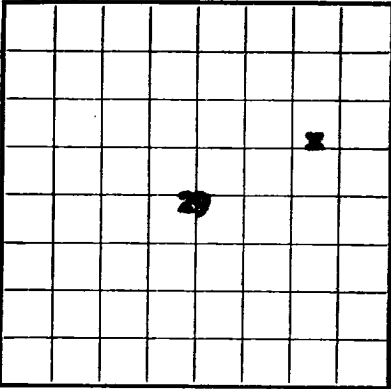


- 4- USGS
- 1- L.C. Tracy
- 2- B. DeLoach
- 1- File

U. S. LAND OFFICE - **Santa Fe**  
 SERIAL NUMBER **27-07269**  
 LEASE OR PERMIT TO PROSPECT  
**714-08-001-587**



LOCATE WELL CORRECTLY



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company **Pacific Northwest Pipeline Corp.** Address **405 1/2 W. Broadway, Farmington, N. M.**  
 Lessor or Tract **Leon Bail** Field **Wildcat N.V.** State **New Mexico**  
 Well No. **15-29** Sec. **29** T. **31 N.** R. **9 W.** Meridian **MPM** County **Rio Arriba**  
 Location **1680 ft. (S.)** of **000** Line and **1110 ft. (W.)** of **000** Line of **000 29** Elevation **4289.5**  
(Derrick floor relative to ground)

The information given herewith is a complete and correct record of the well and all well logs and all other data so far as can be determined from all available records.

Signed **Original signed by T. A. Dugan**  
 Date **September 10, 1956** Title **District Engineer**

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

Commenced drilling **7-14-56**, 19... Finished drilling **8-12-56**, 19...

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)  
 No. 1, from **2040** to **2000** No. 4, from **2000** to **1960**  
 No. 2, from **1960** to **1920** No. 5, from **1920** to **1880**  
 No. 3, from **1880** to **1840** No. 6, from **1840** to **1800**

## IMPORTANT WATER SANDS

No. 1, from **1800** to **1760** No. 3, from **1760** to **1720**  
 No. 2, from **1720** to **1680** No. 4, from **1680** to **1640**

## 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	32.3	8PM	CPAI	182.65	Ball Valve				
7	28.9	8PM	CPAI	170.0	Ball Valve				
5	21.7	8PM	CPAI	125.0	Ball Valve				

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	196.25	150 sz	Halliburton		
7	372.0	200 sz	Halliburton		
5	583.0	125 sz	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 **5913** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**8-12-56**, 19... 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 **100** ft. per 24 hours, **3149** cubic feet of gas per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. **SICP 1109** **SICP 1111** tested thru 3/4" choke on **8-27-56** Shut in 7 days

**Robert Miss** Drilling Engineer, Driller \_\_\_\_\_  
 \_\_\_\_\_, Driller \_\_\_\_\_

## FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2548	2548	Surface
2548	2674	126	Ojo Alamo- Sand
2674	3063	389	Kirtland- Shale w/some sand
3063	3288	222	Fruitland- Interbedded shale, sand & coal
3288	3635	350	Pictured Cliffs- Sand
3635	5407	1772	Lewis- Shale
5407	5495	88	Cliff House- Sand
5495	5716	221	Mancos- Interbedded sand, shale & coal
5716			Point Lookout- Sand
5913			Total Depth

