

U. S. LAND OFFICE -----
SERIAL NUMBER -----
LEASE OR PERMIT TO EXPLORATION -----
DATE -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company **PACIFIC SOUTHERN PIPELINE CORP.** Address **405 1/2 W. Broadway, Farmington, N.M.**

Lessor or Tract **Indian "G"** Field **Indian "G"** State **New Mexico**

Well No. **1** Sec. **32** T. **24N** R. **3E** Meridian **N.M.P.M.** County **Rio Arriba**

Location **820** ft. **{N.}** of **SEC** Line and **530** ft. **{E.}** of **SEC** Line of **Section 32** Elevation **6940'**

(Derish location)

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 I. A. Dugan
Signed _____
Date August 22, 1955 Title Assistant Division Manager

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

Commenced drilling _____ Finished drilling _____

No. 1 from [redacted] to [redacted]
No. 2 from [redacted] to [redacted]
No. 3 from [redacted] to [redacted]
No. 4 from [redacted] to [redacted]
No. 5 from [redacted] to [redacted]
No. 6 from [redacted] to [redacted]

IMPORTANT WATER SANDS

No.	From	To	No.	From	To
No. 1	from 0' to 100'	to 100'	No. 2	from 100'	to 200'
No. 3	from 200'	to 300'	No. 4	from 300'	to 400'

CASING RECORD

Serial	Date	Amount	Kind of shoe	Cut and colored from	Perforated	Purpose
1	10-10-36	1.00	Black	Black	Black	Black
2	10-10-36	1.00	Black	Black	Black	Black
3	10-10-36	1.00	Black	Black	Black	Black
4	10-10-36	1.00	Black	Black	Black	Black
5	10-10-36	1.00	Black	Black	Black	Black
6	10-10-36	1.00	Black	Black	Black	Black
7	10-10-36	1.00	Black	Black	Black	Black
8	10-10-36	1.00	Black	Black	Black	Black
9	10-10-36	1.00	Black	Black	Black	Black
10	10-10-36	1.00	Black	Black	Black	Black

HISTORY OF OIR OR CYS MEET

10-10-36 10-10-36 10-10-36 10-10-36 10-10-36 10-10-36 10-10-36 10-10-36 10-10-36 10-10-36

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	286'	175	Pump Plug		
5-1/2	2870'	300	Pump Plug		
TEMPORARILY ABANDON MESA VERDE FORMATION. SET CAST IRON PLUG @ 3950', SPOTTED 8 SX CAL SEAL ON TOP OF PLUG.					

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

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

_____ 11 _____, 19 57 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~2444g~~ 735 ~~Casting~~ 735 ~~Cast~~ 493

EMPLOYEES

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

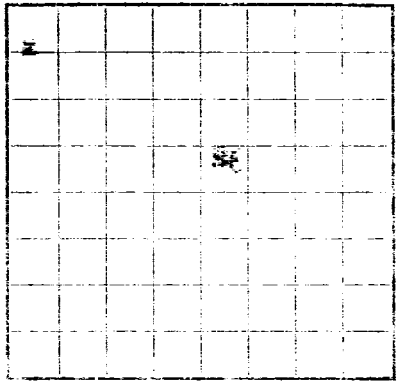
FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0'	3286'	3286'	Surface
3286'	3416'	130'	Ojo Alamo
3416'	3508'	92'	Hirtland
3508'	3644'	136'	Fruitland
3644'	3942'	298'	Pictured Cliffs
3942'	5598'	1656'	Louis
5598'	5692'	94'	CLIFF House
5692'	5922'	231'	Manitou
5923'			Point Lookout
6171'			Total Depth
6183'			Fing Bank Total Depth

U.S. Land Office
Serial Number
LEASE OR RIGHTS TO EXPLORATION
STATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company
Location of Well
Well No.
Section
T. R.
N. of line and ft. W.
Elevation
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
Original signed by T. A. Dugan
Title

Oil or Gas Sands or Zones
No. 1 from
No. 2 from
No. 3 from
No. 4 from
No. 5 from
No. 6 from
No. 7 from
No. 8 from
No. 9 from
No. 10 from

Important Water Sands
No. 1 from
No. 2 from
No. 3 from
No. 4 from
No. 5 from
No. 6 from
No. 7 from
No. 8 from
No. 9 from
No. 10 from

Casing Record
It is of the greatest importance to have a complete history of the well. Please state in detail the material used, position, and results of running or pulling. If the casing has been dynamited, give date, size, and number of shots used. If there were any changes made in the casing state fully and in detail. If the casing was run together with the record for the work and the results. If there were any changes made in the casing state fully and in detail. If the casing was run together with the record for the work and the results.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD				
Size of casing	Weight of casing	Number sacks of cement	Method used	Mud used

Plugs and Adapters
Heavy plug—Material
Adapters—Material
Length
Size
Depth set

SHOOTING RECORD					
Size	Shell used	Explosive used	Quantity	Date	Depth shot

Tools Used
Rotary tools were used from feet to feet and from feet to feet.
Table tools were used from feet to feet and from feet to feet.

