udget Bureau No. 42-R355.
pproval expires 11-30-46.

Form 9-330

COPY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 055374
LEASE OR PERMIT TO PROSPECT Effie M. Day

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Dixon & Yates Oil Co. Address Box 397, Artesia, New Mexico

Lessor or Tract Effie M. Day Field Loco Hills State New Mexico

Well No. 2 Sec. 12 T. 18 R. 29 Meridian N.M.P.M. County Eddy

Location 1980 ft. {N.} of S Line and 1980 ft. {E.} of E Line of Sec. 12 Elevation 3509
(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 Martin Yates, III

Date June 1, 1942 Title Partner

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

Commenced drilling March 31, 19 42 Finished drilling May 5, 19 42

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2695 to 2722 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
8 5/8"				340'					Salt String
7" OD				2603					Prod. String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	340	50	Halliburton		50 sacks
7" OD	2603	100	"		5 tons

FOLD MARK

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
		Nitro-Glycerin	110	6	2695-2722	2722

TOOLS USED

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

Cable tools were used from 0 feet to 2745 feet, and from feet to feet

DATES

, 19 Put to producing May 9, 19 42

The production for the first 24 hours was 82 barrels of fluid of which 100 % 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

J/ V. Sandlin, Driller Dewey Dunlap, Driller

Chas. R. Emmons, Driller James R. Bird, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25		Sand
25	140		Red shale
140	225		Gyp
225	290		Red shale
290	315		Gyp
315	330		Red shale
330	1046		Salt
1046	2232		Anhyd.
2232	2260		Red sand
2260	2350		Anhyd.
2350	2430		Anhyd. & lime
2430	2518		Anhyd.
2518	2545		Lime
2545	2555		Sandy lime
2555	2688		Lime
2688	2695		Sandy lime
2695	2722		Oil sand
2722	2745		Gray lime (TOTAL DEPTH)

16—43094-1

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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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.