Form 9-330

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

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U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 051102-A
LEASE OR PERMIT TO PROSPECT Clint C. Ballard

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 Clin C. Ballard Field Loco Hills State New Mexico
Well No. 1-A Sec. 1 T. 18 R. 29 Meridian N.M.P.M. County Eddy
Location 990 ft. {N.} of S Line and 2310 ft. {W.} of E Line of Section 1 Elevation 3515
(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 Beth King
Date February 21, 1940 Title Secretary

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

Commenced drilling November 14th, 1939 Finished drilling December 30th, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2725 to 2750 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" O.D. Casing				2652	100 sacks cement, 5 tons Mud				
8¼" Casing				403	50 sacks cement				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	2652'	100 sacks			5 tons Mud
8¼"	403'	50			

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 2725 to 2750 with 100 quarts of Nitro-Glycerin on December 20, 1939, work done 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 2750 feet, and from feet to feet

DATES

, 19 Put to producing January 1st, 1940

The production for the first 24 hours was 120 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

R. E. Maxwell, Driller Carl Byler, Driller
Alfred Gooley, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	75		Surface sand
75	120		Redbeds
120	190		Sandy Redrock
190	245		Gyp
245	255		Red shale
255	295		Gyp
295	380		Redrock
380	400		Salt
400	505		Salt and Potash
505	520		Anhyd.
520	580		Salt
580	650		Salt and Potash
650	690		Salt
690	700		Anhyd.
700	760		Salt
760	830		Salt and Potash
830	875		Salt
875	895		Anhyd.
895	935		Salt
935	1005		Salt and potash
1005	1040		Salt
1040	1095		Anhyd.
1095	1150		Anhyd. and red shale
1150	1255		Anhyd.
1255	1300		Anhyd. and red shale
1300	1335		Anhyd.

FORMATION RECORD—Continued

16—43094-1

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1335	1450		Anhyd. and red shale
1450	1540		Anhyd.
1540	1580		Anhyd. and red shale
1580	1695		Anhyd.
1695	1730		Brown Lime and anhyd.
1730	2238		Anhyd.
2238	2270		Red sand (Top of sand 2238)
2270	2480		Anhyd.
2480	2510		Anhyd. sandy
2510	2543		Anhyd.
2543	2555		Lime (Top of Lime)
2555	2575		Gray lime
2575	2710		Lime
2710	2720		Sandy lime
2720	2750		Sand (Top of gas 2725)
2750			TOTAL DEPTH.

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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.