

2 - MDOC - Astec 1 - W. G. Cutler
 2 - MDOC - Santa Fe 1 - FIL
 1 - El Paso - El Paso, Tex.
 1 - El Paso - Farmington
 1 - Northwest Production - Albu
 1 - Southern Petroleum

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Obregon		County Rio Arriba	Date 9-10-59
Operator El Paso Natural Gas Co.		Lease San Juan 27-5	Well No. 13-16
Location of Well M	Unit 16	Township 27N	Range 2W

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 646** ; Operator, Lease, and Well No.:

El Paso Natural Gas Co.
San Juan 27-5 Unit, Well No. 38-16

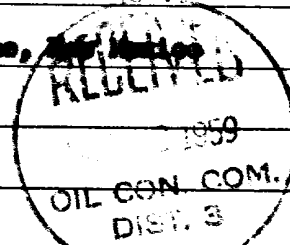
3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Pictured Cliffs	Mesa Verde
b. Top and Bottom of Pay Section (Perforations)	3882-3302	4286-5590
c. Type of production (Oil or Gas)	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing

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

- yes 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.
yes 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.
yes 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.*
yes 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.

Southern Petroleum Company Sistersville, West Virginia
Northwest Production Corp. 320 Sims Building Albuquerque, New Mexico



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 **9-10-59**

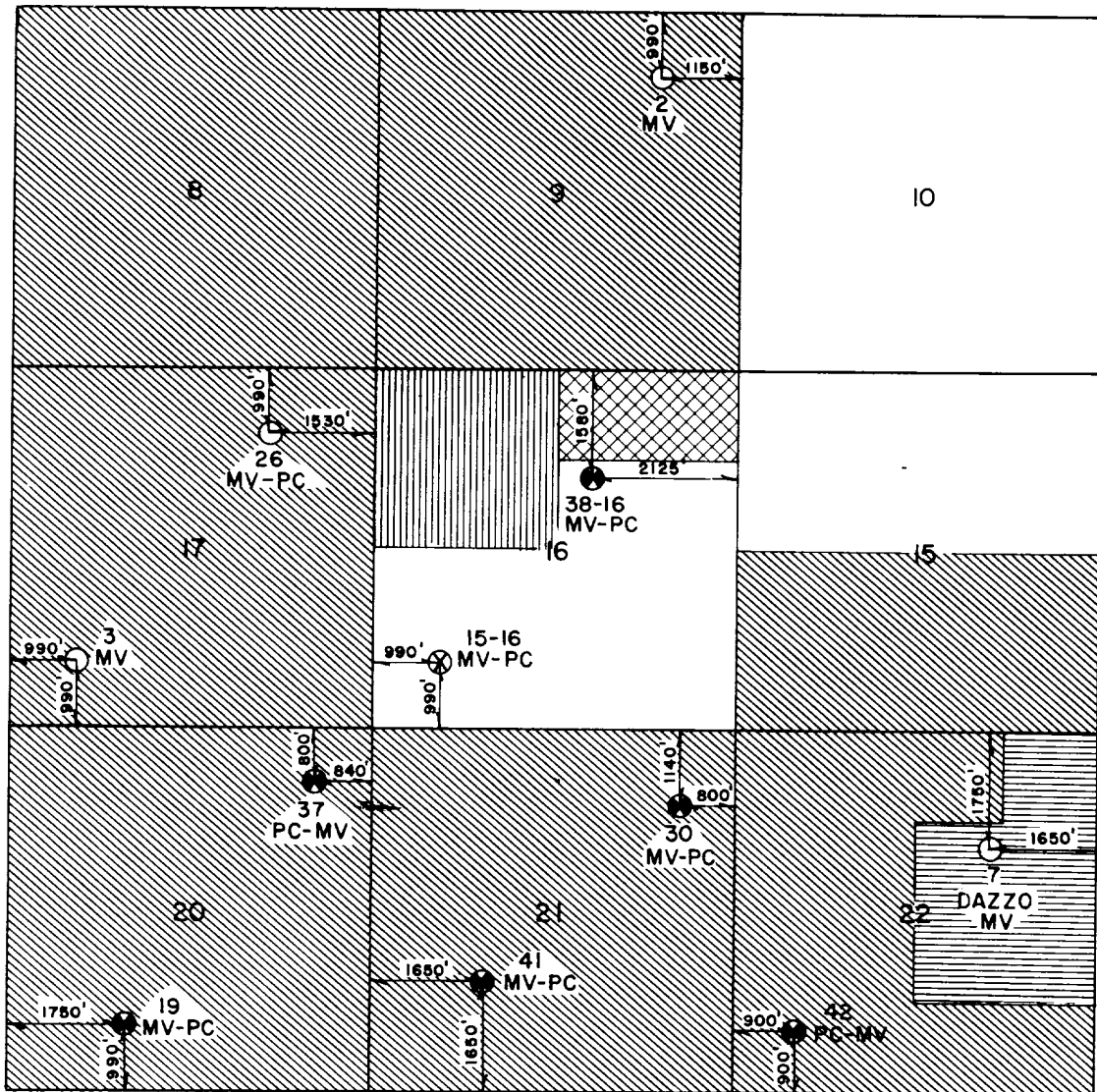
CERTIFICATE: I, the undersigned, state that I am the **Drilling Superintendent** of the **Pacific Northwest Pipeline Corp's.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein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

Agent for El Paso Natural Gas Co.




