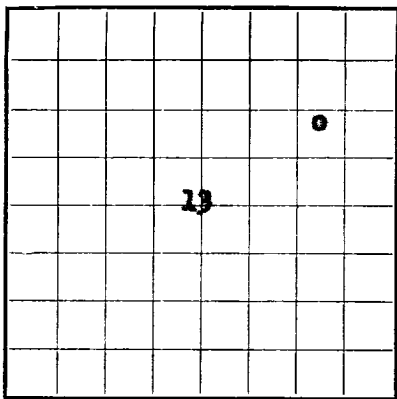


U. S. LAND OFFICE Santa FeSERIAL NUMBER 072508-A

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 Murt Bldg., Dallas 1, Texas
Lessor or Tract Teel Field Blanco State New Mexico
Well No. 1 Sec. 13 T. 31N R. 9W Meridian N.M.P.M. County San Juan
Location 1650 ft. N. of E Line and 990 ft. E. of E Line of Section 13 Elevation 6085 ft.
(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. Wiedersheim

Date January 18, 1954Title Reservoir Engineer

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

Commenced drilling October 18, 1953, 19____ Finished drilling November 22, 1953, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4808 G to 5300 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</u>		<u>5</u>	<u>230</u>					<u>Surface</u>
<u>7</u>	<u>28</u>		<u>5</u>	<u>4765</u>					<u>Production</u>
<u>2-7/8</u>	<u>16</u>		<u>5</u>	<u>5204</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>218</u>	<u>125</u>	<u>Ballston</u>		
<u>7</u>	<u>4749</u>	<u>300</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>Nitro glycerine</u>	<u>1500</u>	<u>11/22/53</u>	<u>4832-5372</u>	<u>5372'</u>

TOOLS USED

Rotary tools were used from 0 feet to 4750 feet, and from _____ feet to _____ feet

Cable tools were used from 450 feet to 5372 feet, and from _____ feet to _____ feet

DATES

November 23, 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 1998 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1087 hrs. _____

EMPLOYEES

Gardner Brothers Drilling Co., Driller Art Forsythe, Driller

Company tools drilled in w/ess Driller J. J. Smith, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
C	95	95	Surface sand
95	230	135	Sand and surface rock
230	2313	2083	Sand and shale
2313	2423	110	Shale
2423	2523	100	Sand and shale
2523	2670	147	Shale and coal
2670	2990	320	Coal, Sand and shale
2990	4275	1285	Sand and shale
4275	4320	45	Shale
4320	4750	430	Sand and shale
4750	4910	160	Sand
4910	5329	419	Sand and shale
5329	5372	43	Sand

Top Cliff House 4808
Top Menafee 4905
Top Point Lookout 5188
Top Menafee 5300'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(b) *ed:cup* *st:ga:tl*

and $\alpha = 0.05$.

and α^2

1993-1994

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

Schizothorax sinensis

$$\frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

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