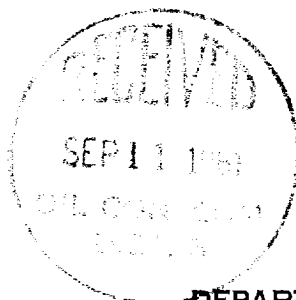


[illegible]

LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079011-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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

LOG OF OIL OR GAS WELL

Company La Plata Gathering System, Inc. Address Box 720 - Farmington, New Mexico
 Lessor or Tract San Juan 32-5 Unit Field Basin Dakota State New Mexico
 Well No. 1-27 Sec. 27 T. 32-N R. 6-E Meridian N.M.P. R. County Rio Arriba
 Location 380 ft. N. of 14 Line and 4.2 ft. E. of 14 Line of Sec. 27 Elevation 9,151
 (Derick 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 _____

W. Leeson Neal, Agent in Farmington

Date September 7, 1961

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

Commenced drilling June 20, 1961 1961 Finished drilling July 26, 1961 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2,445 to 2,540 (194) No. 4, from _____ to _____
 No. 2, from 7,806 to 7,851 (45) No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—		
8-5/8"	24 ¹¹	8 rd. thd.	J-55	362					Surface	
5-1/2"	17 ¹¹	LHC	N-80	7,906	Auto-fill	}	7812	7792	Long String	
								7754	7732	
								7666	7638	
2-3/8"	4.77		H. U. S.	7,045					Tubing	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	7,577	50	Halliburton	Mostly water	
5-1/2	7,697	50	Halliburton	9.6	

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
7/23/61.	Sand fractured	7758-7011 stage	with 20,000 gal. water with 10 CaCl ₂ and 4 J-101 per M gal wtr. and 30,000	20-40	sand. Sand fractured 7000-7000 stage with 22,500 gal. wtr. & same additives, and 15,000	20-40 sand.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Potential Test taken August 1, 1961, 1961

DATES Well shut in Put to producing August 2, 1961, 1961

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 1,234 (Acr) Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2,592

EMPLOYEES

-----, Driller
Aspen Drilling Company
 -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1,740	1,740	Gray massive sands and shale
1,740	2,380	640	sand, white to gray massive with gray shale.
2,360'	2,820	440	Fruitland formation - gray shale and light gray sands.
2,820	2,890	70	Pictured Cliffs - Sand, fine to very fine gray shaly.
2,890	5,210	2,320	Lewis shale, gray slightly sandy in part.
5,210	7,666	2,456	Mesa Verde Formation - mostly gray shales with fairly well developed sands in Point Lookout section.
7,666'	7,854'	188	Dakota sands fine to medium tight frac.
7,854	7,895 T.D.	41	Morrison sands fine to coarse slightly conglomeratic

