

A 10x10 grid with a dot at (1, 2) and the number 12 at (4, 5).

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078508
LEASE OR PERMIT TO PROSPECT

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. 5 Sec. 12 T. 31N R. 9W Meridian N.M.P.M. County San Juan
 Location 850 ft. {N.} of 3 Line and 810 ft. {E.} of W Line of Section 12 Elevation 6136
 (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 Paul J. Rolo
Date _____ Title Drilling Superintendent

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

Commenced drilling 6-1-, 1957 Finished drilling 6-15-, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4635 to 4645 (G) 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—	
10-3/4	32.40	8RD	J-40	210					Surface Production
7-5/8	25.14	8RD	J-55	3147.25					
5-1/2	19.94	8RD	J-55	1578					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	206.31 RB	225	Halliburton		
7-5/8	3143.55 RT	150	Halliburton		
5-1/2	liner, top @2959, bottom @4537, cemented with 225 sacks				
2-3/8	1620 RT				

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
None						

TOOLS USED

Rotary tools were used from -0- feet to 3145 w/mud feet, and from 3145 feet to 4645 w/gas 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 5240 mcf / Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 688 psi 7 days

EMPLOYEES

Gardner Bros. Drilling Co., Driller D. L. Newell, Driller

W. L. Teague _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	210	210	Sandstone
210	2322	2112	Sand & shale
2322	2495	173	Shale
2495	2972	477	Sand & shale
2972	3145	173	Sand, shale & coal
3145	3592	347	Shale & sand
3592	4142	550	Shale
4142	4195	53	Sand & shale
4195	4375	180	Shale
4375	4640	265	Sand & shale
4640	4645 TD	5	Hard sand
			TOPS: Pictured Cliffs 2956 Mesaverde Lewis 4635

