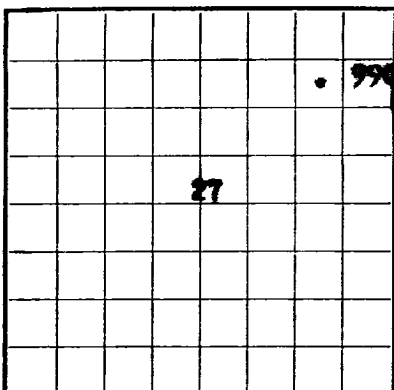




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM - 01453
LEASE OR PERMIT TO PROSPECT Nascon-Federal

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico
Lessor or Tract Nascon-Federal Field Undesignated P.C. State New Mexico
Well No. 1 Sec. 27 T. 24N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N of 1 Line and 990 ft. E of 1 Line of Section 27 Elevation 7221'
(Derrick base 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 G. S. Young, Jr.Date August 20, 1958 Title District Superintendent

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

Commenced drilling July 24, 1958 Finished drilling July 29, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from (G) 2877 to 2894 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>8 5/8</u>	<u>294</u>	<u>5</u>	<u>DA</u>	<u>298'</u>					<u>Surface string</u>
<u>5 1/2</u>	<u>2950</u>	<u>5</u>	<u>DA</u>	<u>2942</u>			<u>2877</u>	<u>2894</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>307</u>	<u>200 sks</u>	<u>Pump & plug</u>		
<u>5 1/2</u>	<u>2950</u>	<u>125 sks</u>	<u>Pump & plug</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 2950 feet, and from _____ feet to _____ feet

DATES

_____, 1958 Put to producing not in writing on connections, 19_____
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. 1592

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>2688</u>	<u>2760</u>	<u>72</u>	<u>Ojo Alamo</u>
<u>2760</u>	<u>2842</u>	<u>82</u>	<u>Kirtland Fruitland</u>
<u>2842</u>	<u>2894</u>	<u>52</u>	<u>Pictured Cliffs</u>
<u>2894</u>	<u>2950</u>	<u>56</u>	<u>Lewis</u>

SUMMARY OF OPERATIONS

7-24-58 Commenced drilling operations (Spud Date)
7-25-58 Set 298' of 8 5/8" csg., cemented on bottom w/200 sks circulated.
7-26-58 Tested 8 5/8" csg. w/700' for 30 minutes, held OK.
7-29-58 Schlumberger ran Induction-Electrical log.
7-29-58 Schlumberger ran Microlaterolog
7-30-58 Set 2942' 5 1/2" csg. cemented on bottom w/125 sks.
7-30-58 M&R Service, Inc. ran temperature survey, top cement @ 1700'.
7-30-58 Test 5 1/2" csg. w/800' for 30 minutes, held OK.
7-30-58 Wash out cement 5 1/2" csg to 2917' FSTD
7-31-58 McCullough Tool Company ran Gamma Ray-Neutron log.
7-31-58 McCullough Tool Company perforated 5 1/2" csg. 2877-94.
7-31-58 Dowell Inc. sand water frac w/51000 gals water + 25500# sand.
8- 2-58 Ran 2867' (22 Jbs) 2" tubing set @ 2873', seating nipple @ 2843.
8- 2-58 Released rig 6:00 AM.
8-12-58 SI 8:00 AM for potential test.
8-19-58 Potential test completed.

CHECKED

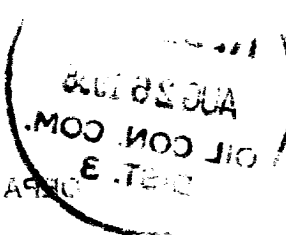
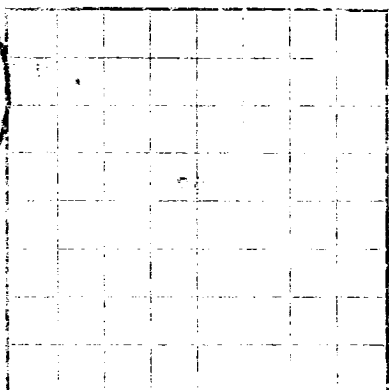
ED

APPROVED

(OVER)

APPROVED

13-43094-4



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Name _____
Lessor or Trust _____
Well No. _____ Sec. _____ T. _____ R. _____
Location is _____ of _____
The information given here with a complete and correct record of the well and all work done thereon
so far as can be determined from all available records
Signed _____
Date _____

The summary on this page is to be filled in by the driller or his representative
Commenced drilling _____

OIL OR GAS SANDS OR FORMS

No. 1 from _____
No. 2 from _____
No. 3 from _____

IMPORTANT WATER SANDS

No. 1 from _____
No. 2 from _____
No. 3 from _____

CRUISING RECORD

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 the 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.

HISTORY OF OIL OR GAS WELL

10-48004-2 U. S. GOVERNMENT PRINTING OFFICE									
MIDDING AND CEMENTING RECORD									
Shooting		Witness		Number and element		Method used		Kind and quantity	
PLUGS AND ADAPTERS									
Hearing plug—Material		Adapter—Material		Length		Depth		Amount of material	
SHOOTING RECORD									
Size		Date		Depth		Kind of material		Amount of material	
TOOLS USED									
Rotary tools were used from		Cable tools were used from		Test to		Test to		Test to	
DATES									
EMPLOYEES									
FORMATION RECORD									
FROM—		TO—		TOTAL FEET		FORMATION			

NAME | COLOR