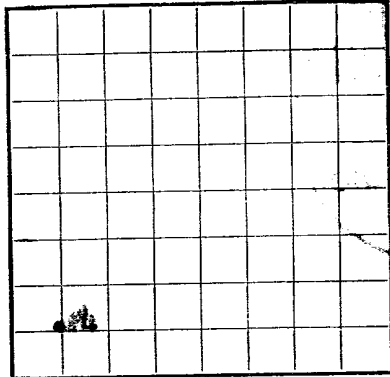


U. S. LAND OFFICE Consolidated ite
SERIAL NUMBER 14-20-604-83
LEASE OR PERMIT TO PROSPECT ite
Mountain

LOCATE WELL CORRECTLY

CON. COM.
DIST. 3UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico
Lessor or Tract ite Mountain Field Verde Gallup State New Mexico
Well No. 1 Sec. 21 T. 31N R. 1W Meridian S.M.P.M. County San Juan
Location 660 ft. N. of 5 Line and 660 ft. E. of 4 Line of Sec. 21 Elevation 5130
(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 _____

Title District SuperintendentDate July 20, 1959

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

Commenced drilling 5-29, 1959 Finished drilling 6-26, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3030 to 3145 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—	
<u>5 5/8</u>	<u>29</u>	<u>8 1/2</u>	<u>1-5</u>	<u>121'</u>					<u>Surface casing</u>
<u>5 1/2</u>	<u>14</u>	<u>8 1/2</u>	<u>1-5</u>	<u>3020</u>					<u>Oil stringer</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 5/8</u>	<u>133</u>	<u>100</u> sacks	<u>Plug & pump</u>		
<u>5 1/2</u>	<u>3030</u>	<u>250</u>	<u>Plug & 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
<u>See sand oil frac below</u>						

TOOLS USED

Rotary tools were used from _____ feet to 3120 feet, and from _____ feet to _____ feet
Cable tools were used from 3180 feet to 3145 feet, and from _____ feet to _____ feet

DATES

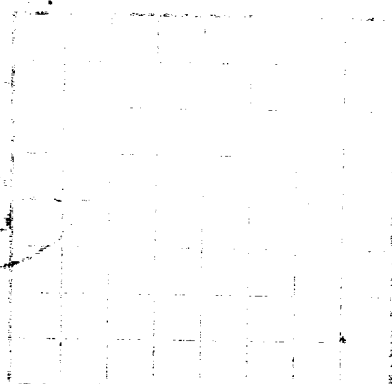
_____, 19____ Put to producing _____, 19____
See below
The production for the first 24 hours was _____ barrels of fluid of which 7-3 % was oil; 59 %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>FORMATION SUMMARY</u>
<u>Formation</u>		<u>Feet</u>	
<u>Menafee</u>		<u>791</u>	
<u>Point Lookout</u>		<u>1466</u>	
<u>Mancos</u>		<u>1807</u>	
<u>Gallup</u>		<u>2322</u>	
<u>Lower Gallup</u>		<u>3024</u>	
			<u>POTENTIAL TEST</u>
<u>Single Oil Well Completion - Pumping</u>			
<u>On potential test thru open hole 3030-3145 pumped 126 MGD 24 hrs - 13-45" SPH</u>			
<u>gas 50 1/2" plate - 19.6 MCF GOR 154-1 - gr 40.4° - 60° - completed test 11 a.m.</u>			
<u>7/4/59 - 2/10% GOR - daily allow 54 BOPD.</u>			

[illegible]

LEW EAD RO HO YO OCA

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 dewatered, 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.

HISTORY OF OIL OR GAS WELL.

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

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LOG OF OIL OR GAS WELL

Page 2

ATTACHMENT

CORE RECORD

Core #1 3033-63 Rec 30'

3033-58 - hd black shale N. S.

3058-63 - hd black shale w/sand strings N. S.

Core #2 3063-93 - Rec 30'

3063-82 - Shale hard black N.S. no frac

3082-93 - Sand F-M.G. trace blk shale partings fairly tight
shaley 1' vertical fractures @ 3083-84 bottom 1' blk shale

Core #3 3093-3120 - Rec 27'

3093-3120 - Siltstone dk gray slightly sandy no frac N. S.

ACIDIZING

Flowed sand oil frac open hole 3030-3145 w/ 4000 gals lse crude + 5000# 10-20 mesh sand. No BOP, 60 BPM @ 1100#, CP 1100-3500, av rate 40 BPM. CP 1100-3000#, flush CP 3500#, 6-10 BPM (2000-3500).

SUMMARY OF OPERATIONS

5-20-59 Staked location
5-29-59 Commenced drilling (start date).
5-31-59 Ran 8 5/8" csg.
6-12-59 Welox ran electric log
6-12-59 Ran 5 1/2" csg.
6-12-59 B&R Service, Inc. ran temp survey
6-14-59 Core #1 & 2
6-15-59 Core #3
6-16-59 Empire ran Acoustic-Gamma log
6-16-59 Rig released
6-22-59 Moved in J. P. Bum - Gibbons Cable Tools drig. 3120'-3145'.
6-26-59 Halliburton sand oil frac open hole 3030-3145
6-28-59 Ran 2" tbg
6-28-59 Released J.P. Bum Gibbons Rig
7-4-59 Potential test completed.

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