

P. O. Drawer 1150  
Cortez, Colorado

June 10, 1959

5-25-12

In re: Benally Lease, SW/4 Section 5, Township 25N,  
Range 12W, San Juan County, New Mexico

Mr. A. L. Porter, Jr., Secretary-Director  
New Mexico Oil Conservation Commission  
107 Mabry Hall, Capitol Building  
Santa Fe, New Mexico

Dear Sir:

Due to the planned conversion of our Benally No. 1  
to an LPG-gas injection well in the LPG-gas injection project  
covered by Order R-1414, we hereby request that Benally No. 2  
be classified as a transfer well effective the date operations  
commence to convert Benally No. 1 to an injection well.

The expected date of commencement of operations is  
June 11, 1959.

Yours very truly,  
Phillips Petroleum Company

*C M Boles*

C. M. Boles  
District Superintendent

WJW:bh

cc: Mr. Emery C. Arnold  
New Mexico Oil Conservation Commission  
Box 697  
Aztec, New Mexico

U. S. Geological Survey  
Box 965  
Farmington, New Mexico



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June 10, 1959

In re: Benally Lease, SW/4 Section 5, Township 25N,  
Range 12W, San Juan County, New Mexico

Mr. A. L. Porter, Jr., Secretary-Director  
New Mexico Oil Conservation Commission  
107 Mabry Hall, Capitol Building  
Sante Fe, New Mexico

Dear Sir:

Attached is Form C-116 which lists three consecutive 24-hour production tests of Benally No. 1 for purposes of allowable transfer. Mr. Emery C. Arnold was consulted and advised by telephone and our confirming letter of June 5th of the commencement of these tests.

Also attached are waivers by offset operators to the transfer of allowables from Benally No. 1 to Benally No. 2. Offset operators are Sunray Mid-Continent Oil Company, Amerado Petroleum Corporation and El Paso Natural Gas Products Company.

This is our request to transfer the total well allowables from Benally No. 1 to Benally No. 2, such transfer to become effective June 11, 1959, or the day operations commence to convert Benally No. 1 to an injection well, whichever is the later date.

Benally No. 1 is being converted to an LPG-gas injection well under terms of Order R-1414.

Sincerely yours,  
Phillips Petroleum Company



C. M. Boles  
District Superintendent

WJW:bh  
Attachments

cc: Mr. Emery C. Arnold ✓  
New Mexico Oil Conservation Commission  
Aztec, New Mexico

U. S. Geological Survey  
Box 965, Farmington, N.M.



W A I V E R

Mr. Emery C. Arnold, Supervisor  
New Mexico Oil & Gas Commission  
Box 697  
Aztec, New Mexico

Phillips Petroleum Company, operator of Benally Lease, located in the SW/4 Section 5-25N-12W, San Juan County, New Mexico (Bisti-Lower Gallup Pool) is requesting the transfer of allowables from Benally Well No. 1, located 660' EWL, 660' NSL, Section 5 to Benally Well No. 2, located 1980' NSL and 1980' EWL, Section 5 effective with the date operations commence to convert Benally No. 1 to an LPG gas injection well.

I Robert A. Drake of lawful age being first duly sworn, qualified and authorized by Amerada Petroleum Corporation to make this affidavit and fully cognizant of the facts herein set out, hereby waive any and all objections to this request.

Robert A. Drake

Subscribed and sworn to before me this 11 day of

June, 1959.

Maurine Semrod

Notary Public in and for La Plata

County, Durango, Colo

My commission expires April 21, 1962.

## QUESTION

Consider the following function:

$$f(x) = 2x^2 - 3x + 1$$

1. Find the vertex of the parabola.
2. Find the x-intercepts of the parabola.
3. Find the y-intercept of the parabola.
4. Sketch the graph of the parabola.

Solution: The function is a quadratic function, so its graph is a parabola. The vertex of the parabola is at  $(\frac{3}{4}, -\frac{5}{8})$ . The x-intercepts are at  $(\frac{1}{2}, 0)$  and  $(1, 0)$ . The y-intercept is at  $(0, 1)$ .

The graph of the parabola is shown below.



ANSWER

W A I V E R

Mr. Emery C. Arnold, Supervisor  
New Mexico Oil & Gas Commission  
Box 697  
Astec, New Mexico

Phillips Petroleum Company, operator of Benally Lease, located in the SW/4 Section 5-25N-12W, San Juan County, New Mexico (Bisti - Lower Gallup Pool) is requesting the transfer of allowables from Benally Well No. 1, located 660' EWL, 660' NSL, Section 5 to Benally Well No. 2, located 1980' NSL and 1980' EWL, Section 5 effective with the date operations commence to convert Benally No. 1 to an LPG gas injection well.

