

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF 080516 -A**
LEASE OR PERMIT TO PROSPECT
San Juan 28-5

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Corp.,

Company Pacific Northwest Pipeline Address 418 1/2 West Broadway

Lessor or Tract San Juan 28-5 Field Blanco M.V. - State New Mexico

Well No. 33-17 Sec. 17 T. 28N R. 5W Meridian Dakota Wildcat N.M.P.M. County Rio Arriba

Location 1650 ft. N. of X Line and 960 ft. E. of W Line of Section 17 Elevation 6699

(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 **L. F. Stone**

Date 8-5-59 Title Drilling Superintendent

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

Commenced drilling 3-25-, 1959 Finished drilling 5-30-, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5344 G to 5900 G No. 4, from _____ to _____
 No. 2, from 7892 G to 8152 G No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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—	
13	3/8	48#	8Rd		217	Tex. Pat.				Surface
9	5/8	36#	8Rd	Ime Stan	3817	Guide Shoe				Intermediate
7		23#	8Rd	CF & I	4014	Guide Shoe	5361	5892		Prod. Liner
5		15#	8Rd	CF & I	542	Front Shoe	7895	8041		Prod. Liner
2		4.7#	8Rd	HE Loe Stan	7915	Perf. Nipple -Tbg.	7912	7915		Prod. Tbg.
1		2.4#	10Rd		5797	Perf. Nipple -Tbg.	5794	5797		Prod. Tbg.

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	13 3/8"	228	250 Sack	Imp Plug		
	9 5/8"	3817	1000 Sack	Pump Plug		
	7"	3709-7723	550 Sack	Pump Plug		
	5"	7632-8174	30 Sack	Pump Plug		

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 8174 feet, and from _____ feet to _____ feet.

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

DATES

6-29-59 Put to producing **Not Connected**, 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 4316 I.P. 4761 CASE. Gallons gasoline per 1,000 cu. ft. of gas 5.5

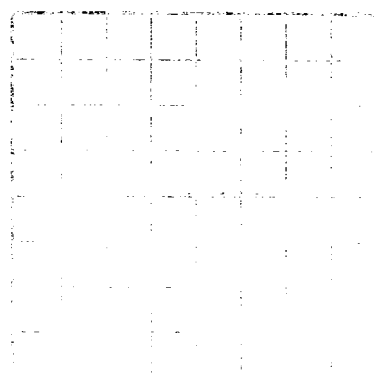
Rock pressure, lbs. per sq. in. 5518 1. P. 8187 CAOF
V. 1090 PSIC

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2852	2852	Surface
2852	3001	149	Ojo Alamo
3001	3307	306	Kirland
3307	3578	271	Fruitland
3578	3698	120	Pictured Cliffs
3698	5344	1646	Lewis
5344	5437	93	Cliff House
5437	5742	305	Menefee
5742	5900	158	Point Lookout
5900	7706	1806	Mancos
7706	7768	62	Greenhorn
7768	7892	124	Graneros

DEPT OF DEFENSE
WASH DC 20301-1500
ATTN: MR. J. J. MURPHY



12950 1251 0100

[illegible]

Perforated Dakota (7987-94) (7999-8008) (8032-41) W/2 Shots Per Foot
 Frac 62,600 gals. Water - 50,000# 40-60 Sand. B.P. 3000# Max. Pressure
 3650# I.R. 47 B.P.M. Gauge 471 MCF
 Perforated Dakota (7895-7907) (7942-50) (7961-70) W/4 Shots Per Foot
 Frac W/50,000 gals. Water - 50,000# 40-60 Sand. B.P. 2500# Max. Pressure
 3500# I.R. 52 B.P.M. Gauge 2800 MCF - Total Gauge Dakota 3200 MCF
 Perforated Mesa Verde 2 Shots Per Foot 5361-5892 W/Bullets. Frac W/
 120,000 gals. Water - No Sand - B.P. 1200# Max. Pressure 2400# I.R. 72
 B.P.M. - Gauge 2000 MCF/D
 Ran 257 test of 2" EUE Tubing - TE 7915 Set @ 7925 W/Baker Model H
 Packer @ 7945.
 Ran 132 fts. of 1 1/2" Tubing - F.E. 5797 Set @ 5807.
 Completed Well 6-9-59

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
7892	8152	260	Dakota
8152	8174	22	Morrison
8174			Total Depth
8165			Plug Back Total Depth

25