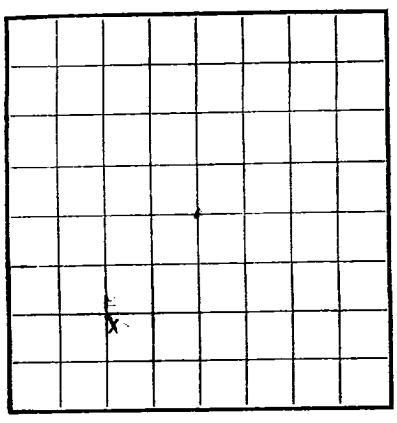
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078707
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

SOUTHERN UNION GAS COMPANY

Company By: COLORADO WESTERN EXPLORATION, INC. Address 312 U. S. National Bank Bldg. Denver, Colorado
Agent

Lessor or Tract Government-Starr Field BLANCO State New Mexico

Well No. 1 Sec. 13 T 31N R 13W Meridian NMPM County San Juan

Location 1185 ft. {N.} of S Line and 1695 ft. {E.} of W Line of 13 Elevation 5796'KB
(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 Harry A. Trueblood
HARRY A. TRUEBLOOD, JR.,

Date August 9, 1957 Title President

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

Commenced drilling 6-17, 1957 Finished drilling 7-13, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

G No. 1, from 4447 to 4479 G No. 4, from 4692 to 4714

G No. 2, from 4492 to 4548 No. 5, from ____ to ____

G No. 3, from 4584 to 4637 No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from 4447'-4479' 4492'-4548' to ____

No. 2, from ____ to ____ No. 4, from 4584'-4637' 4692'-4714' to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4	32.75	8	SH	180'	Guide		*		Completion
7	23 & 20	8	SH	4829'	Float				
5½ Liner	15.5 & 14	8	SH	1939' 4776' to 6715'	Float		6612	6665	Test Dakota

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	170	125	Displacement	Water	
7	4829	135 w/6% gel	2-Plug	9.6#	
5½ Liner	4776 6715	80 w/6% gel	Top Plug	Water	

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

TOOLS USED

Rotary tools were used from 0 feet to 6716 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

August 9, 1957 Put to producing August 2, 1957

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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Rosenbaum, Driller Buster, Driller

Pickett, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
See	Radioactivity Logs:		
	Formation Tops:		
	Pictured cliffs - 2068' (+3728')		
	Mesaverde - 3654' (+2142')		
	Cliff House - 3716' (+2080')		
	Menefee - 3900' (+1896')		
	Point Lookout - 4445' (+1351')		
	Mancos - 4786' (+1010')		
	Dakota - 6612' (- 816)		

FOLD MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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.