

2 - N.M.O.C.C. - Santa Fe

2 - N.M.O.C.C. - Artes

1 - E.P.N.G. - E.P. NEW MEXICO OIL CONSERVATION COMMISSION

1 - E.P.N.G. - Farm.

1 - Cutler

1 - File

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name <b>Elmoo Mesa Verde - Pictured Cliffs</b>			County <b>Rio Arriba</b>	Date <b>September 11, 1959</b>
Operator <b>Pacific Northwest Fl. Corp.</b>		Lease <b>San Juan 27-5</b>		Well No. <b>39-1</b>
Location of Well <b>27-5</b>	Unit <b>12</b>	Section <b>27N</b>	Township <b>5N</b>	Range <b>5N</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. **DC-604**; Operator, Lease, and Well No.: **El Paso Natural Gas Co., San Juan 27-5 Well #29**

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<b>Pictured Cliffs</b>	<b>Mesa Verde</b>
b. Top and Bottom of Pay Section (Perforations)	<b>3835-3888</b>	<b>5582-6088</b>
c. Type of production (Oil or Gas)	<b>Gas</b>	<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>	<b>Flowing</b>

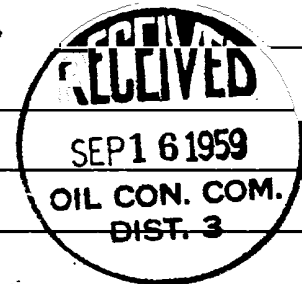
4. The following are attached. (Please mark YES or NO)

- ☒ a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- ☒ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- ☒ c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
- ☒ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

**El Paso Natural Gas Co., Box 1492 El Paso, Texas**

**Petroleum Co., Sistersville, West Virginia**



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **September 11, 1959**

CERTIFICATE: I, the undersigned, state that I am the **Drilling Superintendent** of the **Pacific Northwest Pipeline Corp.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

**L. F. Stone**

Signature

\* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

September 11, 1959

El Paso Natural Gas Company  
Attention: Mr. Norman Woodruff  
Box 1492  
El Paso, Texas

Gentlemen:

This is to notify you, as an offset operator, that Pacific Northwest Pipeline Corporation has dually completed the Unit 27-5 Well 39-12 in the Mesa Verde and Pictured Cliffs formations. This well is located 985'PSL and 1810'FML, Section 12, Township 27 North, Range 5 West, Rio Arriba County, New Mexico.

The Mesa Verde formation was tested on August 24, 1959 and had a calculated absolute open flow of 3928 MCF/D after flowing 3 hours through a 3/4" choke.

The Pictured Cliffs formation was tested on August 31, 1959 and had a calculated absolute open flow of 1569 MCF/D after flowing 3 hours through a 3/4" choke.

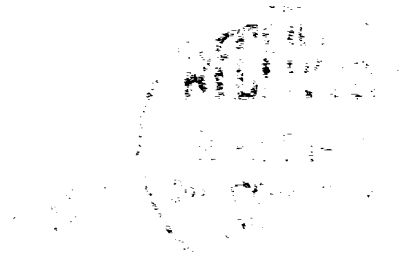
Enclosed is a copy of the application to the Commission of the proposed dual.

Very truly yours,

L. A. Bedford  
Drilling Engineer

LAB:ps

cc: 4 - N.M.O.G.C.  
1 - W. G. Cutler



September 11, 1959

Southern Petroleum Company  
Attention: Mr. Paul Neumannsander  
Sistersville, West Virginia

Gentlemen:

This is to notify you, as an offset operator, that Pacific Northwest Pipeline Corporation has dually completed the Unit 27-5 Well 39-12 in the Mesa Verde and Pictured Cliffs formations. This well is located 985'FWL and 1810'FWL, Section 12, Township 27 North, Range 5 West, Rio Arriba County, New Mexico.

The Mesa Verde formation was tested on August 24, 1959 and had a calculated absolute open flow of 3928 MCF/D after flowing 3 hours through a  $3/4$ " choke.

The Pictured Cliffs formation was tested on August 31, 1959 and had a calculated absolute open flow of 1569 MCF/D after flowing 3 hours through a  $3/4$ " choke.

Enclosed is a copy of the application to the Commission of the proposed dual.

Very truly yours,

L. A. Bedford  
Drilling Engineer

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NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

6-1-56

PACKER-SETTING AFFIDAVIT  
(Dual Completions)

STATE OF New Mexico )  
County of San Juan ) ss

L. A. Bedford, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by Pacific Northwest Pipeline <sup>Corperation</sup> in the capacity of Drilling Engineer and as such is its authorized agent.

That on August 12, 19 59, he personally supervised the setting of a Paker Model "H" in Pacific Northwest Pipeline Corp's  
(Make and Type of Packer) (Operator)

San Juan Unit 27-5 Well No. 39-12, located in Unit  
(lease)  
Letter H, Section 12, Township 27N, Range 2W, NMPM,  
Rio Arriba County, New Mexico.

