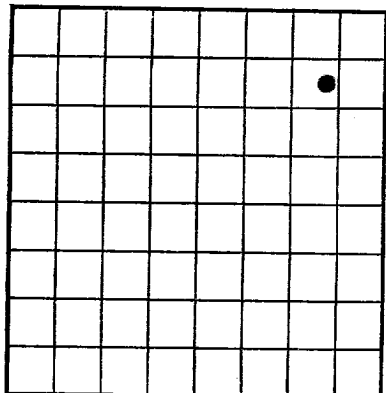


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 02151
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company SOUTHERN UNION GAS COMPANY Address Burt Bldg., Dallas, Texas
Lessor or Tract Whitley Field Blanco State New Mexico
Well No. 1-2 Sec. 20 T. 30N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of 2 Line and 990 ft. E. of 2 Line of Section 28 Elevation 6201
(Derrick floor relative to 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 Van Thompson

Date December 1, 1952 Title Van Thompson
Manager Exploration Dept.

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

Commenced drilling July 14, 1952, 19____ Finished drilling October 16, 1952

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

No. 1, from 5995 to 6290 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>10-3/4 40.5</u>			<u>2-40</u>	<u>6064</u>					
<u>5-7/8 15.5</u>			<u>2-40</u>	<u>12170</u>					
<u>5-1/2 10</u>			<u>2-40</u>	<u>2297</u>					
<u>2-3/8 4.77 tubing</u>			<u>2-55</u>	<u>6030</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4 285'</u>		<u>190</u>	<u>Halliburton</u>		
<u>5-1/2 5415</u>		<u>235</u>	<u>"</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>Nitre glycerine</u>	<u>1300 Q</u>	<u>10/17</u>	<u>5450-6206</u>	<u>6290'</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 5403 feet, and from 5403 feet to 6290 feet

DATES

_____, 19____ Put to producing _____, 19____

October 19, 1952
The production for the first 24 hours was _____ barrels of fluid of which 10/31/52 % 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. 2150 MCF

EMPLOYEES

_____, Driller _____, Driller

Fleeger-Riley Drilling Co. _____, Rotary contractor

Well, Inc. _____, Driller

Well, Inc. _____, Cable tool contractor

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>100</u>	<u>100</u>	<u>Surface sand and rock</u>
<u>100</u>	<u>650</u>	<u>550</u>	<u>Sand rock</u>
<u>650</u>	<u>2686</u>	<u>2036</u>	<u>Sand and shale</u>
<u>2686</u>	<u>3022</u>	<u>336</u>	<u>Shale</u>
<u>3022</u>	<u>3722</u>	<u>700</u>	<u>Sand and shale</u>
<u>3722</u>	<u>3758</u>	<u>36</u>	<u>Sand, shale and coal</u>
<u>3758</u>	<u>4170</u>	<u>412</u>	<u>Sand and shale</u>
<u>4170</u>	<u>4442</u>	<u>272</u>	<u>Shale</u>
<u>4442</u>	<u>4714</u>	<u>272</u>	<u>Sand and shale</u>
<u>4714</u>	<u>4842</u>	<u>128</u>	<u>Shale</u>
<u>4842</u>	<u>4889</u>	<u>67</u>	<u>Sand and shale</u>
<u>4889</u>	<u>4995</u>	<u>106</u>	<u>Shale</u>
<u>4995</u>	<u>5415</u>	<u>420</u>	<u>Shale</u>
<u>5415</u>	<u>6250</u>	<u>835</u>	<u>Sand and shale</u>
<u>Top of Formations</u>			
<u>Pictured Cliffs</u>	<u>3720'</u>		
<u>Cliff House</u>	<u>5595'</u>		
<u>Point Lookout</u>	<u>5963'</u>		

UNITED STATES
DEPARTMENT OF THE INSIDE
GEORGE A. BROWN

LOC OF CIT OR CTS WEST

LOCAL AREA - 05960

The undersigned on this date is the condition of the well at above place.

Witness my hand and seal of office at the County of _____ State of _____ this _____ day of _____ 19____.

Notary Public

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

of	mod 1.0	0	mod 1.0
of	mod 1.0	0	mod 1.0
of	mod 1.0	0	mod 1.0
EQUAL DRAWING			
of	mod 1.0	0	mod 1.0
of	mod 1.0	0	mod 1.0

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-1

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