Form 9-330

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

U. S. LAND OFFICE Navajo
SERIAL NUMBER Window Rock 12-20-603-4877
LEASE OR PERMIT TO PROSPECT

RECEIVED AUG 24 1959 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Mesa Retailers, Inc. Address 102 South Second Street, Artesia, N.M.

Lessor or Tract Mesa Retailers, Inc. Field Seven Lakes State New Mexico

Well No. 1 Sec. 20 T. 18N R. 10W Meridian N.M.P.M. County McKinley

Location 660 ft. ~~N.~~ S. of N Line and 660 ft. E. ~~W.~~ of W Line of Sec. 20 Elevation 6493
(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 Flora Duke

Date August 11, 1959 Title Bookkeeper

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

Commenced drilling July 23, 19 59 Finished drilling August 3, 19 59

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 400 to 415 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 490 to 620 No. 3, from ____ to ____

No. 2, from 905 to 1035 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
4 1/2"	9.5	8	make	950	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2"	950	250	Halliburton		

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 2857 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 ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

H. F. Carroll, Driller ____, Driller

R. A. Mayfield, Driller Homer Allen, Driller

J. R. Greene

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	329	329	Sand & gravel & shale
329	415	86	Shells, shale sand
415	431	16	Core #1
431	795	364	Shale
795	955	160	Shale - Gummy
955	1045	90	Shale & sand
1045	1254	209	Sandy shale
1254	1469	215	Shale
1469	1630	161	Sand
1630	1762	132	Sandy shale
1762	2228	466	Shale & sand
2228	2380	152	Streaky shale & lime
2380	2430	50	Shale
2430	2510	80	Shale & lime
2510	2857 T.D.	347	Shale & sand

FOLD MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

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