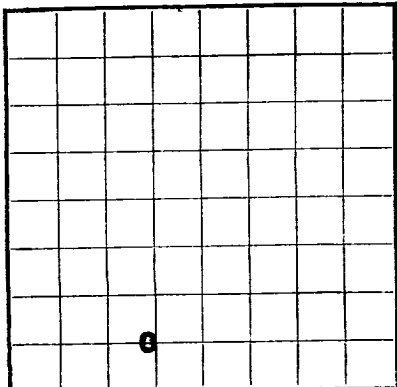


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079008-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Haynes & V. T. Drilling Co. Address 1725 N. Grant, Odessa, Texas
Lessor or Tract A. L. Duff Field Wildcat State New Mexico
Well No. 1 Sec. 3 T21N R. 7W Meridian N.M.P.M. County Sandoval
Location 660 ft. N. of 5 Line and 980 ft. E. of W. Line of Sec. 3 Elevation 6773
(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 E. J. Young Title Office Manager

Date January 8, 1956

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

Commenced drilling December 8, 1956 Finished drilling December 29, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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 None 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	Run in		Purpose
							From—	To—	
<u>8-5/8</u>	<u>28 1/2</u>	<u>8RT</u>	<u>JAL</u>	<u>160'</u>	<u>Guide</u>				<u>Surface</u>
HISTORY OF OIL OR GAS WELL									

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>169</u>	<u>100</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ NONE 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 Surface feet to 4528 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P & A December 30, 1956 Put to producing Dry Hole, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Dean Smith, Driller Les F. Barbee, Driller
M. W. Barbee, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>170</u>	<u>170</u>	<u>Sand</u>
<u>170</u>	<u>487</u>	<u>497</u>	<u>Sand & Shale</u>
<u>667</u>	<u>1567</u>	<u>900</u>	<u>Shale</u>
<u>1567</u>	<u>4528</u>	<u>2961</u>	<u>Sand & Shale</u>
GEOLOGICAL TOPS			
FORMATION	DEPTH	THICKNESS	SUBSEA DATUM
Tertiary			
Animas	0	250 ft.	?
Ojo Alamo	250	210	/6531
Upper Cretaceous			
Kirtland-Fruitland	460	390	/6321
Pictured Cliffs	850	208	/5931
Lewis	1058	530	/5723
Cliff House	1588	672	/5193
Menefee	2260	959	/4521
Point Lookout	3219	131	/3562
Mancos	3350	846	/3431
"Skelly Zone"	4196	119	/2585
Lower Gallup	4315	171	/2466
Mancos Shale	4486	?	/2295
TOTAL DEPTH		<u>4528 ft.</u>	