DATA
Put to producing
The production for the first 24 hours was
It gas well and ft. per 24 hours
Look pressure, lbs. per sq. in.
Gravity, 86.1
Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES
Driller
Driller

FORMATION RECORD			
FROM -	TO -	TOTAL FEET	FORMATION
0	3500	3500	Gravel
3500	3550	3550	Sand
3550	3600	3600	Gravel
3600	3650	3650	Sand
3650	3700	3700	Gravel
3700	3750	3750	Sand
3750	3800	3800	Gravel
3800	3850	3850	Sand
3850	3900	3900	Gravel
3900	3950	3950	Sand
3950	4000	4000	Gravel
4000	4050	4050	Sand
4050	4100	4100	Gravel
4100	4150	4150	Sand
4150	4200	4200	Gravel
4200	4250	4250	Sand
4250	4300	4300	Gravel
4300	4350	4350	Sand
4350	4400	4400	Gravel
4400	4450	4450	Sand
4450	4500	4500	Gravel
4500	4550	4550	Sand
4550	4600	4600	Gravel
4600	4650	4650	Sand
4650	4700	4700	Gravel
4700	4750	4750	Sand
4750	4800	4800	Gravel
4800	4850	4850	Sand
4850	4900	4900	Gravel
4900	4950	4950	Sand
4950	5000	5000	Gravel
5000	5050	5050	Sand
5050	5100	5100	Gravel
5100	5150	5150	Sand
5150	5200	5200	Gravel
5200	5250	5250	Sand
5250	5300	5300	Gravel
5300	5350	5350	Sand
5350	5400	5400	Gravel
5400	5450	5450	Sand
5450	5500	5500	Gravel
5500	5550	5550	Sand
5550	5600	5600	Gravel
5600	5650	5650	Sand
5650	5700	5700	Gravel
5700	5750	5750	Sand
5750	5800	5800	Gravel
5800	5850	5850	Sand
5850	5900	5900	Gravel
5900	5950	5950	Sand
5950	6000	6000	Gravel
6000	6050	6050	Sand
6050	6100	6100	Gravel
6100	6150	6150	Sand
6150	6200	6200	Gravel
6200	6250	6250	Sand
6250	6300	6300	Gravel
6300	6350	6350	Sand
6350	6400	6400	Gravel
6400	6450	6450	Sand
6450	6500	6500	Gravel
6500	6550	6550	Sand
6550	6600	6600	Gravel
6600	6650	6650	Sand
6650	6700	6700	Gravel
6700	6750	6750	Sand
6750	6800	6800	Gravel
6800	6850	6850	Sand
6850	6900	6900	Gravel
6900	6950	6950	Sand
6950	7000	7000	Gravel
7000	7050	7050	Sand
7050	7100	7100	Gravel
7100	7150	7150	Sand
7150	7200	7200	Gravel
7200	7250	7250	Sand
7250	7300	7300	Gravel
7300	7350	7350	Sand
7350	7400	7400	Gravel
7400	7450	7450	Sand
7450	7500	7500	Gravel
7500	7550	7550	Sand
7550	7600	7600	Gravel
7600	7650	7650	Sand
7650	7700	7700	Gravel
7700	7750	7750	Sand
7750	7800	7800	Gravel
7800	7850	7850	Sand
7850	7900	7900	Gravel
7900	7950	7950	Sand
7950	8000	8000	Gravel
8000	8050	8050	Sand
8050	8100	8100	Gravel
8100	8150	8150	Sand
8150	8200	8200	Gravel
8200	8250	8250	Sand
8250	8300	8300	Gravel
8300	8350	8350	Sand
8350	8400	8400	Gravel
8400	8450	8450	Sand
8450	8500	8500	Gravel
8500	8550	8550	Sand
8550	8600	8600	Gravel
8600	8650	8650	Sand
8650	8700	8700	Gravel
8700	8750	8750	Sand
8750	8800	8800	Gravel
8800	8850	8850	Sand
8850	8900	8900	Gravel
8900	8950	8950	Sand
8950	9000	9000	Gravel
9000	9050	9050	Sand
9050	9100	9100	Gravel
9100	9150	9150	Sand
9150	9200	9200	Gravel
9200	9250	9250	Sand
9250	9300	9300	Gravel
9300	9350	9350	Sand
9350	9400	9400	Gravel
9400	9450	9450	Sand
9450	9500	9500	Gravel
9500	9550	9550	Sand
9550	9600	9600	Gravel
9600	9650	9650	Sand
9650	9700	9700	Gravel
9700	9750	9750	Sand
9750	9800	9800	Gravel
9800	9850	9850	Sand
9850	9900	9900	Gravel
9900	9950	9950	Sand
9950	10000	10000	Gravel