

Form 9-380

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 97907

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 3 1952

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1104 Bart Building, Dallas, Texas
Lessor or Tract Half Field Klanco-LaPlata State New Mexico
Well No. 1 Sec. 27 T. 31-N R. 8-W Meridian N.M.P.M. County San Juan
Location 990 ft. AX of E Line and 1190 ft. W of E Line of Section 27 Elevation 6311' 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 Van Thompson
Title Manager, Exploration Dept.

Date October 28, 1952

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

Commenced drilling July 8, 1952 Finished drilling Sept 28, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1920 to 5100 No. 4, from _____ to _____
No. 2, from 5165 to 5700 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</u>	<u>40.5</u>		<u>2-55</u>	<u>195'</u>					<u>Surface</u>
<u>5-7/8</u>	<u>31</u>		<u>2-55</u>	<u>1780'</u>					<u>Production</u>
<u>5-7/8</u>	<u>31</u>		<u>2-55</u>	<u>1780'</u>					<u>Production</u>
<u>5-1/2</u>	<u>19.5</u>		<u>2-55</u>	<u>1780'</u>					<u>Production</u>
<u>2"</u>	<u>4.7</u>	<u>tabing</u>	<u>2-55</u>	<u>5613'</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</u>	<u>195'</u>	<u>100 sacks</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>4833'</u>	<u>225 sacks</u>	<u>Halliburton</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>S.H.G.</u>	<u>1700 qts</u>	<u>9-29</u>	<u>4927-5747</u>	<u>5750 TD</u>

TOOLS USED

Rotary tools were used from 0 feet to 4822 feet, and from _____ feet to _____ feet
Cable tools were used from 4822 feet to 5750 feet, and from _____ feet to _____ feet

DATES

October 7, 1952 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 2410 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 10304

EMPLOYEES

Igan Drilling Co. - Rotary Driller C. A. Reynolds
Well, Inc. - Cable Driller Floyd Fix

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>347</u>	<u>347</u>	<u>Sand rock</u>
<u>347</u>	<u>805</u>	<u>458</u>	<u>Sand</u>
<u>805</u>	<u>1028</u>	<u>223</u>	<u>Sand and shale</u>
<u>1028</u>	<u>1221</u>	<u>193</u>	<u>Sand</u>
<u>1221</u>	<u>1484</u>	<u>263</u>	<u>Sand and shale</u>
<u>1484</u>	<u>1655</u>	<u>171</u>	<u>Shale</u>
<u>1655</u>	<u>2000</u>	<u>345</u>	<u>Sand and shale</u>
<u>2000</u>	<u>2124</u>	<u>124</u>	<u>Sand, shale & lime</u>
<u>2124</u>	<u>2328</u>	<u>204</u>	<u>Sand and shale</u>
<u>2328</u>	<u>2370</u>	<u>42</u>	<u>Sand</u>
<u>2370</u>	<u>2472</u>	<u>102</u>	<u>Sand and shale</u>
<u>2472</u>	<u>2550</u>	<u>78</u>	<u>Shale</u>
<u>2550</u>	<u>2670</u>	<u>120</u>	<u>Sand and shale</u>
<u>2670</u>	<u>2962</u>	<u>292</u>	<u>Shale</u>
<u>2962</u>	<u>3106</u>	<u>144</u>	<u>Shale & carbon</u>
<u>3106</u>	<u>4612</u>	<u>1506</u>	<u>Shale - TOP PICTURED CLIFFS 3215'</u>
<u>4612</u>	<u>4665</u>	<u>53</u>	<u>Shale and sand</u>
<u>4665</u>	<u>4742</u>	<u>77</u>	<u>Shale</u>
<u>4742</u>	<u>4784</u>	<u>42</u>	<u>Shale and sand</u>
<u>4784</u>	<u>4822</u>	<u>38</u>	<u>Shale</u>
<u>4822</u>	<u>4833</u>	<u>11</u>	<u>Sand and shale</u>
<u>4833</u>	<u>5120</u>	<u>287</u>	<u>Hard sand - TOP CLIFF HOUSE 4920' Pay</u>
<u>5120</u>	<u>5200</u>	<u>80</u>	<u>Shale & coal</u>
<u>5200</u>	<u>5310</u>	<u>110</u>	<u>Sand and shale</u>
<u>5310</u>	<u>5455</u>	<u>145</u>	<u>Shale & coal - TOP POINT LOOKOUT 5165' Pay</u>
<u>5455</u>	<u>5750 TD</u>	<u>295</u>	<u>(OVER) Sand</u>

100% WITH CORRECT

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

10/10/1944

HISTORY OF OIL OR GAS WELL

16-48094-1

FORMATION