

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company Samedan Oil Corporation Address 502 V & J Tower - Midland, Texas

Lessor or Tract Hughes "A-2" Field Langlie-Mattix State New Mexico

Well No. 10 Sec. 9 T23-S R. 37-E Meridian NMPM County Lea

Location 1650 ft. N. of S Line and 660 ft. W. of E Line of Section 10 / 23-S, 37-E Elevation 3294 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 W. L. Williams

Date October 16, 1961 Title Production Superintendent

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

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Commenced drilling 9-26-, 1961 Finished drilling 10-3-, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3520' to 3632' 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 100' to 377' No. 3, from _____ to _____
No. 2, from 678' to 910' 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	374	175	Pump&Plug		Native
5-1/2	(DV 1146)	75			
5-1/2	3664	200	Pump&Plug		Chemical

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size

SHOOTING RECORD

[illegible]

TOOLS USED

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Retary tools were used from 0 feet to 3665 feet, and from _____ feet to _____ feet

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

DATES

Put to producing October 14, 1961

The production for the first 24 hours was 132 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

EMPLOYEES

<u>J. W. Dyer</u>	Driller	<u>L. L. Fraley</u>	Driller
<u>W. J. Botkin</u>	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	910'	910'	Caliche, Sand & Redbeds
910'	1116'	206'	Redbeds, Sand & Gyp
1116'	2450'	1334'	Anhydrite & Salt
2450'	3475'	1025'	Dolomite, Anhydrite & Shale
3475'	3661'	186'	Sand & Dolomite w/oil Stain & Porosity
			Top Yates: 2671'
			Top Penrose: 3475'

FORMATION RECORD—Continued

HISTORY OF OIL OR GAS WELL

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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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