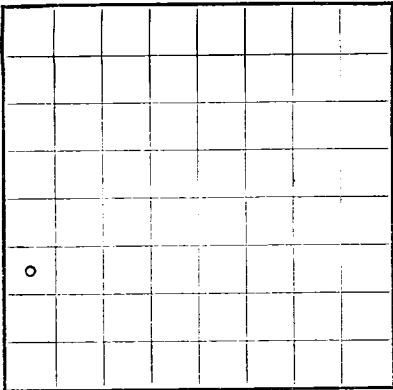




NOTED
NOV 20 1961
STANDLEY

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Samedan Oil Corporation Address 502 V & J Tower - Midland, Texas
Lessor or Tract Hughes "A2" Field Langlie-Mattix State New Mexico
Well No. 11 Sec. 10 T. 23S R. 37E Meridian NMPM County Lea
Location 1650 ft. N of S Line and 330 ft. E of W Line of Section 10 Elevation 3291.6 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 [Signature]
Date November 13, 1961 Title Production Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling October 19, 1961 Finished drilling October 27, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3510' to 3635' 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 110' to 290' No. 3, from _____ to _____
No. 2, from 640' to 915' 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		375	None				
5-1/2	14	8		3677	Guide		3518	3636	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	375	175	Pump & Plug		Native
5-1/2	(DV 1157)	50			
5-1/2	3677	150	Pump & Plug		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 3679 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 10, 1961
The production for the first 24 hours was 192 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

John H. Dukeminier, Driller B. G. Campbell, Driller
W. J. Botkin, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	920'	920'	Caliche, Sand & Redbeds
920'	1127'	207'	Redbeds, Sand & Gyp
1127'	2470'	1343'	Anhydrite & Salt
2470'	3495'	1025'	Dolomite, Anhydrite & Shale
3495'	3679'	184'	Sand & Dolomite with Oil Stain & Porosity
LOG FORMATION TOPS			
Top Anhydrite		1127'	
Top Salt		1189'	
Base Salt		2470'	
Top Yates		2645'	
Top Penrose Sand		3482'	
NOTE: All depths & Tops are log tops which are 10' shallower than sample and drilling depths.			

STANDARD
NOV 10 1961
NOTED

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.

HISTORY OF OIL OR GAS WELL