

COPY TO O. C. C.

NOTED

AUG 25 1960

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE Las CrucesSERIAL NUMBER 032452 (b)

LEASE OR PERMIT TO PROSPECT

HOBBS OFFICE

HOBBS

STANDLEY

1960 AUG 30 AM 8:05

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

AUG 24 1960

U. S. G. S.
HOBBS, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Samedan Oil Corporation Address 502 V & J Tower, Midland, Texas
Lessor or Tract Hughes "B6" Field Langlie-Mattix State New Mexico
Well No. 10 Sec. 19 T. 23S R. 37E Meridian NMPM County Lea
Location 2310 ft. N. of N. Line and 660 ft. E. of W. Line of Section 19 Elevation 3338.5 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

*B. M. Vachal*Date August 23, 1960

Title

B. M. Vachal
Engineer

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

Commenced drilling July 23, 19 60 Finished drilling July 30, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2710 to 3180 G No. 4, from _____ to _____
No. 2, from 3427 to 3490 G No. 5, from _____ to _____
No. 3, from 3512 to 3554 OIL 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		Purpose
							From—	To—	
8-5/8	24	8	CIAR	342'	Texas Pat.	--	3513	3525	Oil Well
4-1/2	9.5	8	CIAR	3564'	PC shoe	--	3529	3536	
2-3/8	4.7	8	CIAR	3427'	--	--	3534	3536	
Note: 4-1/2 DV Tool set at 1227'.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>342</u>	<u>220</u>	<u>Halliburton</u>	<u>30</u>	<u>Native</u>
<u>4-1/2</u>	<u>3564</u>	<u>200</u>	<u>Halliburton</u>	<u>40</u>	<u>Chemical</u>
<u>4-1/2 DV Tool</u>		<u>125</u>	<u>Halliburton</u>	<u>40</u>	<u>Chemical</u>

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 3564 feet, and from _____ feet to _____ feet

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

DATES

August 23, 19 60 Put to producing August 7, 19 60The production for the first 27 hours was 36 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 34.8

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. E. Bingham, Driller L. L. Fraley, DrillerW. J. Botkin, Driller M. L. Southerland, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>200</u>	<u>200</u>	<u>Surface sand and caliche, possible water 140' to 160', appears very poor.</u>
<u>200</u>	<u>650</u>	<u>450</u>	<u>Red Bed Shale and Caliche</u>
<u>650</u>	<u>910</u>	<u>260</u>	<u>Sand and Shale</u>
<u>910</u>	<u>1170</u>	<u>260</u>	<u>Red Shale</u>
<u>1170</u>	<u>1270</u>	<u>100</u>	<u>Anhydrite (Top Anhydrite 1170)</u>
<u>1270</u>	<u>2660</u>	<u>1390</u>	<u>Salt and broken Anhydrite</u>
<u>2660</u>	<u>2710</u>	<u>50</u>	<u>Anhydrite</u>
<u>2710</u>	<u>2940</u>	<u>230</u>	<u>Anhydrite and Sand, Top Yates 2710</u>
<u>2940</u>	<u>3160</u>	<u>220</u>	<u>Sand and Anhydrite - Seven River Zone</u>
<u>3160</u>	<u>3427</u>	<u>267</u>	<u>Anhydrite, Shale and Sand</u>
<u>3427</u>	<u>3490</u>	<u>63</u>	<u>Sand and Anhydrite and Dolomite, Top Queen Sand 3427</u>
<u>3490</u>	<u>3512</u>	<u>22</u>	<u>Anhydrite, Broken Sand and Dolomite</u>
<u>3512</u>	<u>3554</u>	<u>42</u>	<u>Sand with broken Dolomite and Anhydrite, Top Pay 3512</u>
<u>3554</u>	<u>3564</u>	<u>10</u>	<u>Dense Dolomite and Anhydrite</u>

[OVER]

16-43094-4

SECRET

Z-78087-91

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 "sinker-bored" or left in the well, give the size and location. If the well has been drilled, 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.

FORMATION RECORD—Continued

FROM—

—OL

TOTAL FEET

FORMATION