[Signature]
 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.

T27N



LOCATION OF PROPOSED DUAL
PICTURED CLIFFS - MESA VERDE
SAN JUAN 27-5 WELL NO. 15-16

-  Acreage Owned By Pacific Northwest Pipeline Corp.
-  Acreage Owned By EL PASO Natural Gas Co.
-  Acreage Owned By Northwest Production Corp.

2 - ~~W. G. Cutler~~ - Santa Fe, New Mexico
1 - W. G. Cutler
1 - File

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 Corp in the capacity of Drilling Engineer and as such is its authorized agent.

That on August 7, 1959, he personally supervised the setting of a 5 1/2" Baker Model "H" in El Paso Natural Gas Co.'s's
(Make and Type of Packer) (Operator)

San Juan 27-5 Well No. 15-16, located in Unit
(lease)
Letter M, Section 16, Township 27N, Range 5W, NMPM,
Rio Arriba County, New Mexico.

That said packer was set at a subsurface depth of 4811.75 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.

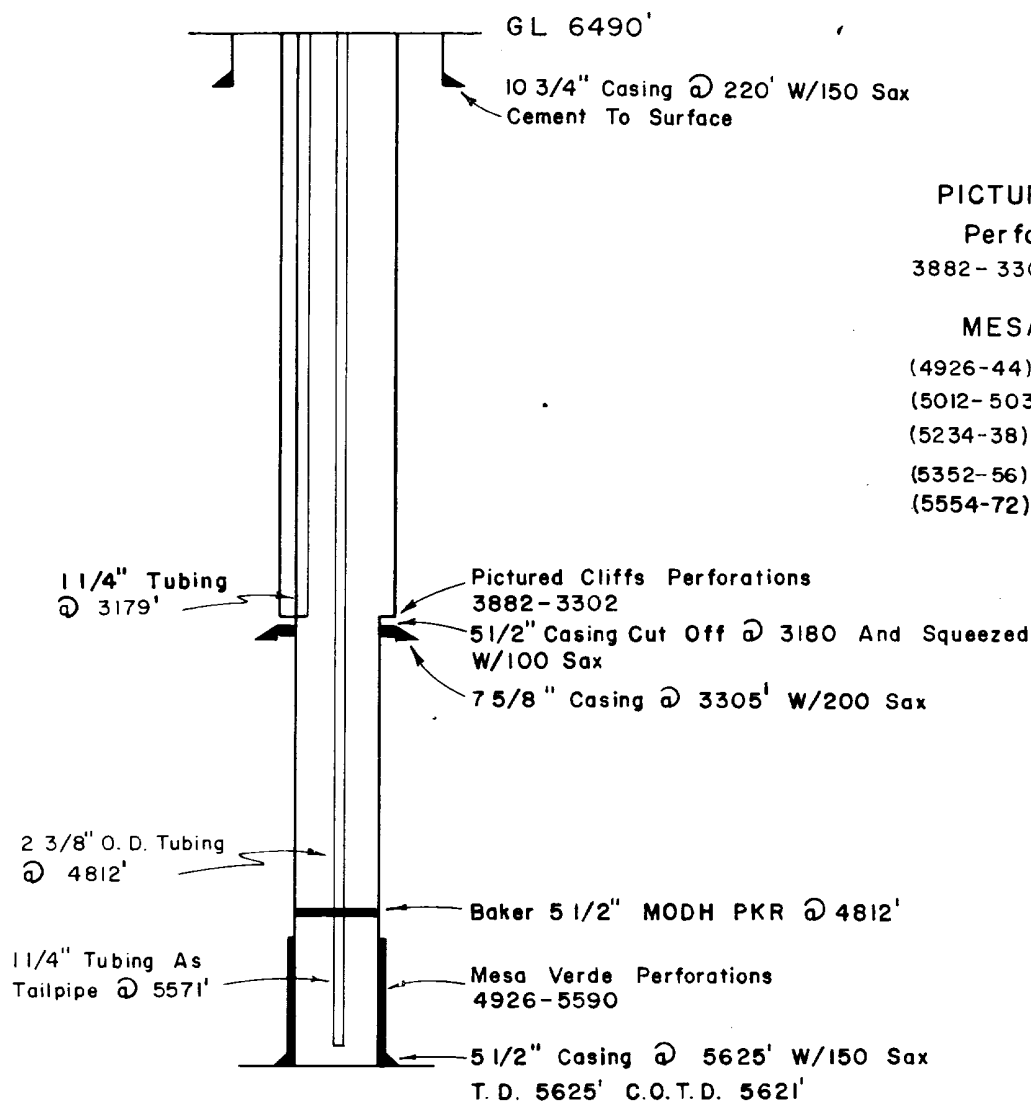
Pacific Northwest Pipeline Corporation
Agent for El Paso Natural Gas Co.

