 10, T. 18 S.

R. 29 E, N. M. P. M., Loco Hills Field, Eddy County.

Well is 2310 north ~~south~~ feet south of the North line and 1650 east ~~west~~ feet west of the East line of section 10

If State land the oil and gas lease is No. B-9324 Assignment No. 14

If patented land the owner is ____, Address ____

If Government land the permittee is ____, Address ____

The Lessee is C. T. Bassett, Address El Paso, Texas

Drilling commenced November 22, 1939 Drilling was completed January 7, 1940

Name of drilling contractor Bassett & Birney et al, 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 2575' to 2590' 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 FROM	PERFORATED TO	PURPOSE
8" casing, 401 ft. cemented with ± 50 sacks of cement									
7" O.D. casing, 2525 ft., 100 sacks cement and 5 tons mud									

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
Shot well from 2573 ft. 4 in. to 2597 ft. with 120 quarts of Nitro-						
Glycerin, work done by New Mexico Glycerin Co., Artesia, New Mexico						

Results of shooting or chemical treatment ____

Production before shot—approximately 50 bbls. per hr.

Production after shot—estimated at 75 bbls. per hr.

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 2597 feet, and from ____ feet to ____ feet

PRODUCTION

Put to producing January 13, 1940

The production of the first 24 hours was 75 bbls./per hr. 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

A. J. Cassada, Driller P. J. Tomb, Driller

H. A. Parker, 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 day of January, 1940

Beth King
Notary Public

My Commission expires Jan. 10, 1942

Artesia, New Mexico — Place — Jan. 12, 1940 — Date

Name Lorene Jones

Position Agent

Representing Martin Yates III — Company or Operator

Address Box 464 Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
0	130		Red beds	
130	150		Anhydrite	
150	240		Gypsum	
240	243		Water sand	
243	320		Red XX beds	
320	344		Salt	
344	380		Anhydrite	
380	865		Salt	Top of salt 380 ft.
865	880		Anhydrite	
880	900		Lime	
900	1010		Anhydrite	
1010	1025		Lime	
1025	1105		Anhydrite	
1105	1225		Red rock	
1225	1360		Anhydrite	
1360	1370		Lime	
1370	1385		Red bed shells	
1385	1472		Lime	
1472	2090		Anhydrite	
2090	2115		Red sand	
2115	2283		Anhydrite	
2283	2325		Broken Anhydrite	
2325	2410		Anhydrite	
2310	2416		Lime	
2416	2450		Red rock and anhydrite	
2450	2572		Lime	
2572	2575		Grey lime	
2575	2590		Brown lime	Top of pay 2575 ft.
2590	2598		Oil sand	
2598			Total depth	