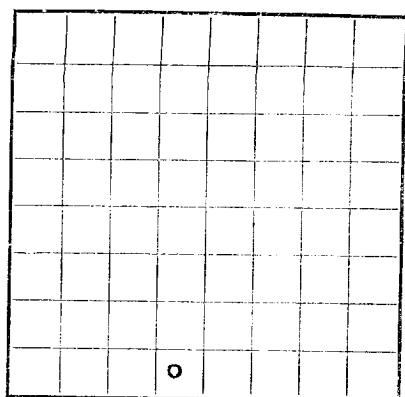


U. S. LAND OFFICE ~~Las Cruces~~
SERIAL NUMBER ~~028772 (b)~~
LEASE OR PERMIT TO PROSPECT ~~Dunn~~

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Malco-Resler-Yates Address Artesia, New Mexico
Lessor or Tract Yates-Yates Estate Dunn Field Artesia State New Mexico
Well No. 4 Sec. 11 T18S R. 28E Meridian N. M. P. M. County Eddy
Location 330 ft. ^[N.] of S Line and 2310 ft. ^[E.] of W Line of Sec. 11 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 Harold W. Barry
Date 1-9-54 Title Office Mgr.

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

Commenced drilling 11-22, 1953 Finished drilling 1-4, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2463' to 2500' No. 4, from _____ to _____
No. 2, from 2508' to 2535' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 315' to 325' 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—	
<u>8-5/8</u>	<u>24</u>	<u>8</u>	<u>SH</u>	<u>373</u>	<u>Guide</u>				<u>Surface</u>
<u>7"</u>	<u>20</u>	<u>8</u>	<u>J&L</u>	<u>2390</u>	<u>Guide</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>373</u>	<u>50</u>	<u>Denton</u>		
<u>7"</u>	<u>2390</u>	<u>50</u>	<u>Denton</u>		<u>50 barrels</u>

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
<u>Treated by Halliburton's Hydrafrac method with 3000 gallons from 2508' to 2568'.</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2581' feet, and from _____ feet to _____ feet

DATES

1-9, 1954 Put to producing 1-4, 1954

The production for the first 24 hours was _____ 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

R. O. Jacobs _____, Driller _____, Driller
Frank Sloan _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>00</u>	<u>20</u>		<u>Caliche</u>
<u>20</u>	<u>270</u>		<u>Red bed & gravel</u>
<u>270</u>	<u>315</u>		<u>Red bed & anhy.</u>
<u>315</u>	<u>325</u>		<u>Sand & water</u>
<u>325</u>	<u>368</u>		<u>Red rock</u>
<u>368</u>	<u>393</u>		<u>Red bed</u>
<u>393</u>	<u>490</u>		<u>Mud</u>
<u>490</u>	<u>500</u>		<u>Anhy.</u>
<u>500</u>	<u>650</u>		<u>Salt</u>
<u>650</u>	<u>1800</u>		<u>Anhy.</u>
<u>1800</u>	<u>1828</u>		<u>Red sand</u>
<u>1828</u>	<u>1960</u>		<u>Anhy.</u>
<u>1960</u>	<u>1970</u>		<u>Lime</u>
<u>1970</u>	<u>2070</u>		<u>Anhy.</u>
<u>2070</u>	<u>2150</u>		<u>Lime, brown</u>
<u>2150</u>	<u>2210</u>		<u>Gray lime</u>
<u>2210</u>	<u>2260</u>		<u>Lime, gray</u>
<u>2260</u>	<u>2415</u>		<u>Lime</u>
<u>2415</u>	<u>2442</u>		<u>Gray lime</u>
<u>2442</u>	<u>2454</u>		<u>Lime</u>
<u>2454</u>	<u>2463</u>		<u>Gray lime</u>
<u>2463</u>	<u>2476</u>		<u>Pink Lime</u>
<u>2476</u>	<u>2581</u> T. D.		<u>White lime (pink lime from 2506 to 2577)</u>

(OVER)

[illegible]

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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.