L. A. Bedford
(its Agent)

Subscribed and sworn to before me this the 10th day of Sept., AD, 1959.

Original Signed - Lawrence Blair Hall
Notary Public in and for the County
of San Juan, New Mexico.

My Commission Expires 1-21-61.



PICTURED CLIFFS DATA

Perforation Intervals

3882-3302 6 Shots Per Foot

MESA VERDE DATA

(4926-44)(4932-60)(4964-70)(4976-82)
(5012-5036)(5172-80)(5184-88)(5202-08)
(5234-38)(5248-54)(5312-28)(5334-38)
(5352-56)(5384-92)(5404-16)(5542-46)
(5554-72)(5582-90) 2 Shots Per Foot

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. 15-16 In Mesa Verde
And Pictured Cliffs Formations 990' FSL And
990' FWL, Sec. 16, T 27 N R 5 W N.M.P.M.
Rio Arriba County, New Mexico.

September 14, 1959

Mr. Paul Neuenschwander
Southern Petroleum Company
Sistersville, West Virginia

Dear Sir:

This is to notify you, a holder of offset acreage, that Pacific Northwest Pipeline Corporation has reworked and dually completed the Unit 27-5, Well No. 15-16, on August 26, 1959. The well is a Mesa Verde - Pictured Cliffs dual located 990' from the West line 990' from the South line in Section 16, Township 27N, Range 5W, Rio Arriba County, New Mexico.

The Pictured Cliffs was tested on August 19, 1959 and had a calculated Absolute Open Flow of 7688 mcf per day.

The Mesa Verde was retested on August 26, 1959 and had a calculated Absolute Open Flow of 1571 mcf per day.

Very truly yours,

L. F. Stone
Drilling Superintendent

LFB:pls

cc: 2 - New Mexico Oil Conservation Commission - Alamo, New Mexico
2 - New Mexico Oil Conservation Commission - Santa Fe, New Mexico
1 - Mr. W. G. Cutler - Salt Lake City, Utah
1 - File

September 14, 1959

Mr. Ray Phillips
Northwest Production Corporation
520 Simms Building
Albuquerque, New Mexico

Dear Sir:

This is to notify you, a holder of offset acreage, that Pacific Northwest Pipeline Corporation has reworked and dually completed the Unit 27-5, Well No. 15-16, on August 26, 1959. The well is a Mesa Verde - Pictured Cliffs dual located 990' from the West line 990' from the South line in Section 16, Township 27N, Range 5W, Rio Arriba County, New Mexico.

The Pictured Cliffs was tested on August 19, 1959 and had a Calculated Absolute Open Flow of 7688 mcf per day.

The Mesa Verde was retested on August 26, 1959 and has a Calculated Absolute Open Flow of 1571 mcf per day.

Very truly yours,

L. F. Stone
Drilling Superintendent

LFS:pls

- cc: 2 - New Mexico Oil Conservation Commission - Aztec, New Mexico
2 - New Mexico Oil Conservation Commission - Santa Fe, New Mexico
1 - Mr. W. G. Cutler - Salt Lake City, Utah
1 - File

September 14, 1959

Mr. Ray Phillips
 Northwest Production Corporation
 2202 B Street Building
 Albuquerque, New Mexico

Dear Sir:

This is to notify you, a holder of offset contracts, that Pacific Northwest Pipeline Corporation has reworked and finally completed the Unit 27-5, Well No. 15-16, on August 26, 1959. The well is a Mesa Verde - Pictured Cliffs dual located 990' from the West line 990' from the South line in Section 16, Township 27N, Range 5W, Rio Arriba County, New Mexico.

The Pictured Cliffs was tested on August 19, 1959 and had a Calculated Absolute Open Flow of 1688 mcf per day.

The Mesa Verde was retested on August 26, 1959 and has a Calculated Absolute Open Flow of 1571 mcf per day.

Very truly yours,

E. F. Stone
 Drilling Superintendent

LF5:qle

- 1 - Mr. W. G. Outler - Salt Lake City, Utah
- 2 - New Mexico Oil Conservation Commission - Santa Fe, New Mexico
- 2 - New Mexico Oil Conservation Commission - Aztec, New Mexico
- 1 - File