

14

INDIAN LAND

U. S. LAND OFFICE - ~~Native~~ - ~~Indian~~

SERIAL NUMBER ~~Can. 21-20-603-2092~~

LEASE OR PERMIT TO PROSPECT **Tract 140**
Navajo "A"

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OR
RECEIVED

AUG 20 1959

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico

Lessor or Tract Navajo Field Horseshoe Gallup State New Mexico

Well No. 16 Sec. 14 T. 11N R. 17W Meridian N.M.P.M. County San Juan

Location 660 ft. N of 1 Line and 1500 ft. W of 1 Line of Sec. 14 Elevation 5367
(Derive 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 1 J. Young, Jr

Date August 20, 1959 Title District Superintendent

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

Commenced drilling 7-25, 1959 Finished drilling 7-31, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
0-1/2	1.1	12	100	100	100	100	100	100	100
1-1/2	1.1	12	100	100	100	100	100	100	100
2-1/2	1.1	12	100	100	100	100	100	100	100
3-1/2	1.1	12	100	100	100	100	100	100	100
4-1/2	1.1	12	100	100	100	100	100	100	100
5-1/2	1.1	12	100	100	100	100	100	100	100
6-1/2	1.1	12	100	100	100	100	100	100	100
7-1/2	1.1	12	100	100	100	100	100	100	100
8-1/2	1.1	12	100	100	100	100	100	100	100
9-1/2	1.1	12	100	100	100	100	100	100	100
10-1/2	1.1	12	100	100	100	100	100	100	100
11-1/2	1.1	12	100	100	100	100	100	100	100
12-1/2	1.1	12	100	100	100	100	100	100	100
13-1/2	1.1	12	100	100	100	100	100	100	100
14-1/2	1.1	12	100	100	100	100	100	100	100
15-1/2	1.1	12	100	100	100	100	100	100	100
16-1/2	1.1	12	100	100	100	100	100	100	100
17-1/2	1.1	12	100	100	100	100	100	100	100
18-1/2	1.1	12	100	100	100	100	100	100	100
19-1/2	1.1	12	100	100	100	100	100	100	100
20-1/2	1.1	12	100	100	100	100	100	100	100
21-1/2	1.1	12	100	100	100	100	100	100	100
22-1/2	1.1	12	100	100	100	100	100	100	100
23-1/2	1.1	12	100	100	100	100	100	100	100
24-1/2	1.1	12	100	100	100	100	100	100	100
25-1/2	1.1	12	100	100	100	100	100	100	100
26-1/2	1.1	12	100	100	100	100	100	100	100
27-1/2	1.1	12	100	100	100	100	100	100	100
28-1/2	1.1	12	100	100	100	100	100	100	100
29-1/2	1.1	12	100	100	100	100	100	100	100
30-1/2	1.1	12	100	100	100	100	100	100	100
31-1/2	1.1	12	100	100	100	100	100	100	100
32-1/2	1.1	12	100	100	100	100	100	100	100
33-1/2	1.1	12	100	100	100	100	100	100	100
34-1/2	1.1	12	100	100	100	100	100	100	100
35-1/2	1.1	12	100	100	100	100	100	100	100
36-1/2	1.1	12	100	100	100	100	100	100	100
37-1/2	1.1	12	100	100	100	100	100	100	100
38-1/2	1.1	12	100	100	100	100	100	100	100
39-1/2	1.1	12	100	100	100	100	100	100	100

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	116'	100	Flag & pump		
5-1/2	1180'	100	Flag & 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 0 feet to 110 feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

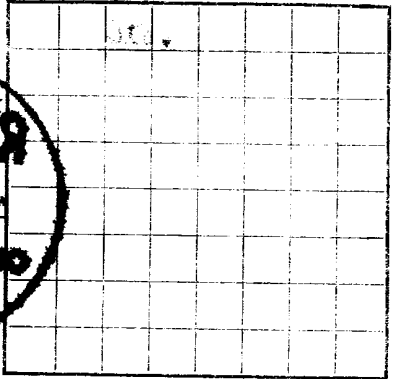
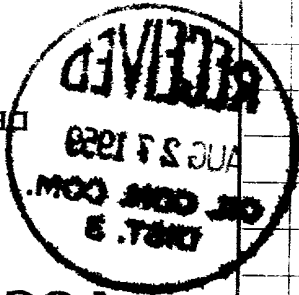
The production for the first 24 hours was ----- barrels of fluid of ~~which~~ ^{below} % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

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

Rock pressure, lbs. per sq. in. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____ Sec. _____ T. _____ R. _____
Location _____ of _____ Line and _____ of _____
Elevation _____
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 _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 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	Performed	Purpose
							From _____ To _____	

This 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 added, 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.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heavy plug _____ Material _____
Adapter _____ Material _____
Depth set _____

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 _____ feet, and from _____ feet to _____ feet.

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% water; and _____% sediment.
If gas well, cu. ft. per 24 hours _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, °Be. _____
Put to producing _____
19 _____

ATTACHMENT - LOG OF OIL OR GAS WELL
NAVAJO "A" #16

COMPLETION OPERATION

House s/o frac 24,000 gals lse. crude + 48,000# 10-20 sand, break down 3500#. Max. tr. 4000#, min. tr. 1350# - sv. ind. 39 EPN - 5 min. SI 500# - 12:05 p.m. 7-30-59
20 rubber balls + 20 gals MCA, 12000 gals lse. crude + 24,000# sand + 20 rubber balls 1500-4000# - no break. Released pressure to remove balls + 200 gals MCA 1350#.

SUMMARY

7-12-59	Location staked.
7-24-59	Clear & level location.
7-25-59	Move in & HURT.
7-25-59	Start drlg. 2 p.m.
7-25-59	Install 8-5/8" csg.
7-28-59	Install 5-1/2" csg.
7-28-59	Ran Schl. Ind.-GR sonic.
7-30-59	Well perf.
8-13-59	Put on potential 2 p.m.
8-14-59	Completed potential.