Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Navajo
SERIAL NUMBER Contr.
LEASE OR PERMIT TO PROSPECT Tract
Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Magnolia Petroleum Company Address New York, New York

Lessor or Tract Navajo Field Horseshoe Dome State New Mexico

Well No. 1 Sec. 22 T. 32 R. 17 Meridian County San Juan

Location ft. {N. / S.} of Line and ft. {E. / W.} of Line of Sec. 22 Elevation (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 W. Young, Jr.

Date June 1, 1959 Title District Superintendent

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

Commenced drilling 5-2, 19 Finished drilling 5-22, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1[illegible] to 1[illegible] 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 From—	Perforated To—	Purpose
8-5/8	[illegible]	[illegible]	[illegible]	1[illegible]					Surface [illegible]
5-1/2	14#	[illegible]	[illegible]	1[illegible]			1[illegible]	1[illegible]	oil [illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1[illegible]	[illegible]	[illegible]		
5-1/2	1[illegible]	1[illegible]	[illegible]		

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 1[illegible] feet, and from feet to feet

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

DATES

, 19 Put to producing June 1, 19

The production for the first 24 hours was [illegible] barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. [illegible]

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
			[illegible]
			Swell st[illegible] oil [illegible] pump w/pl, [illegible] Inc. [illegible] 1[illegible]-2[illegible] fresh sand - br. down 3[illegible], [illegible]. br. 1[illegible], [illegible]. br. [illegible] - [illegible], dropped 20 balls, no press. change, dropped 20 balls, no press. c[illegible] - [illegible] 20, [illegible] sand - dropped 20 balls, press. 1[illegible] - 1[illegible] - 1[illegible] + 1,[illegible] sand - dropped [illegible] balls, press. 1050 - 1[illegible] - 1[illegible] - av. inj. 3[illegible] - [illegible]. [illegible] in 3 min. - then vac. 10:10 a.m. 5-26-59.
			[illegible]
1[illegible]3	1[illegible]	1 jet show	
1[illegible]1	1[illegible]	[illegible] jet shows	
			[illegible]
131[illegible]	Lower [illegible]		
1[illegible]3	Horse [illegible]	sand	
11[illegible]	Dessert [illegible]	sand	
			[illegible]
April 17	Location		
" 1[illegible]	[illegible]		
" 19	[illegible] - [illegible]	[illegible]	[illegible]
" 21	[illegible] w/oil		
			[illegible]

[OVER]

16—43004-3

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

SUMMARY (Continued)

May 22	WOC 5½" csg. Released rig 11 p.m. 5/22/59. Schlumberger ran induction, GR-Sonic logs @ 1580 to 1556'.
" 23	Western ran depth control log to 1522.
" 25	Western perf. 5½" csg. 1403-12, 1516-48-82.
" 26	Dowell sand oil frac perf w/41,000 gals lse crude. Clean out sand 1524-1549 w/sand pump. Ran 2" 1544'.
June 8	Put on NMOCC potential test.
" 9	Completed NMOCC potential test.