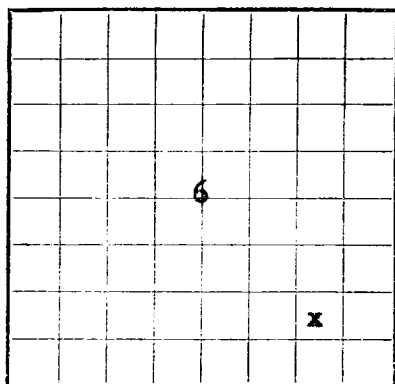
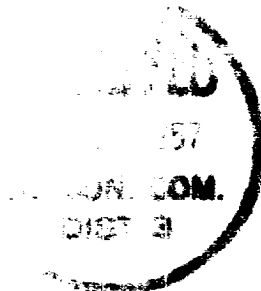




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 3F-079756
LEASE OR PERMIT TO PROSPECT
14-08-001-1055

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 451 West Broadway, Farmington, N.M.
Lessor or Tract San Juan 29-4 Field Pictured Cliffs State New Mexico
Well No. 11-6 Sec. 6 T. 29N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 140 ft. N. of 3 Line and 185 ft. E. of 8 Line of Section 6 Elevation 7538.5
(Derrick floor relative to datum) ungraded ground

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 G. H. Peppin

Date August 26, 1957 Title District Irrigation Engineer

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

Commenced drilling August 10, 1956 Finished drilling September 3, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to 454 No. 4, from 0 to 0
No. 2, from 0 to 0 No. 5, from 0 to 0
No. 3, from 0 to 0 No. 6, from 0 to 0

IMPORTANT WATER SANDS

No. 1, from 0 to 0 No. 3, from 0 to 0
No. 2, from 0 to 0 No. 4, from 0 to 0

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	24.4	8	8-1/2	223.68'	Tex. Pat.				
5-1/2	17.8	8	8-1/2	459.00'	8-1/2				
2-3/8	5.7	8	8-1/2	116.00'	8-1/2				
HYDROX OF OIL GAS COV. A-1-1									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	223.93'	150 sx. regular	Halliburton		
5-1/2	459.00'	175 sx. regular	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

TOOLS USED

Rotary tools were used from 0 feet to 4595 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 1, 1955 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. _____

GAS TOO SMALL TO MEASURE
EMPLOYEES

Robert Meize, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	3697'	3697'	Surface
3697'	3820'	123'	Ojo Alamo
3820'	4087'	267'	Kirtland
4087'	4203'	116'	Fruitland
4203'			Pictured Cliffs
4595'			Total Depth
4547'			Plug Back Total Depth

1-6-57

20

101-111

[OVER]

10-43004-8

10-43004-8

FORMATION RECORD—CONTINUED

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 the 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.

