

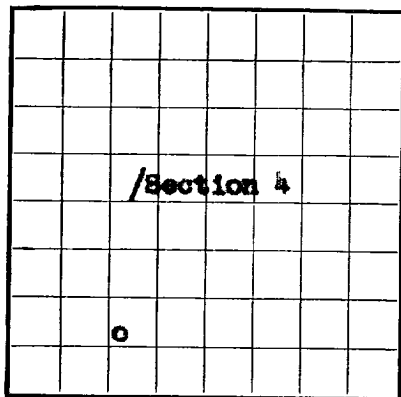
U. S. LAND OFFICE

Santa Fe

SERIAL NUMBER

078430

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building
Lessor or Tract Newcom Field Ballard Pictured Cliffs New Mexico
Well No. 2-A Sec. 4 T26-N R. 8-W Meridian N.M.P.M. County San Juan
Location 890 ft. N. of S. Line and 1560 ft. E. of W. Line of Section 4 Elevation 6369
(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 A. M. Wiederkehr
Title Manager, Exploration Dept.

Date April 15, 1955

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

Commenced drilling January 8, 1955 Finished drilling January 14, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2228 to 2270 (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>9 5/8"</u>	<u>36.68</u>	<u>4-10</u>	<u>33.91</u>	<u>2228</u>					<u>Surface</u>
<u>5 1/2"</u>	<u>25.50</u>	<u>3-25</u>	<u>2235</u>	<u>2235</u>					<u>Production</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>9 5/8"</u>	<u>101.980</u>	<u>100</u>	<u>Halliburton</u>		
<u>5 1/2"</u>	<u>2233</u>	<u>150</u>			
<u>1"</u>	<u>2232</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>Sand oil frac with 12,500 gallons oil and 10,200 sand.</u>						

TOOLS USED

Rotary tools were used from -0- feet to 2335 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 28, 1955 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 925.61 MCF

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 700#/7 days

EMPLOYEES

Benson-Montin Greer Drilling Corp., Driller A. L. Lawson, Driller
H. B. Barker, Driller E. F. Renfro, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Tops: <u>2228'</u>	<u>Pictured Cliffs</u>		
<u>2335'</u>	<u>Lewis Shale</u>		
<u>-0-</u>	<u>1693</u>	<u>1693</u>	<u>Sand & Shale</u>
<u>1693</u>	<u>1971</u>	<u>278</u>	<u>Shale</u>
<u>1971</u>	<u>2335</u>	<u>364</u>	<u>Sand & Shale</u>

FORMATION RECORD—CONTINUATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOC OF OIL OR GAS WELL

INDICATE WELL CORRECTLY

Company

Address

State

County

Well No.

Location

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

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

Comments

CIL OR GAS SANDS OR ZONES

(Number by G)

No. 1 from to

No. 2 from to

No. 3 from to

IMPORTANT WATER SANDS

No. 1 from to

No. 2 from to

CASING RECORD

Size	Weight	Length	Material	Kind of steel	Cut and banded from	From	To	Remarks
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "struck" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.								

HISTORY OF OIL OR GAS WELL

10-48004-2 U. S. GOVERNMENT PRINTING OFFICE

FROM

TO

TOTAL FEET

FORMATION

10-48004-2

SHOOTING RECORD

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PLUGS AND ADAPTERS

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MUDDING AND CEMENTING RECORD

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WATER ANALYSIS

Size	Weight	Length	Material	Kind of steel	Cut and banded from	From	To	Remarks
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ELEVATION RECORD

Size	Weight	Length	Material	Kind of steel	Cut and banded from	From	To	Remarks
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