Form 9-330

Bureau No. 42-R355.
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Copy

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 063567
LEASE OR PERMIT TO PROSPECT
Harvey E. Yates

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Lillie M. Yates Address Box 397, Artesia, New Mexico
Lessor or Tract Harvey E. Yates Field Lake McMillan State New Mexico
Well No. 1 Sec. 7 T. 20S R. 27E Meridian N.M.P.M. County Eddy
Location 330 ft. {N.} of N Line and 2310 ft. {E.} of E Line of Section 7 Elevation
(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 Lillie M. Yates

Date February 16th, 1950 Title Owner

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

Commenced drilling December 8th, 1949 Finished drilling January 13th, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 680 to 703 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"	20#	Seamless	275	Texas Pattern					
5"	15#	Capweld	515	set with packer on bottom					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	275'	50 sacks	Halliburton		

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
4"	Eastern	Torpedo Nitroglycerin	60 qts	12-31-49	680	703

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from -0- feet to 703 feet, and from feet to feet

DATES

, 19 Put to producing January 13th, 1950

The production for the first 24 hours was 36 barrels of fluid of which % 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. M. Welch, Driller W. C. Welch, Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35		Gyp
35	40		Red sand
40	175		Anhyd. and shale
175	310		Anhyd. and lime
315	330		Lime
330	335		Red sand
335	350		Anhyd. and lime
350	355		Red shale break
355	460		Lime and anhyd.
460	500		Lime, red sand break
500	510		Red sand - lime shells
510	530		Lime
530	540		Sand & shale
540	550		Lime
550	565		Red shale & sand
565	630		Lime
630	650		Red sand and lime
650	660		Lime
660	670		Gray sand
670	680		Lime
680	703		Gray sand TOTAL DEPTH

FROM— TO— TOTAL FEET FORMATION

(OVER)

FORMATION RECORD—Continued

FOLD MARK

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.