9-4-56, Perf 438-56, 4502-56, 4518-56, 4532-56, 4548-56, 4564-56, 4580-56, 4596-56, 4612-56, 4628-56, 4644-56, 4660-56, 4676-56, 4692-56, 4708-56, 4724-56, 4740-56, 4756-56, 4772-56, 4788-56, 4804-56, 4820-56, 4836-56, 4852-56, 4868-56, 4884-56, 4900-56, 4916-56, 4932-56, 4948-56, 4964-56, 4980-56, 4996-56, 5012-56, 5028-56, 5044-56, 5060-56, 5076-56, 5092-56, 5108-56, 5124-56, 5140-56, 5156-56, 5172-56, 5188-56, 5204-56, 5220-56, 5236-56, 5252-56, 5268-56, 5284-56, 5300-56, 5316-56, 5332-56, 5348-56, 5364-56, 5380-56, 5396-56, 5412-56, 5428-56, 5444-56, 5460-56, 5476-56, 5492-56, 5508-56, 5524-56, 5540-56, 5556-56, 5572-56, 5588-56, 5604-56, 5620-56, 5636-56, 5652-56, 5668-56, 5684-56, 5700-56, 5716-56, 5732-56, 5748-56, 5764-56, 5780-56, 5796-56, 5812-56, 5828-56, 5844-56, 5860-56, 5876-56, 5892-56, 5908-56, 5924-56, 5940-56, 5956-56, 5972-56, 5988-56, 6004-56, 6020-56, 6036-56, 6052-56, 6068-56, 6084-56, 6100-56, 6116-56, 6132-56, 6148-56, 6164-56, 6180-56, 6196-56, 6212-56, 6228-56, 6244-56, 6260-56, 6276-56, 6292-56, 6308-56, 6324-56, 6340-56, 6356-56, 6372-56, 6388-56, 6404-56, 6420-56, 6436-56, 6452-56, 6468-56, 6484-56, 6500-56, 6516-56, 6532-56, 6548-56, 6564-56, 6580-56, 6596-56, 6612-56, 6628-56, 6644-56, 6660-56, 6676-56, 6692-56, 6708-56, 6724-56, 6740-56, 6756-56, 6772-56, 6788-56, 6804-56, 6820-56, 6836-56, 6852-56, 6868-56, 6884-56, 6900-56, 6916-56, 6932-56, 6948-56, 6964-56, 6980-56, 6996-56, 7012-56, 7028-56, 7044-56, 7060-56, 7076-56, 7092-56, 7108-56, 7124-56, 7140-56, 7156-56, 7172-56, 7188-56, 7204-56, 7220-56, 7236-56, 7252-56, 7268-56, 7284-56, 7300-56, 7316-56, 7332-56, 7348-56, 7364-56, 7380-56, 7396-56, 7412-56, 7428-56, 7444-56, 7460-56, 7476-56, 7492-56, 7508-56, 7524-56, 7540-56, 7556-56, 7572-56, 7588-56, 7604-56, 7620-56, 7636-56, 7652-56, 7668-56, 7684-56, 7700-56, 7716-56, 7732-56, 7748-56, 7764-56, 7780-56, 7796-56, 7812-56, 7828-56, 7844-56, 7860-56, 7876-56, 7892-56, 7908-56, 7924-56, 7940-56, 7956-56, 7972-56, 7988-56, 8004-56, 8020-56, 8036-56, 8052-56, 8068-56, 8084-56, 8100-56, 8116-56, 8132-56, 8148-56, 8164-56, 8180-56, 8196-56, 8212-56, 8228-56, 8244-56, 8260-56, 8276-56, 8292-56, 8308-56, 8324-56, 8340-56, 8356-56, 8372-56, 8388-56, 8404-56, 8420-56, 8436-56, 8452-56, 8468-56, 8484-56, 8500-56, 8516-56, 8532-56, 8548-56, 8564-56, 8580-56, 8596-56, 8612-56, 8628-56, 8644-56, 8660-56, 8676-56, 8692-56, 8708-56, 8724-56, 8740-56, 8756-56, 8772-56, 8788-56, 8804-56, 8820-56, 8836-56, 8852-56, 8868-56, 8884-56, 8900-56, 8916-56, 8932-56, 8948-56, 8964-56, 8980-56, 8996-56, 9012-56, 9028-56, 9044-56, 9060-56, 9076-56, 9092-56, 9108-56, 9124-56, 9140-56, 9156-56, 9172-56, 9188-56, 9204-56, 9220-56, 9236-56, 9252-56, 9268-56, 9284-56, 9300-56, 9316-56, 9332-56, 9348-56, 9364-56, 9380-56, 9396-56, 9412-56, 9428-56, 9444-56, 9460-56, 9476-56, 9492-56, 9508-56, 9524-56, 9540-56, 9556-56, 9572-56, 9588-56, 9604-56, 9620-56, 9636-56, 9652-56, 9668-56, 9684-56, 9700-56, 9716-56, 9732-56, 9748-56, 9764-56, 9780-56, 9796-56, 9812-56, 