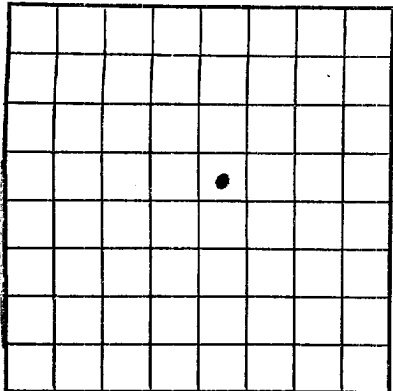


U. S. LAND OFFICE
SERIAL NUMBER SP 080511
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company M. J. Florence Address Aztec, N. M.
Lessor or Tract HAURINGTON Field Large Canyon State N. M.
Well No. 4 Sec. 31T. 27 Meridian N. M. County Rio Arriba
Location 2140(N.) of N Line and 2250(E.) of W Line of _____ Elevation 6056
(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 M. J. Florence
Title Owner

Date June 10, 1952

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

Commenced drilling Mar 17, 1952, 19____ Finished drilling June 3, 1952, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2204 to 2286 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 _____ 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—	
<u>5 1/2</u>				<u>2283</u>			<u>2170</u>	<u>2276</u>	

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>100</u>	<u>50</u>	<u>Lane Well's Perforator</u>		
<u>5 1/2</u>	<u>2283</u>	<u>140</u>	<u>Dowell Stralofrac</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
		<u>SNB</u>	<u>244 lbs</u>	<u>10-4-52</u>	<u>2221-2270</u>	

TOOLS USED

Rotary tools were used from _____ feet to 2300 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 18, 1952, 19____ Put to producing _____, 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 470 MCF/d Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 864 psi (shut-in July 2, 1952)

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
TOPS:			
<u>0</u>	<u>1540</u>	<u>1540</u>	<u>Sands and shale</u>
<u>1540</u>	<u>2204</u>	<u>664</u>	<u>Fruitland shale</u>
<u>2204</u>	<u>2292</u>	<u>88</u>	<u>Picture Cliff</u>
<u>2292</u>	<u>2300</u>	<u>8</u>	<u>Lewis Shale</u>

(over)

16-43084-2

FORMATION RECORD—continued