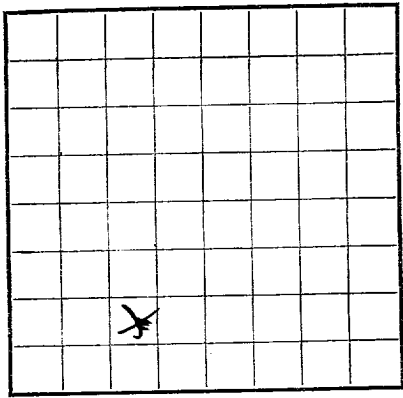


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079011
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company La Plata Gathering System, Inc. Address Box 728 - Farmington, New Mexico
Lessor or Tract San Juan 32-5 Unit Field Basin Dakota State New Mexico
Well No. 1-23 Sec. 23 T. 32-N R. 6-W Meridian N.M.P. M. County Rio Arriba
Location 790 ft. N. of S. Line and 1,850 ft. E. of W. Line of Sec. 23 Elevation 6,332
(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 _____
Date December 27, 1960 C. Deason Neal, Agent in Farmington

The summary on this page is for the condition of the well at above date.
Commenced drilling Nov. 5, 1960, 19____ Finished drilling Dec. 14, 1960, 19____

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

No. 1, from 7,834' to 7970' ("G") 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>8-5/8</u>	<u>26</u>	<u>4</u>	<u>Halliburton</u>	<u>100'</u>	<u>None</u>	<u>7,834'</u>	<u>7,834'</u>	<u>7,834'</u>	<u>Surface</u>
<u>5-1/2</u>	<u>16</u>	<u>4</u>	<u>Halliburton</u>	<u>8,000'</u>	<u>None</u>	<u>7,834'</u>	<u>7,834'</u>	<u>7,834'</u>	<u>Production</u>
<u>2-3/8</u>	<u>10</u>	<u>4</u>	<u>Halliburton</u>	<u>6,007'</u>	<u>None</u>	<u>7,834'</u>	<u>7,834'</u>	<u>7,834'</u>	<u>Production</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>606'</u>	<u>300</u>	<u>Halliburton</u>	<u>Mostly water</u>	
<u>5-1/2</u>	<u>8,079'</u>	<u>350</u>	<u>Halliburton</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
On <u>12/8/60</u> — Pumped in <u>500 gal. spearhead acid.</u> On <u>12/9/60</u> sand fracked with <u>70,000 gal. water with 1% cal. chl.</u> <u>7#</u> per <u>1000 gal.</u> <u>J-2 gelling agent, 40#</u> per <u>1,000 F-4 fluid loss additive plus 71,000 # 20/40 sand.</u> Flushed with <u>8,000 gal. water.</u> Inj. <u>54 BPM.</u>						

TOOLS USED

Rotary tools were used from _____ feet to 0,080 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Potential test taken xxxx For completion

DATES

December 21, 1960, 19____ Put to producing Shut well in for test on, 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 6,613 MCF/Day (Acf) Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