9828-56, 9844-56, 9860-56, 9876-56, 9892-56, 9908-56, 9924-56, 9940-56, 9956-56, 9972-56, 9988-56, 10004-56, 10020-56, 10036-56, 10052-56, 10068-56, 10084-56, 10100-56, 10116-56, 10132-56, 10148-56, 10164-56, 10180-56, 10196-56, 10212-56, 10228-56, 10244-56, 10260-56, 10276-56, 10292-56, 10308-56, 10324-56, 10340-56, 10356-56, 10372-56, 10388-56, 10404-56, 10420-56, 10436-56, 10452-56, 10468-56, 10484-56, 10500-56, 10516-56, 10532-56, 10548-56, 10564-56, 10580-56, 10596-56, 10612-56, 10628-56, 10644-56, 10660-56, 10676-56, 10692-56, 10708-56, 10724-56, 10740-56, 10756-56, 10772-56, 10788-56, 10804-56, 10820-56, 10836-56, 10852-56, 10868-56, 10884-56, 10900-56, 10916-56, 10932-56, 10948-56, 10964-56, 10980-56, 10996-56, 11012-56, 11028-56, 11044-56, 11060-56, 11076-56, 11092-56, 11108-56, 11124-56, 11140-56, 11156-56, 11172-56, 11188-56, 11204-56, 11220-56, 11236-56, 11252-56, 11268-56, 11284-56, 11300-56, 11316-56, 11332-56, 11348-56, 11364-56, 11380-56, 11396-56, 11412-56, 11428-56, 11444-56, 11460-56, 11476-56, 11492-56, 11508-56, 11524-56, 11540-56, 11556-56, 11572-56, 11588-56, 11604-56, 11620-56, 11636-56, 11652-56, 11668-56, 11684-56, 11700-56, 11716-56, 11732-56, 11748-56, 11764-56, 11780-56, 11796-56, 11812-56, 11828-56, 11844-56, 11860-56, 11876-56, 11892-56, 11908-56, 11924-56, 11940-56, 11956-56, 11972-56, 11988-56, 12004-56, 12020-56, 12036-56, 12052-56, 12068-56, 12084-56, 12100-56, 12116-56, 12132-56, 12148-56, 12164-56, 12180-56, 12196-56, 12212-56, 12228-56, 12244-56, 12260-56, 12276-56, 12292-56, 12308-56, 12324-56, 12340-56, 12356-56, 12372-56, 12388-56, 12404-56, 12420-56, 12436-56, 12452-56, 12468-56, 12484-56, 12500-56, 12516-56, 12532-56, 12548-56, 12564-56, 12580-56, 12596-56, 12612-56, 12628-56, 12644-56, 12660-56, 12676-56, 12692-56, 12708-56, 12724-56, 12740-56, 12756-56, 12772-56, 12788-56, 12804-56, 12820-56, 12836-56, 12852-56, 12868-56, 12884-56, 12900-56, 12916-56, 12932-56, 12948-56, 12964-56, 12980-56, 12996-56, 13012-56, 13028-56, 13044-56, 13060-56, 13076-56, 13092-56, 13108-56, 13124-56, 13140-56, 13156-56, 13172-56, 13188-56, 13204-56, 13220-56, 13236-56, 13252-56, 13268-56, 13284-56, 13300-56, 13316-56, 13332-56, 13348-56, 13364-56, 13380-56, 13396-56, 13412-56, 13428-56, 13444-56, 13460-56, 13476-56, 13492-56, 13508-56, 13524-56, 13540-56, 13556-56, 13572-56, 13588-56, 13604-56, 13620-56, 13636-56, 13652-56, 13668-56, 13684-56, 13700-56, 13716-56, 13732-56, 13748-56, 13764-56, 13780-56, 13796-56, 13812-56, 13828-56, 13844-56, 13860-56, 13876-56, 13892-56, 13908-56, 13924-56, 13940-56, 13956-56, 13972-56, 13988-56, 14004-56, 14020-56, 14036-56, 14052-56, 14068-56, 14084-56, 14100-56, 14116-56, 14132-56, 14148-56, 14164-56, 14180-56, 14196-56, 14212-56, 14228-56, 14244-56, 14260-56, 14276-56, 14292-56, 14308-56, 14324-56, 14340-56, 14356-56, 14372-56, 14388-56, 14404-56, 14420-56, 14436-56, 14452-56, 14468-56, 14484-56, 14500-56, 14516-56, 14532-56, 14548-56, 14564-56, 14580-56, 14596-56, 14612-56, 14628-56, 14644-56, 14660-56, 