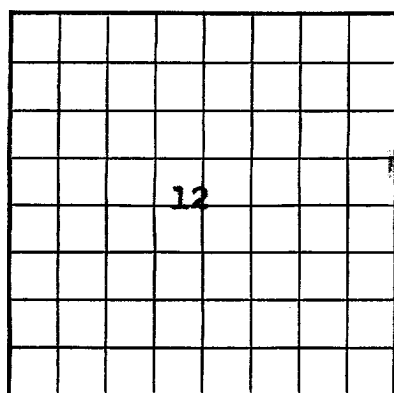


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **050429-A**

LEASE OR PERMIT TO PROSPECT

Faye N. Saunders**RECEIVED**

UNITED STATES

DEPARTMENT OF THE INTERIOR

MAR 10 1977

GEOLOGICAL SURVEY

D. C. C.
ARTESIA, OFFICE**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company **DIXON & YATES OIL CO.** Address **Box 397, Artesia, New Mexico**
Lessor or Tract **(SE 1/4 NE 1/4)** Field **Loco Hills** State **New Mexico**
Well No. **4-A** Sec. **12** T. **18S** R. **29E** Meridian **NMPM** County **Eddy**
Location **1650** ft. **N** of **N** Line and **330** ft. **E** of **E** Line of **Sec. 12** Elevation **3527.48**
(Derrick floor 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.

Date **November 13, 1941**Signed **Beth King**
Title **Secretary**

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

Commenced drilling **September 17, 1941** Finished drilling **October 21, 1941****OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **2774'** to **2805'** 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 _____ to _____ No. 3, 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—	
7"	O. D. Casing			2680 ft., 100 sacks cement, 4 tons of mud.					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" OD	2680 Ft	100 Sacks Cement			4 tons mud.
8 1/4"	425 ft	50 Sacks Cement.			

PLUGS 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
Shot well from 2764 ft to 2805 feet with 120 quarts of Nitro-Glycerin. Well was shot 10/21/41 by the New Mexico Glycerin Company.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **2805** feet, and from _____ feet to _____ feet

DATES

November 13th, 19**41** Put to producing **October 22,** 19**41**
per hr on a 3 hr test

The production for the first 24 hours was **35** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **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

C. V. Miller, Driller **J. V. Sandlin**, Driller
G. B. Greathouse, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5		Sand
5	10		Caliche
10	35		Red Mud
35	55		Sand
55	100		Red Sand
100	115		Lime
115	120		Red Sand
120	190		Red Beds, Sandy
190	280		Gyp
280	300		Red Beds, Sandy
300	375		Red Beds
375	930		Salt
930	945		Salt and Gyp
945	1100		Salt
1100	1735		Anhydrite
1735	1745		Brown Lime
1745	2010		Anhydrite
2010	2025		Anhydrite and Lime
2025	2282		Anhydrite
2282	2314		Red Sand
2314	2415		Anhydrite
2415	2430		Anhydrite and Lime
2430	2460		Anhydrite
2460	2490		Anhydrite and Lime
2490	2550		Anhydrite and Sand

3527
1100
12427**3527**
2282
+1245