That said packer was set at a subsurface depth of 5432 feet,  
said depth measurement having been furnished by Tubing Measurement.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Pacific Northwest Pipeline Corp.,  
(Company)

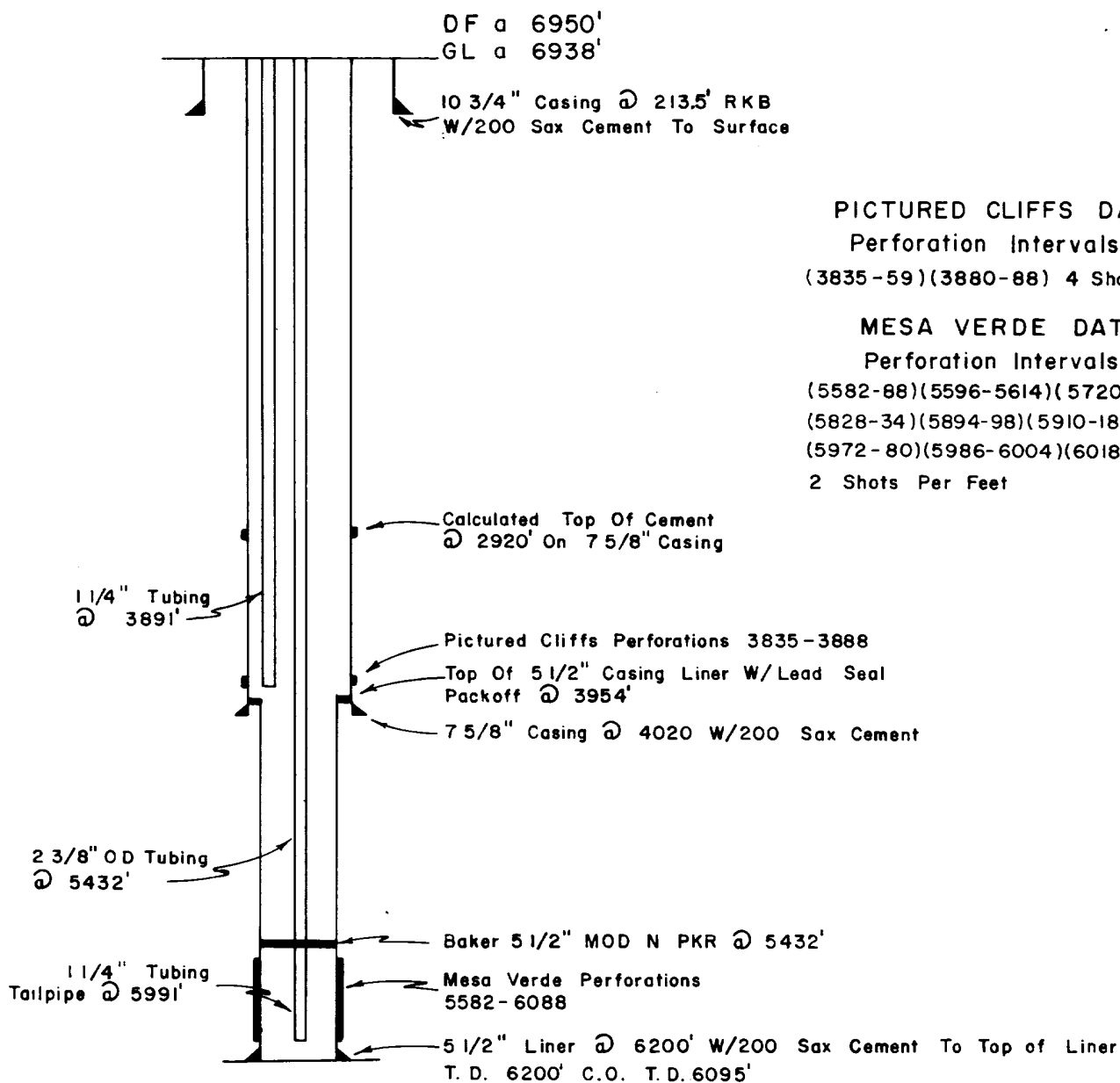
L. A. Bedford  
(its Agent)

Subscribed and sworn to before me this the 11th day of Sept., AD,  
19 59.

L. B. Hall  
Notary Public in and for the County  
of San Juan, New Mexico.

My Commission Expires 1-21-61.





