

4 - USGS
1 - Bvllc.
1 - Region
1 - File

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-65.

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **NM 013550**

LEASE OR PERMIT TO PROSPECT

San Juan Unit 29-5

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Phillips Petroleum Company** Address **P.O. Box 939, Aztec, New Mexico**Lessor or Tract _____ Field **Wildcat** State **New Mexico**Unit **29-5** Meas. Sec. **33** T. **29N** R. **5W** Meridian **NMPM** County **Rio Arriba**Well No. **5-33** Location **990** ft. **N** of **N** Line and **990** ft. **W** of **E** Line of **NE 1/4 Sec. 33** Elevation **6738**
(Derrick floor relative to _____)

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 _____

Date **April 28, 1954**Title **District Superintendent**

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

Commenced drilling **November 14, 1953**, 19____ Finished drilling **February 2, 1954**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3400** to **3617** No. 4, from **5590** to **5863**No. 2, from **3617** to **3823** No. 5, from **5863** to **6193**No. 3, from **5508** to **5590** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **2880** to **3092** 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—	
9-5/8"	19.4	Arco	SW SJ	162'	Larking				
7"	23.4	Arco	J-55	5419'	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	172'	200	Halliburton		
7"	5433	325	Halliburton		

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
	None	SNG	1916 qts	12-15-53	6003-6193	6193

TOOLS USED

Rotary tools were used from **0** feet to **6193** feet, and from _____ feet to _____ feet

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

DATES

Plugged and abandoned February 2, 1954

_____, 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. _____

EMPLOYEES

J. A. Byrd - Lease Foreman, **XXXX** _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2880	2880	Sand and shale.
2880	3092	212	Sandstone, shale stringers
3092	3400	308	Shales, some sand
3400	3617	217	Sandstone, coal and shales.
3617	3823	206	Sandstone, traces coal, some shale.
3823	5508	1685	Shales, traces sand in lower sections.
5508	5590	82	Sandstone, shale stringers
5590	5863	273	Sandstone, shale & coal.
5863	6193	330	Sandstone, shale stringers.
6193	0	6193	Plugged and abandoned.
FORMATION TOPS			
			Ojo Alamo 2880
			Kirtland 3092
			Fruitland 3400
			Pictured Cliffs 3617
			Lewis 3823
			Cliff House 5508
			Manefee 5590
			Point Lookout 5863

[OVER]

16-43094-2

FROM-	TO-	TOTAL FEET	FORMATION
1100	1000	100	Gravelly sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
1000	900	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
900	800	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
800	700	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
700	600	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
600	500	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
500	400	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
400	300	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
300	200	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
200	100	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.
100	0	100	Sandstone, medium bedded, gray to brown, fossiliferous, contains small pebbles of quartz and chert.

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.

DATE	DESCRIPTION	AMOUNT	UNIT
1900	100.00	100.00	ft.
1901	100.00	100.00	ft.
1902	100.00	100.00	ft.
1903	100.00	100.00	ft.
1904	100.00	100.00	ft.
1905	100.00	100.00	ft.
1906	100.00	100.00	ft.
1907	100.00	100.00	ft.
1908	100.00	100.00	ft.
1909	100.00	100.00	ft.
1910	100.00	100.00	ft.
1911	100.00	100.00	ft.
1912	100.00	100.00	ft.
1913	100.00	100.00	ft.
1914	100.00	100.00	ft.
1915	100.00	100.00	ft.
1916	100.00	100.00	ft.
1917	100.00	100.00	ft.
1918	100.00	100.00	ft.
1919	100.00	100.00	ft.
1920	100.00	100.00	ft.
1921	100.00	100.00	ft.
1922	100.00	100.00	ft.
1923	100.00	100.00	ft.
1924	100.00	100.00	ft.
1925	100.00	100.00	ft.
1926	100.00	100.00	ft.
1927	100.00	100.00	ft.
1928	100.00	100.00	ft.
1929	100.00	100.00	ft.
1930	100.00	100.00	ft.
1931	100.00	100.00	ft.
1932	100.00	100.00	ft.
1933	100.00	100.00	ft.
1934	100.00	100.00	ft.
1935	100.00	100.00	ft.
1936	100.00	100.00	ft.
1937	100.00	100.00	ft.
1938	100.00	100.00	ft.
1939	100.00	100.00	ft.
1940	100.00	100.00	ft.
1941	100.00	100.00	ft.
1942	100.00	100.00	ft.
1943	100.00	100.00	ft.
1944	100.00	100.00	ft.
1945	100.00	100.00	ft.
1946	100.00	100.00	ft.
1947	100.00	100.00	ft.
1948	100.00	100.00	ft.
1949	100.00	100.00	ft.
1950	100.00	100.00	ft.
1951	100.00	100.00	ft.
1952	100.00	100.00	ft.
1953	100.00	100.00	ft.
1954	100.00	100.00	ft.
1955	100.00	100.00	ft.
1956	100.00	100.00	ft.
1957	100.00	100.00	ft.
1958	100.00	100.00	ft.
1959	100.00	100.00	ft.
1960	100.00	100.00	ft.
1961	100.00	100.00	ft.
1962	100.00	100.00	ft.
1963	100.00	100.00	ft.
1964	100.00	100.00	ft.
1965	100.00	100.00	ft.
1966	100.00	100.00	ft.
1967	100.00	100.00	ft.
1968	100.00	100.00	ft.
1969	100.00	100.00	ft.
1970	100.00	100.00	ft.
1971	100.00	100.00	ft.
1972	100.00	100.00	ft.
1973	100.00	100.00	ft.
1974	100.00	100.00	ft.
1975	100.00	100.00	ft.
1976	100.00	100.00	ft.
1977	100.00	100.00	ft.
1978	100.00	100.00	ft.
1979	100.00	100.00	ft.
1980	100.00	100.00	ft.
1981	100.00	100.00	ft.
1982	100.00	100.00	ft.
1983	100.00	100.00	ft.
1984	100.00	100.00	ft.
1985	100.00	100.00	ft.
1986	100.00	100.00	ft.
1987	100.00	100.00	ft.
1988	100.00	100.00	ft.
1989	100.00	100.00	ft.
1990	100.00	100.00	ft.
1991	100.00	100.00	ft.
1992	100.00	100.00	ft.
1993	100.00	100.00	ft.
1994	100.00	100.00	ft.
1995	100.00	100.00	ft.
1996	100.00	100.00	ft.
1997	100.00	100.00	ft.
1998	100.00	100.00	ft.
1999	100.00	100.00	ft.
2000	100.00	100.00	ft.

IMPORTANT WATER SAMPLES

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

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Pacific Northwest Pipeline Corporation Lease San Juan 29-55

Well No. 5-33X Unit Letter A S 33 T 29N R 5W Pool Blanco Mesa Verde

County Rio Arriba Kind of Lease (State, Fed. or Patented) _____

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate _____

Address _____

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 997 Farmington, New Mexico

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well _____ ()

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership _____ (X) Other _____ ()

Remarks: _____ (Give explanation below)



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 16th day of May 19 56

By Original signed by G. H. Peppin

Approved 5/21 19 56

Title District Proration Engineer

OIL CONSERVATION COMMISSION

Company Pacific Northwest Pipeline Corp.

By Emory C. Arnold

Address 413 1/2 W. Main St.

Title Oil and Gas Inspector Dist. #2

Farmington, New Mexico

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <u>5</u>		
DISTRIBUTION		
	NO. FURNISHED	
Operator	<u>2</u>	
Santa Fe	<u>1</u>	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter	<u>1</u>	
File	<u>1</u>	☒