14676-56, 14692-56, 14708-56, 14724-56, 14740-56, 14756-56, 14772-56, 14788-56, 14804-56, 14820-56, 14836-56, 14852-56, 14868-56, 14884-56, 14900-56, 14916-56, 14932-56, 14948-56, 14964-56, 14980-56, 14996-56, 15012-56, 15028-56, 15044-56, 15060-56, 15076-56, 15092-56, 15108-56, 15124-56, 15140-56, 15156-56, 15172-56, 15188-56, 15204-56, 15220-56, 15236-56, 15252-56, 15268-56, 15284-56, 15300-56, 15316-56, 15332-56, 15348-56, 15364-56, 15380-56, 15396-56, 15412-56, 15428-56, 15444-56, 15460-56, 15476-56, 15492-56, 15508-56, 15524-56, 15540-56, 15556-56, 15572-56, 15588-56, 15604-56, 15620-56, 15636-56, 15652-56, 15668-56, 15684-56, 15700-56, 15716-56, 15732-56, 15748-56, 15764-56, 15780-56, 15796-56, 15812-56, 15828-56, 15844-56, 15860-56, 15876-56, 15892-56, 15908-56, 15924-56, 15940-56, 15956-56, 15972-56, 15988-56, 16004-56, 16020-56, 16036-56, 16052-56, 16068-56, 16084-56, 16100-56, 16116-56, 16132-56, 16148-56, 16164-56, 16180-56, 16196-56, 16212-56, 16228-56, 16244-56, 16260-56, 16276-56, 16292-56, 16308-56, 16324-56, 16340-56, 16356-56, 16372-56, 16388-56, 16404-56, 16420-56, 16436-56, 16452-56, 16468-56, 16484-56, 16500-56, 16516-56, 16532-56, 16548-56, 16564-56, 16580-56, 16596-56, 16612-56, 16628-56, 16644-56, 16660-56, 16676-56, 16692-56, 16708-56, 16724-56, 16740-56, 16756-56, 16772-56, 16788-56, 16804-56, 16820-56, 16836-56, 16852-56, 16868-56, 16884-56, 16900-56, 16916-56, 16932-56, 16948-56, 16964-56, 16980-56, 16996-56, 17012-56, 17028-56, 17044-56, 17060-56, 17076-56, 17092-56, 17108-56, 17124-56, 17140-56, 17156-56, 17172-56, 17188-56, 17204-56, 17220-56, 17236-56, 17252-56, 17268-56, 17284-56, 17300-56, 17316-56, 17332-56, 17348-56, 17364-56, 17380-56, 17396-56, 17412-56, 17428-56, 17444-56, 17460-56, 17476-56, 17492-56, 17508-56, 17524-56, 17540-56, 17556-56, 17572-56, 17588-56, 17604-56, 17620-56, 17636-56, 17652-56, 17668-56, 17684-56, 17700-56, 17716-56, 17732-56, 17748-56, 17764-56, 17780-56, 17796-56, 17812-56, 17828-56, 17844-56, 17860-56, 17876-56, 17892-56, 17908-56, 17924-56, 17940-56, 17956-56, 17972-56, 17988-56, 18004-56, 18020-56, 18036-56, 18052-56, 18068-56, 18084-56, 18100-56, 18116-56, 18132-56, 18148-56, 18164-56, 18180-56, 18196-56, 18212-56, 18228-56, 18244-56, 18260-56, 18276-56, 18292-56, 18308-56, 18324-56, 18340-56, 18356-56, 18372-56, 18388-56, 18404-56, 18420-56, 18436-56, 18452-56, 18468-56, 18484-56, 18500-56, 18516-56, 18532-56, 18548-56, 18564-56, 18580-56, 18596-56, 18612-56, 18628-56, 18644-56, 18660-56, 18676-56, 18692-56, 18708-56, 18724-56, 18740-56, 18756-56, 18772-56, 18788-56, 18804-56, 18820-56, 18836-56, 18852-56, 18868-56, 18884-56, 18900-56, 18916-56, 18932-56, 18948-56, 18964-56, 18980-56, 18996-56, 19012-56, 19028-56, 19044-56, 19060-56, 19076-56, 19092-56, 19108-56, 19124-56, 19140-56, 19156-56, 19172-56, 19188-56, 19204-56, 19220-56, 19236-56, 19252-56, 19268-56, 19284-56, 19300-56, 19316-56, 19332-56, 19348-56, 19364-56, 19380-56, 19396-56, 19412-56, 19428-56, 19444-56, 19460-56, 19476-56, 