

Case 1626

**PAN AMERICAN PETROLEUM CORPORATION**

Box 487, Farmington, New Mexico  
March 18, 1959

File: B-2075-400.1

Subject: Application for Gallup-Dakota  
Dual Completion  
Gallegos Canyon Unit No. 83

Mr. A. L. Porter (3)  
New Mexico Oil Conservation Commission  
P. O. Box 1901  
Santa Fe, New Mexico

Dear Sir:

In accordance with the provisions of Order No. R-1214 dated July 3, 1958, amending Rule 112-A for multiple completions, Pan American Petroleum Corporation respectfully requests a hearing for the purpose of obtaining approval for a Gallup oil zone over a Dakota gas zone dual completion of our Gallegos Canyon Unit No. 83, located 990' from the north line and 990' from the east line, Section 26, T28N, R12W, San Juan County, New Mexico.

We are submitting the attached Application For Dual Completion together with a diagramatic sketch of the dual completion equipment, plat showing applicable well locations, and a copy of the electrical log. A packer leakage test of the Gallegos Canyon Unit No. 83 has been submitted to the District Office in Aztec, New Mexico, and was approved February 26, 1959. There are no offset operators to this well.

By separate application we are requesting a similar hearing for the Gallegos Canyon Unit No. 84, and it would be appreciated if these applications were placed on the same docket.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

*L. O. Speer, Jr.*  
L. O. Speer, Jr.  
Field Superintendent

FHH:ep  
Attach.

cc: E. C. Arnold - NMOCC (1)

*Docket Mailed  
3-25-59  
EP*

# NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

Field Name <u>Undesignated Gallup-Undesignated Dakota</u>		County <u>San Juan</u>	Date <u>March 13, 1959</u>
Operator <u>Pan American Petroleum Corporation</u>		Lease <u>Gallegos Canyon Unit</u>	Well No. <u>83</u>
Location of Well <u>A</u>	Unit <u>26</u>	Township <u>28N</u>	Range <u>12W</u>

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 X
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<u>Gallup</u>	<u>Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>5548-5620</u>	<u>6200-6294</u>
c. Type of production (Oil or Gas)	<u>Oil</u>	<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Pump</u>	<u>Flow</u>

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.
- None 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.

None

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 \_\_\_\_\_.

**CERTIFICATE:** I, the undersigned, state that I am the Field Superintendent of the Pan American Petroleum Corporation (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. O. J. [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 perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Reference Point - RDB El. 5819'

12'

Ground Level El. 5807'

523' of 9-5/8" 32.3# casing in  
13-3/4" hole (cemented to surface)

Top of cement 1200'

← 2-stage cementing tool at 1883'

Top of Cement 4432'

Gallup Perforations - 2 shots per foot  
5548-5620

5632' of 2-3/8" 4.7# tubing (with  
2.910" O.D. tapered couplings)

5586' of 3/4" sucker rods and pump

6110' Baker Model "D" Retainer  
production packer

Dakota Perforations - 4 shots per  
foot 6200-6230 6280-6294

PBD - 6325'

TD - 6343' - 7" 23# & 20# casing in  
8-3/4" hole

6206' of 2-3/8" 4.7# tubing (with  
2.910" O.D. tapered couplings) with  
Baker Model "E" Anchor Tubing Seal  
Assembly

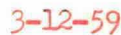
PAN AMERICAN PETROLEUM CORPORATION

SCALE: None

GALLEGOS CANYON UNIT NO. 83 - DIAGRAMATIC SKETCH OF DUAL COMPLETION EQUIP.

FHH 3/12/59

DRG.  
No.



## PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico  
March 13, 1959

File: B-2072-400.1

Subject: Packer Setting Affidavit  
Gallegos Canyon Unit No. 83  
Dakota-Gallup Dual  
NE/4 NE/4 Section 26, T28N, R12W  
San Juan County, New Mexico

Mr. E. C. Arnold (2)  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Asteo, New Mexico


Dear Sir:

In accordance with the rules and regulations of the New Mexico Oil Conservation Commission Order No. R-1214, dated July 3, 1958, a packer setting affidavit for the Gallegos Canyon Unit No. 83 is attached.

The packer leakage test was submitted and approved February 26, 1959.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

  
L. O. Speer, Jr.  
Field Superintendent

FH:ep

cc: Mr. A. L. Porter (2)

COPY

STATE OF NEW MEXICO )

COUNTY OF SAN JUAN )

I, Mack Mahaffey, being first duly sworn upon my oath depose and say as follows:

I am an employee of Baker Oil Tools, Inc., and that on January 30, 1959, I was called to the location of the Pan American Petroleum Corporation's Gallegos Canyon Unit No. 83, well located in the Unit A of Section 26, Township 28N, Range 12W, N. M. P. M. for the purpose of installing a production packer. Under my direct supervision a Baker Model D production packer was set at 6110 feet. The production packer was properly set in accordance with the usual practices and customs of the industry.

Mack Mahaffey

Baker Oil Tools, Inc.

Subscribed and sworn to before me, a Notary Public in and for San Juan County, New Mexico, the 29th day of January, 1959.

[Signature]  
Notary Public in and for San Juan  
County, New Mexico

My Commission Expires Oct. 29, 1962  
My commission expires