

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078738

LEASE OR PERMIT TO PROSPECT

#14-0E-01-346

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PACIFIC SOUTHERN PIPELINE CORP. Address 1134 West Main Street
Lessor or Tract Unit # 30-5 Field Blanco State New Mexico
Well No. 11-23 Sec. 23 T. 30N R. 5W Meridian S.M.P.M. County San Juan
Location 1840 ft. N. of Sec. 23 Line and 800 ft. E. of Sec. 23 Line of Sec. 23 Elevation 6739.74
(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 T. A. Dugan

Signed

Date January 4, 1956Title District Engineer

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

Commenced drilling 9-10, 1955 Finished drilling 10-26, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5612 to 5986.0 No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____
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	87d.		167.82					
10-2 1/4	22	87d.		1.30	Guide				
7-5/8	22	87d.		1.30	Guide				
7-5/8	22	87d.		1.30	Guide				
5 1/2	14	87d.	CP MI	6046.97					
5 1/2			Davis	1.30	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	183.4	170 ex 4 1/2 gal.			
7-5/8	8782	130 ex 8 1/2 and 50 ex 4 1/2			
5 1/2	6020	125 ex 2 1/2 gal			

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 _____ feet to _____ feet, and from _____ feet to _____ 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; 16% water; and 73% 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

1147, Driller
1147, Driller
1147, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2810	2810	Surface
2810	3008	198	Sand - Rio Arriba
3008	3296	288	Shale w/some sand - Fruitland
3296	3600	304	Interbedded sand, shale and coal - Fruitland
3600	3763	163	Sand - Pictured Cliffs
3763	5608	1845	Shale - Lewis
5608	5670	62	Sand - Cliff House
5670	5883	213	Interbedded sand, shale and coal - Menefee
5883	—	5883	Sand - Point Lockout
5883	6020	137	Total Depth.