19492-56, 19508-56, 19524-56, 19540-56, 19556-56, 19572-56, 19588-56, 19604-56, 19620-56, 19636-56, 19652-56, 19668-56, 19684-56, 19700-56, 19716-56, 19732-56, 19748-56, 19764-56, 19780-56, 19796-56, 19812-56, 19828-56, 19844-56, 19860-56, 19876-56, 19892-56, 19908-56, 19924-56, 19940-56, 19956-56, 19972-56, 19988-56, 20004-56, 20020-56, 20036-56, 20052-56, 20068-56, 20084-56, 20100-56, 20116-56, 20132-56, 20148-56, 20164-56, 20180-56, 20196-56, 20212-56, 20228-56, 20244-56, 20260-56, 20276-56, 20292-56, 20308-56, 20324-56, 20340-56, 20356-56, 20372-56, 20388-56, 20404-56, 20420-56, 20436-56, 20452-56, 20468-56, 20484-56, 20500-56, 20516-56, 20532-56, 20548-56, 20564-56, 20580-56, 20596-56, 20612-56, 20628-56, 20644-56, 20660-56, 20676-56, 20692-56, 20708-56, 20724-56, 20740-56, 20756-56, 20772-56, 20788-56, 20804-56, 20820-56, 20836-56, 20852-56, 20868-56, 20884-56, 20900-56, 20916-56, 20932-56, 20948-56, 20964-56, 20980-56, 20996-56, 21012-56, 21028-56, 21044-56, 21060-56, 21076-56, 21092-56, 21108-56, 21124-56, 21140-56, 21156-56, 21172-56, 21188-56, 21204-56, 21220-56, 21236-56, 21252-56, 21268-56, 21284-56, 21300-56, 21316-56, 21332-56, 21348-56, 21364-56, 21380-56, 21396-56, 21412-56, 21428-56, 21444-56, 21460-56, 21476-56, 21492-56, 21508-56, 21524-56, 21540-56, 21556-56, 21572-56, 21588-56, 21604-56, 21620-56, 21636-56, 21652-56, 21668-56, 21684-56, 21700-56, 21716-56, 21732-56, 21748-56, 21764-56, 21780-56, 21796-56, 21812-56, 21828-56, 21844-56, 21860-56, 21876-56, 21892-56, 21908-56, 21924-56, 21940-56, 21956-56, 21972-56, 21988-56, 22004-56, 22020-56, 22036-56, 22052-56, 22068-56, 22084-56, 22100-56, 22116-56, 22132-56, 22148-56, 22164-56, 22180-56, 22196-56, 22212-56, 22228-56, 22244-56, 22260-56, 22276-56, 22292-56, 22308-56, 22324-56, 22340-56, 22356-56, 22372-56, 22388-56, 22404-56, 22420-56, 22436-56, 22452-56, 22468-56, 22484-56, 22500-56, 22516-56, 22532-56, 22548-56, 22564-56, 22580-56, 22596-56, 22612-56, 22628-56, 22644-56, 22660-56, 22676-56, 22692-56, 22708-56, 22724-56, 22740-56, 22756-56, 22772-56, 22788-56, 22804-56, 22820-56, 22836-56, 22852-56, 22868-56, 22884-56, 22900-56, 22916-56, 22932-56, 22948-56, 22964-56, 22980-56, 22996-56, 23012-56, 23028-56, 23044-56, 23060-56, 23076-56, 23092-56, 23108-56, 23124-56, 23140-56, 23156-56, 23172-56, 23188-56, 23204-56, 23220-56, 23236-56, 23252-56, 23268-56, 23284-56, 23300-56, 23316-56, 23332-56, 23348-56, 23364-56, 23380-56, 23396-56, 23412-56, 23428-56, 23444-56, 23460-56, 23476-56, 23492-56, 23508-56, 23524-56, 23540-56, 23556-56, 23572-56, 23588-56, 23604-56, 23620-56, 23636-56, 23652-56, 23668-56, 23684-56, 23700-56, 23716-56, 23732-56, 23748-56, 23764-56, 23780-56, 23796-56, 23812-56, 23828-56, 23844-56, 23860-56, 23876-56, 23892-56, 23908-56, 23924-56, 23940-56, 23956-56, 23972-56, 23988-56, 24004-56, 24020-56, 24036-56, 24052-56, 24068-56, 24084-56, 24100-56, 24116-56, 24132-56, 24148-56, 24164-56, 24180-56, 24196-56, 24212-56, 24228-56, 24244-56, 24260-56, 24276-56, 24292-56, 24308-56,