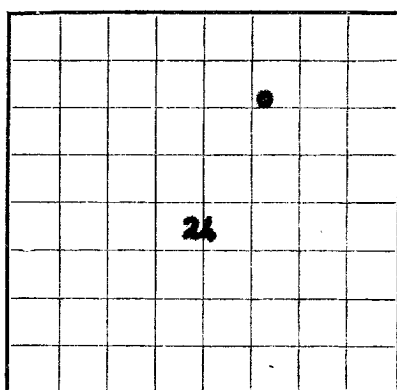




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078505
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 6 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address Burt Bldg., Dallas, Texas
Lessor or Tract Seymour Field Blanco State New Mexico
Well No. 9 Sec. 24 T. 31N R. 9W Meridian N.M.P.M. County San Juan
Location 800 ft. N. of 1 Line and 1800 ft. W. of 2 Line of Section 24 Elevation 6438' DF
(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
A. M. Wiederkehr Title Reservoir EngineerDate August 4, 1953

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

Commenced drilling June 1, 1953, 19____ Finished drilling July 19, 1953, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5121 G to 5604 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>31.03</u>		<u>STAC</u>	<u>217.09</u>					<u>Surface</u>
<u>7"</u>	<u>20.7</u>		<u>J-55</u>	<u>5068.91</u>					<u>Production</u>
<u>2-3/8"</u>	<u>4.77</u>		<u>J-55</u>	<u>5068.91</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>229</u>	<u>125</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5037.2</u>	<u>225</u>	<u>"</u>		

Tubing landed at 5565'

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>Nitro Glycerine</u>	<u>1404 G</u>	<u>7/18</u>	<u>5120-5604</u>	<u>to 5604</u>
		<u>Well tested 151 MCF before shot</u>				

TOOLS USED

Rotary tools were used from 0 feet to 5050 feet, and from _____ feet to _____ feet
Cable tools were used from 5050 feet to 5604 feet, and from _____ feet to _____ feet

DATES

_____July 19, 1953_____, 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 2724 MCF/3 h Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 10514 - 31.8 days

EMPLOYEES

Star State Drilling Co. Rotary Contractor _____ Driller Harvey Pitts, Driller
Company drilled in _____, Driller W. H. Fortner, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>490</u>	<u>490</u>	<u>Surface sand and shale</u>
<u>490</u>	<u>2638</u>	<u>2148</u>	<u>Sand and shale</u>
<u>2638</u>	<u>2815</u>	<u>177</u>	<u>Shale</u>
<u>2815</u>	<u>3200</u>	<u>385</u>	<u>Sand and shale</u>
<u>3200</u>	<u>3290</u>	<u>90</u>	<u>Sand</u>
<u>3290</u>	<u>3601</u>	<u>311</u>	<u>Shale</u>
<u>3601</u>	<u>3780</u>	<u>169</u>	<u>Sand and shale</u>
<u>3770</u>	<u>4750</u>	<u>980</u>	<u>Shale</u>
<u>4750</u>	<u>4784</u>	<u>34</u>	<u>Shale with sand streaks</u>
<u>4784</u>	<u>4937</u>	<u>153</u>	<u>Sand and shale</u>
<u>4937</u>	<u>4960</u>	<u>23</u>	<u>Sand</u>
<u>4960</u>	<u>5012</u>	<u>152</u>	<u>Sand and shale</u>
<u>5012</u>	<u>5150</u>	<u>138</u>	<u>Sand and shale</u>
<u>5150</u>	<u>5295</u>	<u>145</u>	<u>Sand and shale</u>
<u>5295</u>	<u>5595</u>	<u>300</u>	<u>Sand, shale and coal</u>
<u>5595</u>	<u>5604</u>	<u>9</u>	<u>Sand and shale</u>

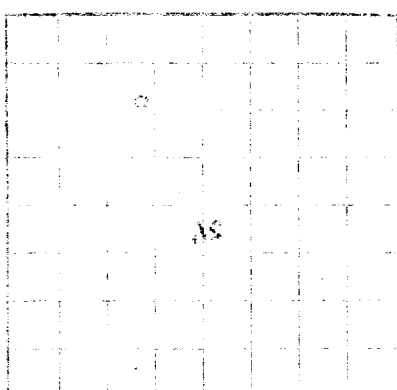
Top Cliff House 5121'
Top Point Lookout 5528
Top Mancos 5675(Est)

CLASS OF ISSUES TO BE OPENED
PRINT NUMBER 12751
U. S. LAND OFFICE Santa Fe

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY



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

Completed drilling _____ ft. _____

Commenced drilling _____ ft. _____

Signed _____
Title _____

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.

Location No. _____ of _____ of _____
Well No. _____ Sec. _____ T. _____ R. _____ S. _____
Section or Tract _____ Township _____ Range _____
Address _____ State _____ County _____

OIL OR GAS SANDS OR ZONES

(7) and 2003-2004(1)

No. 8 from _____
No. 7 from _____
No. 6 from _____



IMPORTANT WATER SANDS

No. 1, from to No. 3, from
No. 2, from to No. 4, from

OLIGOCENE COM.

COVERING RECORD

Sl. No.	Weight per foot	Threads per inch	Make	Amount	Kind of steel	Cut and pulled from	Reinforced From To	Purpose
1	11.00		Waco	210.00				Reinforcing

It is of the greatest importance to make 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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. Things or bridges were put in to test the well, state kind of material used, position, and results of pumping or burning of barrels.

HISTORY OF OIL OR GAS WELL

NUDDING AND CEMENTING RECORD

Where set	Number bags of cement	Molded used	Field practice	Best burn to formula
500	100	100		
1000	100	100		

PLING AND ADAPTED

Adaptation - Material	Size	Length	Depth ref.
Leaving plug - Material			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			100	7/23	500-550	100

TOOLS USED

Tool	of tool	from tool	of tool	from tool
Tool	of tool	from tool	of tool	from tool

23740

production for the first 24 hours was	July 14, 1935
18 water; and 26 sediment.	
10 barrels of fluid of which 16 was oil; 16	
put to producing	

EMPIRICAL

[illegible]

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	800	800	Gravel and sand
800	850	50	Gravel and sand
850	900	50	Gravel
900	950	50	Gravel and sand
950	1000	50	Gravel
1000	1050	50	Gravel
1050	1100	50	Gravel and sand
1100	1150	50	Gravel
1150	1200	50	Gravel and sand
1200	1250	50	Gravel
1250	1300	50	Gravel and sand
1300	1350	50	Gravel
1350	1400	50	Gravel and sand
1400	1450	50	Gravel
1450	1500	50	Gravel and sand
1500	1550	50	Gravel
1550	1600	50	Gravel and sand
1600	1650	50	Gravel
1650	1700	50	Gravel and sand
1700	1750	50	Gravel
1750	1800	50	Gravel and sand
1800	1850	50	Gravel
1850	1900	50	Gravel and sand
1900	1950	50	Gravel
1950	2000	50	Gravel and sand
2000	2050	50	Gravel

1512 2000 0110 001
2522 2000 0110 001
(1512) 2000 0110 001

FORMATION RECORD—Continued