Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

Section 19

.1

LOCATE WELL CORRECTLY

INDIAN LANDS

U. S. LAND OFFICE Mescalero Tribal
SERIAL NUMBER Contr. 6662
LEASE OR PERMIT TO PROSPECT Mescalero "L"

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 Mescalero "L" Field Blanco State New Mexico

Well No. 1 Sec. 19 T. 23N R. 24 Meridian N.M.P.M. County Sandoval

Location 990 ft. {N./S.} of N Line and 990 ft. {E./W.} of W Line of Sec. 19 Elevation 7415
(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 C. S. Young, Jr.

Date October 28, 1958 Title District Superintendent

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

Commenced drilling 9-27, 1958 Finished drilling 10-7, 1958

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3118 to 3129 G No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

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OIL CON. COM.
DIST. 3

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	28#	8-rd	LP cmg	296'					Surface string
5 1/2	14#	8-rd	LP cmg	3236'			3118	3129	Oil string

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	306	200	Pump & plug		
5 1/2	3236	145	Pump & plug		

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 0 feet to 3250 feet, and from ____ feet to ____ feet

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

DATES

October 27, 1958 Put to producing Shut in waiting on connections.

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 Gas below ____ 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
2700	2886	186	Ojo Alamo
2886	3118	232	Kirtland Fruitland
3118	3183	65	Pictured Cliffs
3183	3250	67	Lewis

Perforations

Perforated 5½" csg 3118-3129 w/22 Jet shots.

Potential

Potential test Pictured Cliffs Zone completed October 27, 1958. After shut in 168 hrs TP 752#, CP 790#. Flowed well 3 hrs on 3/4" choke. Gas @ rate of 708 MCF/day. TP 109#, CP 161#. Calculated absolute open flow 720 MCF/day.

Summary

9-20-58 Location Staked.
9-27-58 Commenced drilling operations (Spud date).
9-28-58 Ran 296' (7 jts) 8 5/8" csg set @ 306 cemented w/200 sks, circ. PD 12:15 PM. WOC.

FROM— TO— TOTAL FEET FORMATION

[OVER]

16—43094-4

FORMATION RECORD—Continued

FOLD | MARK

Budget Bureau No. 42-R356.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE [illegible]
SERIAL NUMBER [illegible]
LEASE OR PERMIT TO PROSPECT [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company [illegible] Address [illegible]

Lessor or Tract [illegible] Field [illegible] State [illegible]

Well No. 1 Sec. [illegible] T. [illegible] R. [illegible] Meridian [illegible] County [illegible]

Location [illegible] ft. of [illegible] Line and [illegible] ft. of [illegible] Line of [illegible] Elevation [illegible]
(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 [illegible]

Date [illegible] Title [illegible]

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

Commenced drilling [illegible], 19[illegible] Finished drilling [illegible], 19[illegible]

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from [illegible] to [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	29#	[illegible]	[illegible]	[illegible]					[illegible]

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.

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

MUDDING AND CEMENTING RECORD

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

FOLD MARK

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 [illegible] feet to [illegible] feet, and from .... feet to .... feet

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

DATES

[illegible], 19[illegible] Put to producing [illegible]

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 [illegible] 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]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION