

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

DATE 11-9-59

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 11-6-59
for the Pan American Keys Gas Unit C #1 1N-29-29N-10W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Agree

Yours very truly,

Emory C. Arnold
OIL CONSERVATION COMMISSION

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
November 6, 1959

File: B-2354-400.1

Subject: Application for Dual Completion
Keys Gas Unit "C" No. 1
Aztec Pictured Cliffs and
Fruitland Fields
San Juan County, New Mexico

Mr. A. L. Porter (2)
New Mexico Oil Conservation Commission
P. O. Box 1901
Santa Fe, New Mexico

Dear Sir:

In accordance with the provisions of Rule No. 112-A, Multiple Completions, as amended by Order No. R-1444, dated July 3, 1958, Pan American Petroleum Corporation respectfully requests administrative approval to dually complete the Keys Gas Unit "C" No. 1 in the Pictured Cliffs and Fruitland gas zones located in Unit N, Section 29, T-29-N, R-10-W, San Juan County, New Mexico. Keys Gas Unit "C" No. 1 is located approximately one mile southeast of the Paul Case-Sullivan No. 5 which was approved for dual completion in the same zones by Order No. EC-734 dated March 8, 1958.

As specified in Rule 112-A, we are submitting in quadruplicate an Application for Dual Completion, a Diagrammatic Sketch of Dual Completion, a plat showing the location of the Keys Gas Unit "C" No. 1 with respect to offsetting wells, including the names and addresses of offset operators. Also submitted is one copy of the electric log which has been posted with the required completion data.

Also being submitted in quadruplicate is a packer bench test which was completed successfully on October 28, 1959. Included with the Packer Bench test is the required packer setting affidavit.

By registered letter, offset operators are being furnished a copy of this letter and a copy of the Dual Completion Application.

Very truly yours,

PAN AMERICAN PETROLEUM CORPORATION

L. C. Speer, Jr.

L. C. Speer, Jr.
Area Superintendent

RBB:hh

cc: Mr. E. C. Arnold (2)
Southern Union Gas Co., Farmington, N. M.
Case & Vaio, Albuquerque, N. M.
Francis L. Harvey, Nichita Hall, T. M.
Bernice McKay, Albuquerque, N. M.

COPY

Washington, D. C.

June 1, 1919

Mr. J. H. ...
...
...

Dear Sir:

I have the honor to acknowledge the receipt of your letter of May 28, 1919, in relation to the matter of the ...
...
...

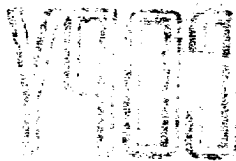
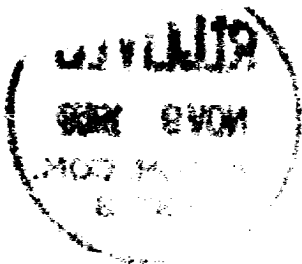
I am sorry to hear that you are unable to visit the ...
...
...

I am sure that you will find the ...
...
...

I am sure that you will find the ...
...
...

Sincerely,
...

Very truly,
...



NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Astec Pictured Cliffs		County San Juan	Date 11-6-59
Operator Pan American Petroleum Corporation		Lease Keys Gas Unit "C"	Well No. 1
Location Unit of Well N	Section 29	Township 29N	Range 10W

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 the life of the subject well? YES ☒ NO
2. If answer is yes, identify one such instance: Order No. **DC-734**; Operator, Lease, and Well No.: **Paul Jones-Sullivan No. 5**

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Astec Fruitland	Astec Pictured Cliffs
b. Top and Bottom of Pay Section (Perforations)	1595-1655	1802-1826
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 12-A.)

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

Southern Union Gas Company, Box 815, Farmington, New Mexico

Case & Vaio, Box 1022, Albuquerque, New Mexico

Francis L. Harvey, Box 990, Wichita Falls, Texas

Horace McKay, 800 Loma Linda, 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: **Registered Letter 11-6-59**

