Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instruction in Rules and Regulations of the Commission.

Artesia, New Mexico (Place) September 25, 1947 (Date)

OIL CONSERVATION COMMISSION.
Santa Fe, New Mexico.

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

Martin Yates, Jr., et al. (Company or Operator) Geo. Kaiser (Lease) Well No. 1 in NE¼ NE¼

of Sec. 18, T 18, R 27, N. M. P. M., Wildcat Field, Eddy County

N.

The well is 990 feet (~~N~~) (S.) of the N line and 330 feet (~~E~~) (W.) of the E line of Sec. 18.

(Give location from section or other legal subdivision lines. Cross out wrong directions)

If state land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is George Kaiser

Address Carlsbad, New Mexico.

If government land the permittee is .....

Address .....

The lessee is Martin Yates, Jr., & J. R. Miller

Address Artesia, New Mexico.

AREA 640 ACRES
LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows: Cable tools to a depth of approximately 1700 feet, unless a sand pay develops around 1000 feet.

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: Martin Yates, Jr., $10,000 Blanket Bond.

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
If needed	--10"			100'	Landed.	
	8"			750'	Set on top of Lime and mudded until I can look at the pay, at around 1000 Feet. If this pay is encountered, will set approximately 950' of 7" OD casing and cement and mud to the surface, *	

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil and gas sand should occur at a depth of about ..... feet.

Additional information: *using anywhere from 50 to 200 sacks of cement, depending on whether or not water is encountered, the exact amount to cement to be determined by you when the formation is drilled. If the shallow pay does not develop will probably set approximately 1100' of 7" and cement according to your program, which will depend on whether or not the water is found at 775'

Approved 9-26, 1947

except as follows:

Sincerely yours,

MARTIN YATES, JR., ET AL.
Company or Operator

By [signature]

Position Partner

Send communications regarding well to

Name Martin Yates, Jr.

Address Box 397, Artesia, N. Mex.

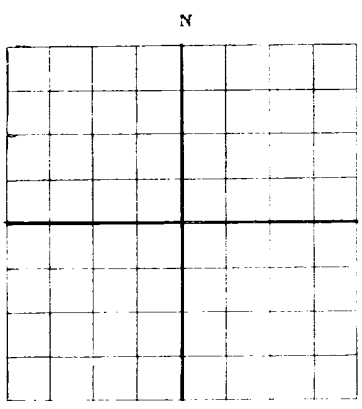
OIL CONSERVATION COMMISSION

By William B. Macey

Title Petroleum Engineer

Will pull 6" and 10" casing before cementing 7" OD Casing.

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Martin Yates, Jr., et al (Company or Operator) Artesia, New Mexico (Address)

Geo. Kaiser (Lease) Well No. 1 in NE¼ NE¼ of Sec. 18, T. 18 S., R. 27 E., N. M. P. M., Wildcat Field, Eddy County.

Well is 990 feet south of the North line and 330 feet west of the East line of Sec. 18.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is George Kaiser, Address Carlsbad, N. Mex.

If Government land the permittee is _____, Address _____

The Lessee is Martin Yates, Jr., & J.R. Miller, Address Artesia, N. Mex.

Drilling commenced September 28 1947 Drilling was completed November 29 1947

Name of drilling contractor Martin Yates, Jr., Address 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 none to _____ 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 115 to 120 feet. _____

No. 2, from 315 to 320 feet. _____

No. 3, from 960 to 975 feet. _____

No. 4, from 1187 to 1200 feet. Sulphur water.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8"				893'					
7"				1011'					Later pulled
7"				1234'					

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

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 1928 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____ 19____

The production of the first 24 hours was none barrels of fluid of which _____ % 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

Harry Hubbard, Driller A. L. May, Driller

R. A. Thomas, 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 2nd day of December 1947

Nola Pollard
Notary Public

My Commission expires June 5, 1951

Artesia, New Mexico. 12-2-47
Place Date

Name Martin Yates Jr.

Position Partner

Representing Martin Yates, Jr., et al.
Company or Operator

Address _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	White, hard Lime and Caliche
45	115	70	Caliche & grey shale
115	120	5	Grey lime
120	280	160	Anhydrite & lime
280	360	80	Anhydrite & shale
360	394	34	Broken anhydrite
394	400	6	Anhydrite
400	535	135	Anhydrite & shale
535	555	20	Anhydrite
555	605	50	Anhydrite & Shale
605	625	20	Anhydrite
625	750	125	Anhydrite & shale
750	760	10	Anhydrite
760	820	60	Anhydrite & shale
820	830	10	Anhydrite & sand
830	847	17	Sand, white
847	865	18	Grey shale
865	885	20	Sand
885	893	8	Lime
893	920	27	Sand
920	928	8	Red shale
928	935	7	Anhydrite
935	960	25	Red shale & lime
960	965	5	Sand
965	975	10	Anhydrite & sand
975	985	10	Red sand
985	1000	15	Red shale
1000	1005	5	Pink shale
1005	1050	45	Grey lime
1050	1060	10	Lime & sand
1060	1080	20	Brown lime
1080	1095	15	Lime
1095	1115	20	Lime & sand
1115	1130	15	Brown lime
1130	1187	57	Lime
1187	1200	13	Sand, sulphur water
1200	1215	15	Grey lime
1215	1695	480	White lime
1695	1701	6	Black lime
1701	1718	17	Brown lime
1718	1928	210	Lime.
1928	Total depth.		