Form 9-330

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MAR 10 1977
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ARTESIA, OFFICE

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 051102-A
LEASE OR PERMIT

GEOLOGICAL SURVEY RECEIVED Roswell, New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Dixon and Yates Oil Co. Address Artesia, New Mexico

Lessor or Tract ____ Field Loco Hills State New Mexico

Well No. 2-A Sec. 1 T. 18 R. 29 Meridian N.M.P.M. County Eddy

Location 990 ft. {N./S.} of S Line and 990 ft. {E./W.} of E Line of Section 1 Elevation 3535 Gr
(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.

Signed Marion Yates

Date April 5, 1940 Title Partner

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

Commenced drilling February 19, 1940 Finished drilling March 24, 1940

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2780' to 2811 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 From—	Perforated To—	Purpose
7" OD Casing				2701'	100 Sacks Cement				
8¼" Casing				441'	50 Sacks Cement				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"OD	2701'	100 Sacks			4 tons Mud
8¼"	441'	50 Sacks			-0-

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 2780' to 2811' with 120 quarts of nitro-glycerin on March 21, 1940. Work done by New Mexico Glycerin Co., Artesia, New Mexico						

TOOLS USED

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

Cable tools were used from -0- feet to 2811 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing March 25, 1940

The production for the first 24 hours was 500 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 37

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 N. R. Watters, Driller

Jim Folke, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	102		Red sand and shale
102	110		Gravel
110	135		Red shale
135	153		Sand
153	315		Gyp
315	325		Red Shale
325	390		Sand and potash
390	405		Red rock
405	435		Salt and potash
435	441		Red Rock
441	570		Salt
570	640		Salt shells
640	920		Salt
920	975		Salt shells
975	1097		Salt
1097	1105		Anhydrite
1105	1150		Anhydrite and red rock
1150	1190		Salt and anhydrite
1190	1210		Anhydrite
1210	1215		Shale
1215	1280		Anhydrite
1280	1335		Anhydrite and red rock
1335	1425		Anhydrite
1425	1470		Anhydrite and red rock
1470	1600		Anhydrite
1600	1605		Red rock

(OVER)

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FOLD

MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1605	1660		Anhydrite
1660	1720		Anhydrite and lime
1720	1740		Anhydrite
1740	1768		Brown lime
1768	1855		Anhydrite
1855	1890		Anhydrite and lime
1890	1925		Anhydrite
1925	1955		Anhydrite and brown lime
1955	1985		Lime and anhydrite
1985	2285		Anhydrite
2285	2315		Red sand
2315	2325		Lime
2325	2350		Anhydrite and lime
2350	2420		Anhydrite
2420	2445		Anhydrite and lime
2445	2485		Anhydrite
2485	2515		Anhydrite and lime
2515	2590		Anhydrite
2590	2667		Brown lime
2667	2695		Gray lime
2695	2767		Lime
2767	2776		Sandy lime
2776	2811		Sand
2811			Total Depth

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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