I James C. Vandiver, Jr. of lawful age being first  
duly sworn, qualified and authorized by El Paso Natural Gas Products  
Company to make this affidavit and fully cognizant of the facts herein  
set out, hereby waive any and all objections to this request.

James C. Vandiver, Jr.

Subscribed and sworn to before me this 11<sup>th</sup> day of  
June, 1959.

Jonathan R. Kelsey  
Notary Public in and for San Juan  
County, New Mexico

My commission expires My Commission Expires March 25, 1962 \*

# Introduction

The purpose of this document is to provide a comprehensive overview of the project's objectives, scope, and deliverables. It serves as a reference point for all stakeholders involved in the project.

The project is designed to address the following key areas:

- **Project Objectives:** Define the primary goals and outcomes expected from the project.
- **Scope:** Outline the boundaries of the project, including what is included and excluded.
- **Deliverables:** List the specific outputs and products that will be generated during the project.
- **Timeline:** Establish a clear schedule for the project's progression.
- **Resources:** Identify the personnel, equipment, and materials required for successful completion.

The project team is committed to maintaining open communication and providing regular updates to all stakeholders. We anticipate that the project will be completed within the specified timeframe and budget.

For more information, please contact the project manager at [contact information].

Thank you for your interest in this project.

Sincerely,  
[Signature]

Project Manager, [Project Name]

[Project Name] is a collaborative effort between [Organization A] and [Organization B].

For further details, please refer to the project charter or contact the project manager.



W A I V E R

Mr. Emery C. Arnold, Supervisor  
New Mexico Oil & Gas Commission  
Box 697  
Aztec, New Mexico

Phillips Petroleum Company, operator of Benally Lease, located in the SW/4 Section 5-25N-12W, San Juan County, New Mexico (Bisti - Lower Gallup Pool) is requesting the transfer of allowables from Benally Well No. 1, located 660' EWL, 660' NSL, Section 5 to Benally Well No. 2 located 1980' NSL and 1980' EWL, Section 5 effective with the date operations commence to convert Benally No. 1 to an LPG gas injection well.

I GUY N. RUMBAUGH, JR of lawful age being first duly sworn, qualified and authorized by Sunray Mid-Continent Oil Company to make this affidavit and fully cognizant of the facts herein set out, hereby waive any and all objections to this request.

Guy N. Rumbaugh, Jr.

Subscribed and sworn to before me this 12<sup>th</sup> day of June, 1959.

Alvin G. Henth  
Notary Public in and for San Juan  
County New Mexico

My commission expires \_\_\_\_\_.

My Commission Expires Oct. 29, 1962

P. O. Drawer 1150  
Cortez, Colorado

June 10, 1959

Mr. A. L. Porter, Jr., Secretary-Director  
New Mexico Oil Conservation Commission  
107 Mabry Hall, Capitol Building  
Santa Fe, New Mexico

Dear Sir:

Attached hereto is Sundry Notices & Report on Wells, U.S.G.S. Form 9-331b requesting permission to convert our Benally Well No. 1 located 660' FSL and 660' FWL of Section 5-25N-12W, San Juan County, New Mexico, from an oil well to a combination LPG-gas injection well for secondary recovery. A plat is also attached showing the input well and all wells and operators within one-half mile radius of the proposed injection well.

Offset operators within one-half mile of the proposed injection well, as listed below, have been furnished a copy of this application and have waived their objection to the proposed conversion by approving the transfer of Benally No. 1 allowables to Benally No. 2, the only remaining well on the lease.

Immediate approval of the proposed conversion will be appreciated.

Yours very truly,  
Phillips Petroleum Company

*C. M. Boles*

C. M. Boles  
District Superintendent

HGC/bh  
Wttach.

cc: Mr. Emery C. Arnold, NMOCC  
Box 697, Aztec, N. M.

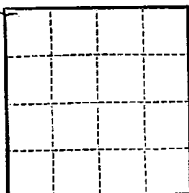
Sunray Mid-Continent Oil Company  
Farmington, New Mexico  
Amerada Petroleum Corporation  
Durango, Colorado  
El Paso Natural Gas Products Co.  
Farmington, N. M.

