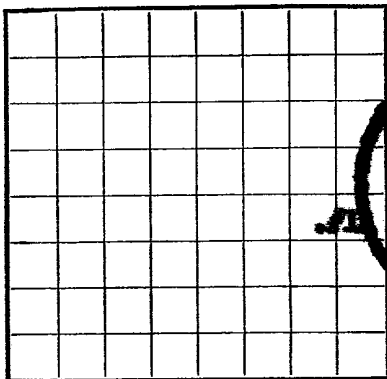
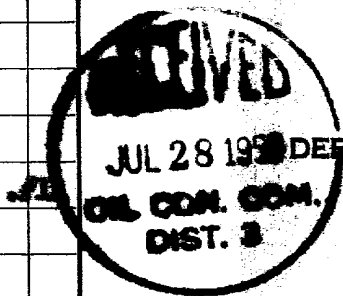


Sec. 14

INDIAN LAND

U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER Contr #14-20-603-2021
LEASE OR PERMIT TO PROSPECT Tract #140

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico
Lessor or Tract Navajo "A" Field Horseshoe Gallup State New Mexico
Well No. 11 Sec. 14 T 31N R. 17W Meridian 108W County San Juan
Location 2045 ft. N. of 3 Line and 605 ft. W. of 1 Line of Sec. 14 Elevation 5780
(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

Date July 16, 1959Title District Superintendent

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

Commenced drilling 6-18-59, 19____ Finished drilling 6-24-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1334 to 1352 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—	
8 5/8	204	8 1/2	EW	100					Perforated casing
5 1/2	140	8 1/2	EW	100					Perforated casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	113	100	Plug & pump		
5 1/2	1405	100	Plug & pump		

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
See below						

TOOLS USED

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

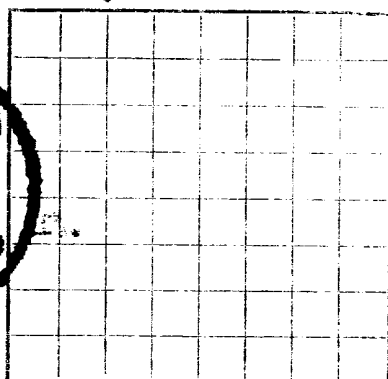
DATES

_____, 19____ Put to producing _____, 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 _____

FOLD MARK



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

UNITED STATES

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 _____

Date _____

Location N. 1/4 of Line and 10 ft W. 1/4 of Line of Sec. 16 T. 17 N. R. 12 E. Meridian County State

Lessor or Tract _____

Company _____

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

Completed drilling 19.....
Finished drilling 19.....

OIL OR GAS SANDS OR ZONES

(1) H^+ and OH^- ions

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

IMPORTANT WATER SANDS

No. 1 from	No. 8, 1897
No. 2 from	No. 4, 1897

PROCES DE LEAD

Serial	Weight per foot	Length in feet	Make	Amount	Kind of loss	Amount paid from	From - To -	Particulars
1	100	10	...	...	...	...	...	...

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 "struck" or left in the well, give location and location. If the well has been dynamited, give date, size, position, and number of shots. If things or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

No.	Where used	Number sets of forms	Method used	Kind of work	Amount of time used
1076	CL	19			
1077	CL	18			

PLUGS AND ADAPTERS

Adapters—Material	Size	Heaving plug—Material	Length	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
12 1/2						

TOOLS USED

Booby tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

ESTAC

The production for the first 24 hours was 100 tons of water and 100 tons of sediment.

If we add up all the production for the first 24 hours we get 100 tons of water and 100 tons of sediment.

LOG OF OIL OR GAS WELL
PAGE 2
ATTACHMENT

SUMMARY OF OPERATIONS

6- 2-59 Location
6-17-59 Move in rotary
6-18-59 Spud @ 3:00 p.m. Install 8 5/8" csg
6-21-59 Install 5 1/2" csg
6-23-59 Perf 5 1/2" csg 1334-52 Sand Oil free
6-24-59 G/O sand to 1292-1305
6-24-59 Ran 2" tbg
6-25-59 Start recovering lead oil
7- 7-59 Commence NMOCC potential test
7- 8-59 Complete NMOCC potential test