COPY TO O. C. C.

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

Form 9-330

HOBBS
HOBBS OFFICE OCC

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032452-A(a)
LEASE OR PERMIT TO PROSPECT Hughes A2

SEP 8 AM 9:35

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Samedan Oil Corporation Address Box 2137, Hobbs, New Mexico

Lessor or Tract Hughes A2 Field Langlie-Mattix State New Mexico

Well No. 8 Sec. 9 T. 23S R. 37E Meridian NMPM County Lea

Location 660 ft. [N.] of S Line and 660 ft. [E.] of E Line of 9-23S-37E Elevation 3293.5 GL
(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 September 2, 1959 Title District Engineer

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

Commenced drilling July 27, 19 59 Finished drilling August 6, 19 59

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3504 to 3620 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 70 to 350 No. 3, from ____ to ____

No. 2, from 655 to 860 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	32.0	8	Pittsburg	355'	None				
4 1/2	9.5	8	Republic	3639	Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	355'	208	Halliburton	10.1	Native
4 1/2	(D.V. 1152')	150	Halliburton	10.1	
4 1/2	3639'	250	Halliburton	10.4	Chemical

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 0 feet to 3640 feet, and from ____ feet to ____ feet

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

DATES

September 2, 1959, 19 Put to producing August 15, 19 59

The production for the first ~~24~~ 2:12 hours was 72 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

B. G. Campbell, Driller M. J. Botkin, Driller

Roy Solomon, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	655'	655'	Caliche, Sand and Red Beds
655'	1095'	440'	Red Beds and Sand
1095'	1175'	80'	Anhydrite
1175'	2450'	1275'	Anhydrite and Salt
2450'	3465'	1015'	Dolomite, Anhydrite, Shale
3465'	3640' (TD)	175'	Sand, Dolomite, w/Oil Stain and Porosity in Sand
			Top Yates: 2653'
			Top Penrose: 3465'

[OVER]

16—43094-4

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.