

U. S. LAND OFFICE New MexicoSERIAL NUMBER HM-621796LEASE OR PERMIT TO PROSPECT FederalNOBBS OFFICE 000
UNITED STATESDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

OCT 13 1959

U. S. GEOLOGICAL SURVEY
NOBBS, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Morris J. Howell Address P.O. Box 1058, Hobbs, New Mex.Lessor or Tract Federal Field Almont State New MexicoWell No. 2 Sec. 24 T. 25S R. 30E Meridian SPN County LeaLocation 1056 ft. ^{N.} of 3 Line and 1050 ft. ^{E.} of 7 Line of Sec. 25 Elevation 3100
(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 Burt J. DuttonDate October 6, 1959Title Agent

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

Commenced drilling Sept. 3, 1959 Finished drilling Sept. 14, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3100 to 3100 No. 4, from _____ to _____No. 2, from 3237 to 3240 No. 5, from _____ to _____No. 3, from 3244 to 3247 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—	
<u>8-5/8</u>	<u>32</u>	<u>8</u>	<u>Steel</u>	<u>370</u>	<u>Texas</u>				<u>Surface</u>
<u>5-1/2</u>	<u>17</u>	<u>8</u>	<u>Steel</u>	<u>3291</u>	<u>Guide - Floor</u>		<u>3100</u>	<u>3100</u>	<u>Run</u>
							<u>3237</u>	<u>3240</u>	
							<u>3244</u>	<u>3247</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>303</u>	<u>250</u>	<u>Pump</u>		
<u>5-1/2</u>	<u>3291</u>	<u>250</u>	<u>Pump</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

TOOLS USED

Rotary tools were used from 3 feet to 3292 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Sept. 28, 1959The production for the first 24 hours was 170 barrels of fluid of which 41 % was oil; _____ %
emulsion; 22 % water; and _____ % sediment. Gravity, °Bé. 29

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Travis Lovelady, Driller Ray Weaver, DrillerWhizley West, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>1098</u>	<u>1098</u>	<u>sand and redded</u>
<u>1098</u>	<u>2819</u>	<u>1721</u>	<u>Anhydrite and salt</u>
<u>2819</u>	<u>3004</u>	<u>185</u>	<u>Dolomite and anhydrite</u>
<u>3004</u>	<u>3292</u>	<u>288</u>	<u>sand and dolomite</u>
(Enclosed 2 copies of electric log)			
<u>Core #1</u>	<u>3215-3262</u>	<u>recovered 47' dolomite & sand w/scattered oil shows</u>	
<u>DRT 3279-3292 - open 2 hours. Gas surfaced 42 min. recovered 100' muddy sulphur water, heavily oil and gas cut. I.P.P. 90 P.P.P. 285 - 30 min. J.I.P. 960 p.m.i.</u>			
<u>Anhydrite</u>	<u>1098</u>		
<u>Base Salt</u>	<u>2819</u>		
<u>Yates</u>	<u>3004</u>		

FROM—	TO—	TOTAL FEET	FORMATION
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18-12004-0 U.S. GOVERNMENT PRINTING OFFICE			
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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.