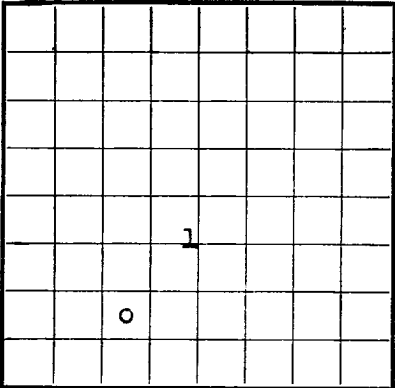


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078506
LEASE OR PERMIT TO PROSPECT _____



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 Bldg., Dallas, Texas
Lessor or Tract Nordhaus Field Blanco State New Mexico
Well No. 6 Sec. 1 T. 31N R. 9W Meridian N.M.P.M. County San Juan
Location 990 ft. N. of S Line and 1800 ft. E. of W Line of Section 1 Elevation 6606
(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.
Original Signed by L. S. MUENNINK
Signed L. S. Muennink
Date October 8, 1957 Title Exploration Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 6-22, 1957 Finished drilling 7-16, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5186 to 5698 (G) No. 4, from _____ to _____
No. 2, from 5770 to 6041 (G) 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—	
10-3/4	32.75#	8RD	H-40	261					Surface Production
7-5/8	26.1#	8RD	J-55	3651					
5-1/2	15.5#	8RD	J-55	2698					
HISLOKA OR CUT OF 072 METE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	240 RT	200	Halliburton		
7-5/8	3644 KB	150	Halliburton		
5-1/2	liner, top 3419 RKB, bottom 6118	cemented with 300 sacks			
2-3/8	6049				

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
Perf. 5770-5849, 5900-44, 5973-83, 6012-16, 6031-41,					fraced with 60,000# sand, 58,800	
gals. water & 360 rubber balls.						
Perf. 5186-5204, 5431-81, 5685-98,					fraced with 40,000 gals. water, 40,000# sand & 100	
rubber balls						

TOOLS USED

Rotary tools were used from -0- feet to 3645 w/mud feet, and from 3645 feet to 6130 w/gas feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-25, 1957 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 6581 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1030#/54 days

EMPLOYEES

Gardner Bros. Drilling Corp., Driller R. L. Dacus, Driller
M. W. Roberts, Driller W. L. Teague, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	247	247	Hard sandstone
247	1021	774	Sand & shale
1021	1258	237	Shale & sandy shale
1258	2710	1452	Sand & shale
2710	3265	555	Lime & shale
3265	3325	60	Lime, shale & coal
3325	3366	41	Shale & coal
3366	3575	209	Lime - shale & sand
3575	3645	70	Shale, lime & coal
3645	5558	2113	Sand & shale
5558	6090	432	Sand, shale & coal
6090	6130 TD	40	Sand & shale
	FBTD 6087		
	TOPS: Pictured Cliffs 3480		
	Cliff House 5403		
	Point Lookout 5760		



U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Name
Location
State
County
Twp. & R.
Section
Elevation
The information given herein is a complete and correct record of the well and all work done thereon
Signed
Date

OIL OR GAS SANDS OR ZONES

No. 1 from	No. 4 from
No. 2 from	No. 5 from
No. 3 from	No. 6 from

IMPORTANT WATER SANDS

No. 7 from	No. 8 from
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CASING RECORD

Kind of shoe	Amount	Weight	Threads per inch	Length	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

MUDGING AND CEMENTING RECORD			
Amount of mud used	Method used	Kind of cement	Remarks
PLUGS AND ADAPTERS			
Plugs	Adapters	Remarks	
SHOOTING RECORD			
Explosive used	Quantity	Depth	Remarks
TOOLS USED			
Tools	Remarks		
DATES			
Production for the first 24 hours was	of water and	of sediment	
It is estimated per 24 hours			
Rock pressure, lbs. per sq. in.			
EMPLOYEES			
FORMATION RECORD			
FORMATION	FORMATION	FORMATION	FORMATION