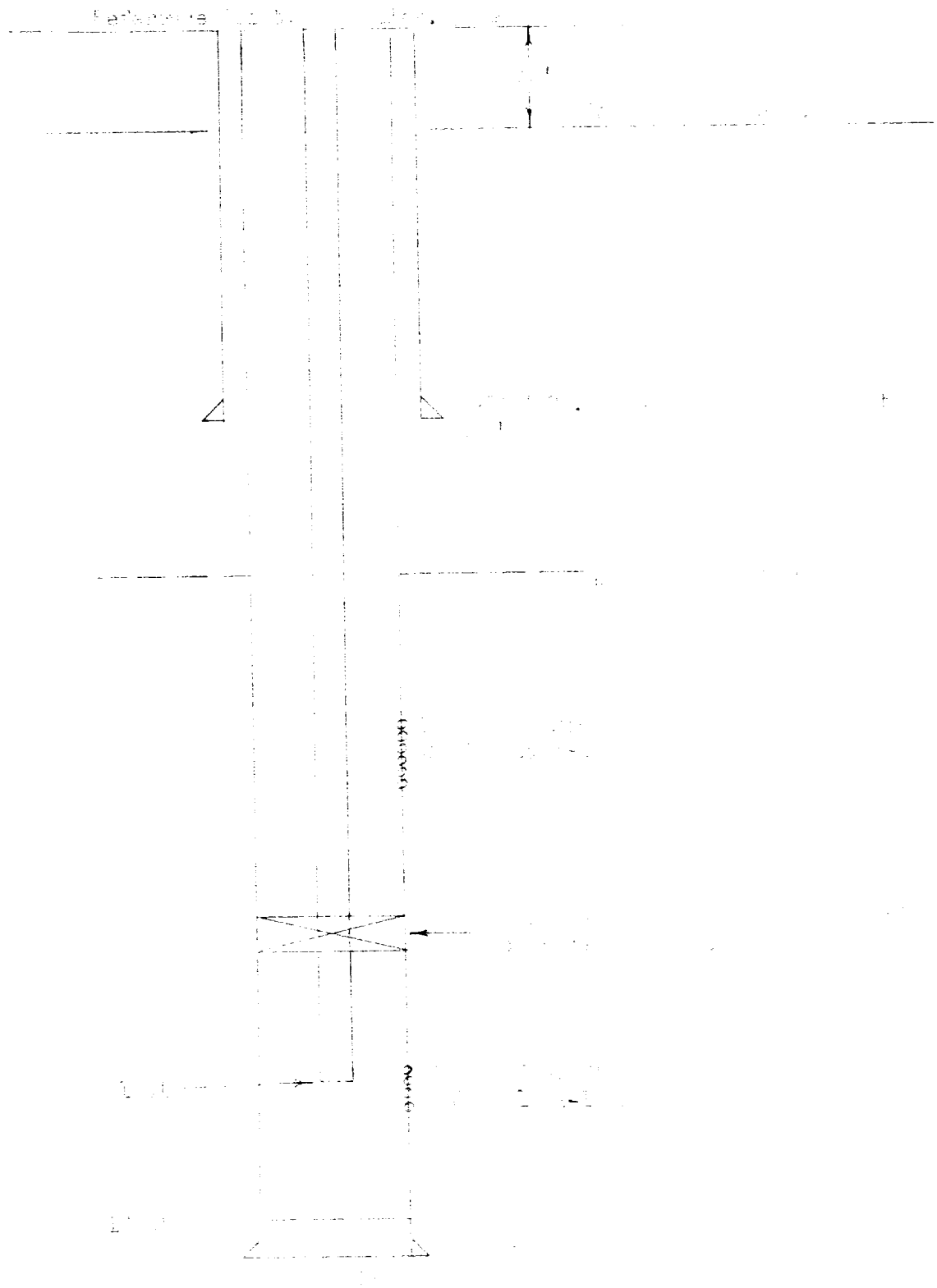
CERTIFICATE: I, the undersigned, state that I am the **Area Foreman** of the **Pan American Petroleum Corporation** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

J. R. Stockton

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 at the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Commission, then the application will then be processed.

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



PAN AMERICAN PETROLEUM CORPORATION

STATE OF NEW MEXICO)
)
COUNTY OF SAN JUAN)

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

I am an employee of Baker Oil Tools, Inc., and that on September 21,
1959, I was called to the location of the Pan American Petroleum Corporation's
Keys Gas Unit "C" No. 1, Well located in the Unit N
of Section 29, Township 29N, Range 10W, N. M. P. M. for the
purpose of installing a production packer. Under my direct supervision
Baker Model D production packer was set at 1780 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 5th day of November, 1959.

Notary Public in and for San Juan
County, New Mexico

My commission expires

1. The first of these is the fact that the total number of individuals in the population is finite.

2. The second is that the population is homogeneous.

3. The third is that the population is homogeneous in all relevant aspects.

4. The fourth is that the population is homogeneous in all relevant aspects.

5. The fifth is that the population is homogeneous in all relevant aspects.

6. The sixth is that the population is homogeneous in all relevant aspects.

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18. The eighteenth is that the population is homogeneous in all relevant aspects.

19. The nineteenth is that the population is homogeneous in all relevant aspects.