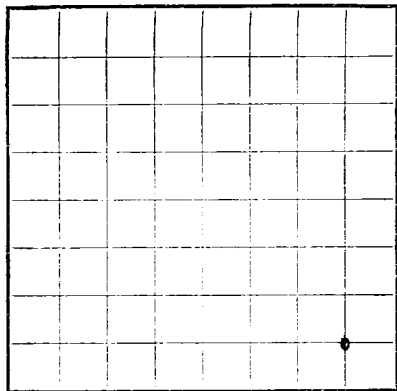




LOCATE WELL CORRECTLY

HOBBS
HOBBS OFFICE OCC

U. S. LAND OFFICE ----- Las Cruces
SERIAL NUMBER ----- 032452-~~1~~(a)
LEASE OR PERMIT TO PROSPECT ----- Hughes #2

SEP 8 1935
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 (Break 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, 1959 Finished drilling August 6, 1959

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

[illegible]

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

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, 1959 Put to producing August 15, 1959

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

<u>B. G. Campbell</u>	Driller	<u>M. J. Botkin</u>	Driller
<u>Roy Solomon</u>	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'

FORMATION RECORD—Continued

[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 pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.