(SUBMIT IN TRIPLICATE)

Indian Agency Norajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Norajo-De-Norajo  
Lease No. 14-80-603-1292



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		
<u>Notice of Intention to convert producing well to LPG-gas injection well</u>		<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado June 10, 1959

Locally

Well No. 1 is located 660 ft. from RI line and 660 ft. from RII line of sec. 5

SW Sec 5

(1/4 Sec. and Sec. No.)

25N

(Twp.)

12W

(Range)

RMPM

(Meridian)

Bisti - Lower Gallup

(Field)

San Juan County

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 6211 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Full rods and tubing, set production packer at 4775', re-run tubing and hook up for LPG-gas injection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

Address P. O. Drawer 1150

Cortez, Colorado

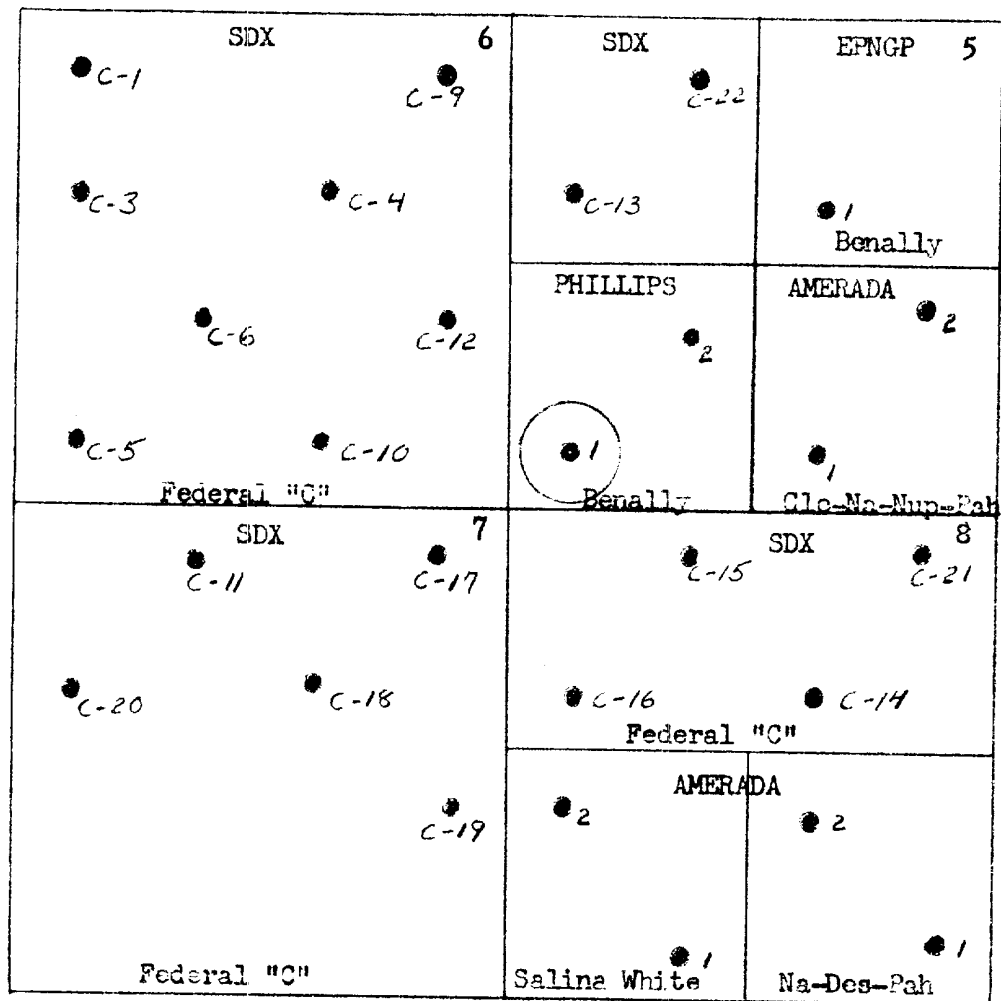
By

C. M. Baltes

Title

C. M. Baltes  
District Superintendent





Note: Phillips Benally No. 1 is proposed injection well.

# BARTLESVILLE, OKLAHOMA

PHILLIPS PETROLEUM COMPANY  
Benally Lease  
SW/4 Sec. 5, R-12-W, T-25-N  
San Juan County, New Mexico

DRAWN

CHECKED

APPROVED

AFE NO

SCALE

DWG NO

SHEET NO