



ARTICLE COPY

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

May 6, 1952

Martin Jasso, Jr., Toledo
P. O. Box 337
Artesia, New Mexico

Re: Oil and Gas Lease
No. 11111

Dear Sir:

Your Memorandum of April 10, 1952, dated February 15, 1952, concerning the proposed oil and gas lease located on the subject land in the State of New Mexico, B. 291, Garcon County, New Mexico, is hereby approved.

Very truly yours,

John H. Smith
John H. Smith
Assistant Secretary

JHS:rc

Approved by John H. Smith
May 10, 1952

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 062246
Unit Lucky Lakes Area
1 336. 4495

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Wells-Fullis

Artesia, New Mexico

Feb. 15, 1949

Well No. 2 is located 562 ft. from [S] line and 1142 ft. from [E] line of sec. 24

24 33 13 13 13
(N Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Willcox San Juan New Mexico
(Field) (County or subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

For conversation with Form 11-2, plugged and abandoned well as follows:

Run 10 sack cement plug in bottom of hole, from total depth of 1719 feet to 1699 feet. Pull up hole to 950 feet and run ten sack cement plug from 950 feet to 930 feet. Run ten sack cement plug from 930 feet to 915 feet. Pull up 301' 7" of 3 5/8" casing and set casing marker. Well plugged on February 2, 1949.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Martin Yates, Jr.

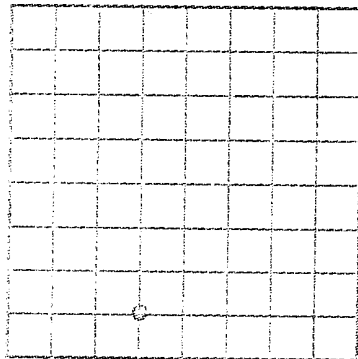
Address Box 337,

Artesia, N. Mex.

By [Signature]

Title Unit Geologist.

Form 9-330



LOCATE WELL CORRECTLY

Budget Bureau No. 42-1255.
Approval expires 11-30-56.

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 052246

LEASE OR PERMIT TO PROSPECT
Lucky Lakes Area, I Sec.

UNITED STATES #405

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

30-005-00460

LOG OF OIL OR GAS WELL

Company Martin Yates, Jr. Address Box 397, Artesia, N. Mex.
Lessor or Tract Yates-Mullis Field Wildcat State New Mexico
Well No. 2 Sec. 28 T. 15 R. 29 Meridian N.M.P.M. County Chaves
Location 660 ft. (N.) of S Line and 1939 (E.) of N. Line of Sec. 28 Elevation
(Denote foot relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]

Date 2-8-49

Title Unit Operator.

The summary on this page is for the condition of the well at above date.

Commenced drilling December 30, 19 48 Finished drilling Feb. 6, 19 49

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 1713 to 1717 No. 2, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 3/8"</u>	<u>22</u>	<u>3</u>	<u>202</u>	<u>100</u>	<u>.....</u>	<u>.....</u>	<u>.....</u>	<u>.....</u>	<u>Salt String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 3/8"</u>	<u>3021</u>				

PLUG AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 1729 feet, and from feet to feet

DATES

....., 19..... Put to producing , 19.....

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

..... W. J. Cluney Driller M. F. Keith Driller

..... V. A. Lane Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45	45	Gravel & Red Rock
45	65	20	Red Rock
65	125	60	Red Sand
125	202	77	Red Rock
202	270	68	Red Shale
270	280	10	Red Rock
280	294	14	Gyr & Gravel
294	314	20	Red Rock
314	321	7	Red Shale
321	333	12	Gyr
333	340	7	Red Sand
340	380	40	Red Beds
380	655	275	Salt
655	667	12	Anhydrite
667	820	153	Salt
820	875	55	Salt, Anhydrite & Red beds.
875	890	15	Salt
890	945	55	Anhydrite
945	1000	55	Anhydrite, shells & red rock
1000	1070	70	Anhydrite & red rock
1070	1120	50	Anhydrite & red shale breaks
1120	1150	30	Anhydrite
1150	1195	45	Anhydrite & red rock
1195	1600	405	Anhydrite
1600	1640	40	Anhydrite & red rock.

FORMATION LOGS—Continued

100

FROM—	TO—	TOTAL FEET	FORMATION—
1640	1713	73	Argillite
1713	1717	4	Argillite
1717	1729	12	Argillite
1729	Total Depth.		