

U. S. LAND OFFICE Jicarilla Apache  
SERIAL NUMBER Contract #241  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
Boulder Lease



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

		X			

LOCATE WELL CORRECTLY

### LOG OF OIL OR GAS WELL

Company Boulder #21-23 Address F. O. Box 3371  
Lessor or Tract Boulder Field Boulder Mancos State Colorado  
Well No. 21-23 Sec. 23 T. 28N R. 1W Meridian NM1M County Rio Arriba  
Location 330 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 23 Elevation 7224  
(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 W. M. Barry Title Dist. Prod. Supt.  
Date February 15, 1962

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

Commenced drilling November 27, 1961 Finished drilling December 12, 1961

#### OIL OR GAS SANDS OR ZONES

*(Denote gas by G)*

No. 1, from 3744 to 3786 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>9-5/8"</u>	<u>32.2</u>	<u>8</u>	<u>1-55</u>	<u>128</u>	<u>Guide</u>				<u>Surface</u>
<u>7"</u>	<u>26</u>	<u>8</u>	<u>1-55</u>	<u>128</u>	<u>Roach</u>				<u>Intermediate</u>

#### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>135'</u>	<u>75</u>	<u>ump &amp; plug</u>		
<u>7"</u>	<u>3051</u>	<u>125</u>	<u>ump &amp; plug</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 3792 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

#### DATES

Put to producing December 18, 1961

The production for the first 24 hours was 297 barrels of fluid of which 99.9% was oil; 0% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity 35.5° Bé. 35.5° API

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

FOLD MARK

