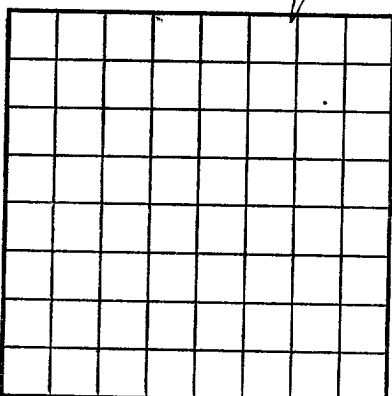




LOCATE WELL CORRECTLY

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

LOG OF OIL OR GAS WELL

Company Dixon and Yates Oil Company Address Artesia, New Mexico

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

Well No. 4 Sec. 12 T. 18 R. 29 Meridian N.M.P.M. County Eddy

Location 660 ft. (N.) of S Line and 660 ft. (E.) of E. Line of Sec. 12 Elevation

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 Ira C. Dixon

Date November 18, 1943 Title Partner

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

Commenced drilling September 22, 1943 Finished drilling November 3, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2730 to 2758 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—	
8 1/2"	375	8	Halliburton	2645' 6"	2645'	2645'			Setting
7" OD	2645' 6"								Producing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	375	50	Halliburton	Heavy	
7" OD	2645' 6"	100	Halliburton	Heavy	4 tons

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
5"		Nitor-Glycerin	120qt	3	2728-2758	2758

TOOLS USED

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

Cable tools were used from 0 feet to 2758 feet, and from feet to feet

DATES

Put to producing November 16, 1943

The production for the first 24 hours was 66 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

Dewey H. Dunlap, Driller A. G. Fred, Driller

Hilton Dunlap, Driller Leon Barker, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5		Sand
5	15		Caliche
15	80		Red bed
80	165		Red rock
165	225		Caliche
225	300		Red rock
300	330		Gyp
330	350		Red rock
350	1075		Salt
1075	1460		Anhyd.
1460	1500		Broken Anhyd.
1500	2020		Anhyd.
2020	2055		Broken Anhyd.
2055	2258		Anhyd.
2258	2282		Red sand
2282	2540		Anhyd.
2540	2555		Brown lime
2555	2730		Lime
2730	2758		Oil sand (TOTAL DEPTH)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF DE ORT 20 JUL 50

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

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REPORT OF THE BOARD OF DIRECTORS

(b) (5) DPP, (b) (5) ACP

978-0471-54269-9

It is of the greatest importance to have a complete history of the well. These should be recorded 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 balling.

HISTORY OF OIL OR GAS WELL

[illegible]