VERTICAL SCALE 1"=1000'

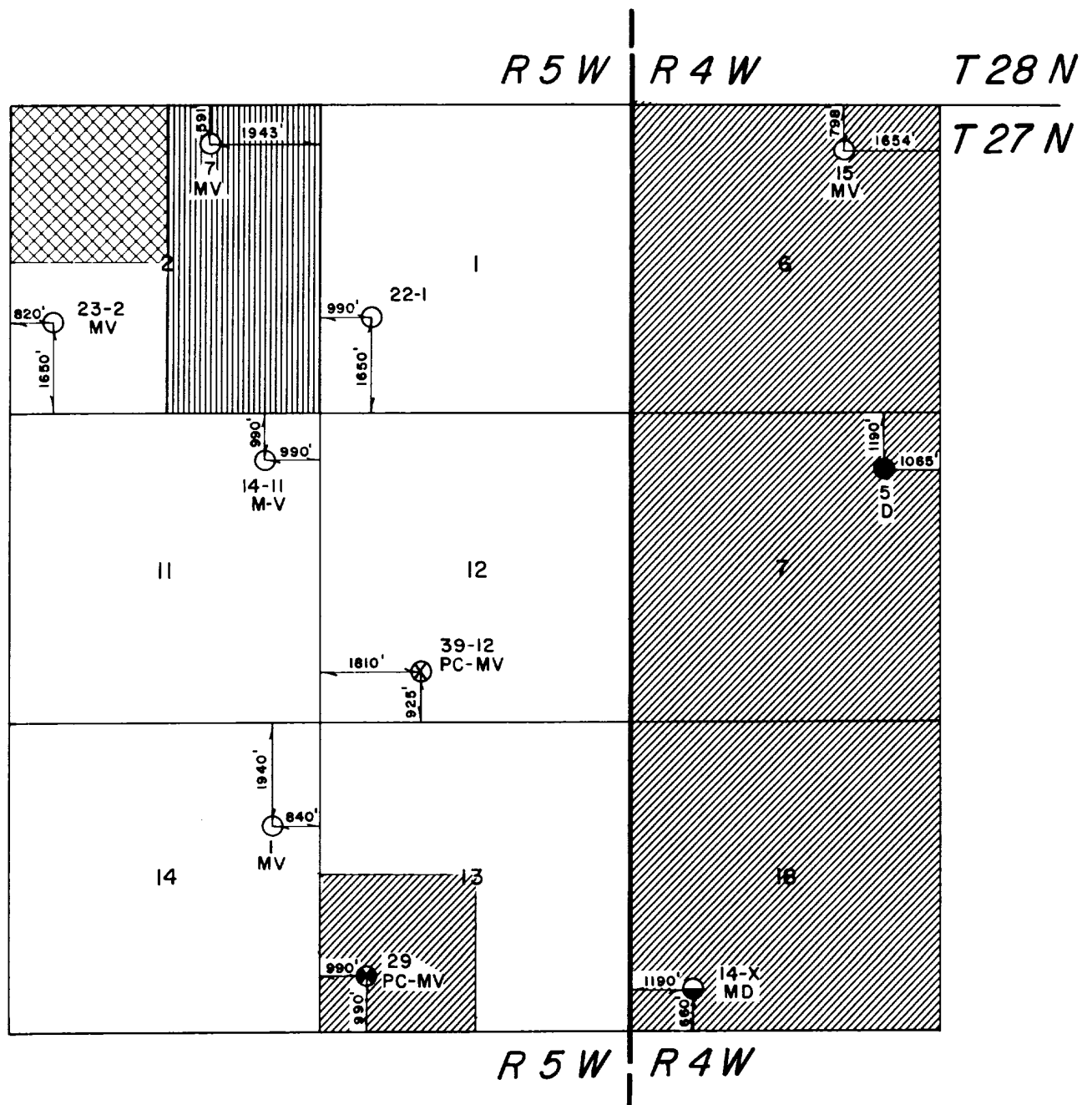
ALL MEASUREMENTS RKB = G.L. + 12.0 FT.

## PACIFIC NORTHWEST PIPELINE CORP.

Farmington, New Mexico

Diagrammatic Sketch Of Dual Gas Completion For  
San Juan 27-5 Well No. 39-12 In Mesa Verde  
And Pictured Cliffs Formations 925' FSL And  
1810' FWL, Sec. 12, T 27 N R 5 W. N.M.P.M.  
Rio Arriba County, New Mexico.





LOCATION OF PROPOSED DUAL  
MESA VERDE - PICTURED CLIFFS  
SAN JUAN 27-5 WELL NO. 39-12

Acreage Owned By Pacific Northwest Pipeline Corp.

Acreage Owned By Northwest Production Corp.

Acreage Owned By EL PASO Natural Gas Co.

Acreage Owned By Southern Petroleum Co.

- Producing Mesa Verde Well
- Producing Dakota Well
- Producing Mesa Verde - Dakota Well
- Producing Mesa Verde - Pictured Cliffs Dual
- Proposed Mesa Verde - Pictured Cliffs Dual

