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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. SF 077972

Communitized

Unit E/2 Sec 2, T-27N, R-13W,
N.M.P.M., San Juan County,
New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

OCT 1 1959

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 9, 1959
FARMINGTON, NEW MEXICO

Unit #2
Well No. Richardson located 1175 ft. from N line and 915 ft. from E line of sec. 2

NE/4 NE/4 2 27N 13W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5968 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging, cementing points, and all other important proposed work)

1. Well spudded on August 12, 1959.
2. Ran 8 jts. 10-3/4", 32.75#, H-40 surface casing on August 12, 1959. Casing landed at 286' R.K.B. Cmt'd. w/225 sx regular cement with 2% calcium chloride. Plug down at 5:00 p.m., August 12, 1959.
3. Pressured up on surface casing to 800 psi on August 13, 1959. Pressure held.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

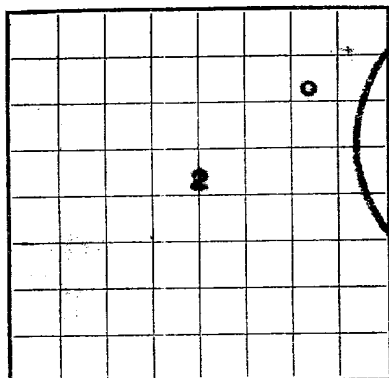
Company SOUTHERN UNION GAS COMPANY

Address P. O. Box 815

Farmington, New Mexico

By Vernon J. Lowe

Title Drilling Superintendent



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER ST - 971972
LEASE OR PERMIT TO PROSPECT E/2 Comm. 12-01-72
ST-071972-A
ST-071972-C
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Bart Building, Dallas, Texas
Lessor or Tract Richardson Unit Field Wildcat State New Mexico
Well No. 1 Sec 2 T 27N R. 13W Meridian N.M.P.M. County San Juan
Location 1175 ft. EX of N Line and 985 ft. EX of E Line of Section 2 Elevation 5970'
(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, ManagerDate September 28, 1959Title Exploration Department

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

Commenced drilling August 12, 1959 Finished drilling August 30, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6106' to 6186' (a) 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"</u>	<u>28.75</u>	<u>8</u>	<u>Halliburton</u>	<u>225</u>		<u>Surface Protection</u>			
<u>5-1/2"</u>	<u>13.94</u>	<u>8</u>	<u>Halliburton</u>	<u>175</u>					
<u>2"</u>	<u>7.05</u>	<u>8</u>	<u>Halliburton</u>	<u>21477</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>286 KB</u>	<u>225</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>6237 KB</u>	<u>175</u>	<u>Halliburton</u>		
<u>2"</u>	<u>6116-23</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>Perf. 6106-6186', Pressed w/40,000# sand and 57,770 gals. water.</u>						<u>IR - 46.9 BPM</u>

TOOLS USED

Rotary tools were used from -0- feet to 6238 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 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 6,983 MCFPD Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 21477 (7 days)

EMPLOYEES

_____, Driller _____, Driller
Huron Drilling Company _____, Driller C. E. Phillips
B. H. Howlman _____, Driller R. M. Russell

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>97</u>	<u>97</u>	<u>Sand</u>
<u>97</u>	<u>300</u>	<u>203</u>	<u>Shale and sand</u>
<u>300</u>	<u>643</u>	<u>343</u>	<u>Shale</u>
<u>643</u>	<u>6129</u>	<u>5486</u>	<u>Sand and shale</u>
<u>6129</u>	<u>6210</u>	<u>81</u>	<u>Sand</u>
<u>6210</u>	<u>6238 TD</u>	<u>28</u>	<u>Sand and shale</u>
TOPS:			
<u>Pictured Cliffs</u>			<u>1476'</u>
<u>Cliff House</u>			<u>3069'</u>
<u>Point Lookout</u>			<u>3968'</u>
<u>Mancos</u>			<u>4278'</u>
<u>Greenhorn</u>			<u>5974'</u>
<u>Dakota</u>			<u>6105'</u>
DOWN—	TO—	LOGGED DEEP	FORMATION

FORMATION RECORD—CONTINUED

