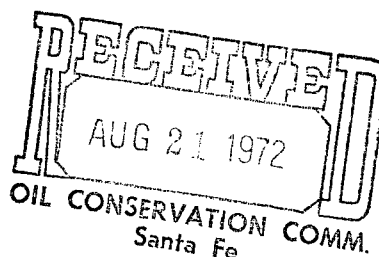


POST OFFICE BOX 869 • ALBUQUERQUE, NEW MEXICO 87103 • TELEPHONE (505) 842-1940

PUBCO

August 18, 1972



Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Pubco Petroleum Corporation respectfully requests Administrative approval for exception to Rule 104 for the following unorthodox Pictured Cliff location:

Pubco Petroleum Corporation
Federal #19
350' FWL & 990' FNL
Section 1, T-26N, R-6W
Rio Arriba County, New Mexico

Attached you will find a topographic and ownership plat of the area showing the proposed location. Pubco is seeking State Administrative approval for exception to Rule 104 because of the prohibitive expense which would be involved in building a road and location to a more geologically desirable point on top of Albert Mesa in the NE/4 NW/4 of Section 1.

A copy of "Surveyor's Plat" and "Application to Drill" this Pictured Cliff well is attached. Also attached is a copy of the request for waiver of objection to offset operators, the mailing list of offset operators, and a copy of the Certified mail receipts.

Thank you.

Very truly yours,

A handwritten signature in cursive script that reads "Charles W. Sanders".

Charles W. Sanders
Area Production Manager

CWS:cm
Enclosures



ROAD CLASSIFICATION

Unimproved

Light-duty

1 MILE

1:24,000

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16000 14000 12000 10000 8000 6000 4000 2000 0

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PUBCO

POST OFFICE BOX 869 • ALBUQUERQUE, NEW MEXICO 87103 • TELEPHONE (505) 842-1940

August 18, 1972

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87401

Gentlemen:

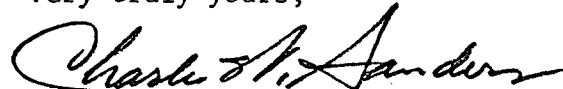
Pubco Petroleum Corporation respectfully requests your waiver of objection to the following unorthodox location:

Pubco Petroleum Corporation
Federal #19
350' FWL & 990' FNL
Section 1, T-26N, R-6W
Rio Arriba County, New Mexico

Attached you will find a topographic and ownership plat of the area showing the proposed well location. Pubco is seeking State Administrative approval for exception to Rule 104 because of the prohibitive expense which would be involved in building a road and location to a more geologically desirable point on top of Albert Mesa in the NE/4 NW/4 of Section 1.

A copy of the "Application to Drill" this Pictured Cliff well is also attached. Please call if you require additional information about the proposed well.

Very truly yours,



Charles W. Sanders
Area Production Manager

CWS:cm

We hereby waive objection to the above unorthodox location.

BY: _____

COMPANY: _____

PUBCO

POST OFFICE BOX 869 • ALBUQUERQUE, NEW MEXICO 87103 • TELEPHONE (505) 842-1940

August 18, 1972

Caulkins Oil Company
315 Majestic Building
209 16th Street
Denver, Colorado 80202

Gentlemen:

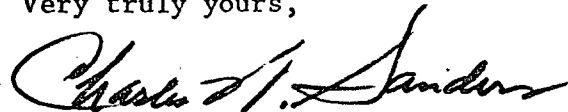
Pubco Petroleum Corporation respectfully requests your waiver of objection to the following unorthodox location:

Pubco Petroleum Corporation
Federal #19
350' FWL & 990' FNL
Section 1, T-26N, R-6W
Rio Arriba County, New Mexico

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A copy of the "Application to Drill" this Pictured Cliff well is also attached. Please call if you require additional information about the proposed well.

Very truly yours,



Charles W. Sanders
Area Production Manager

CWS:cm

We hereby waive objection to the above unorthodox location.

BY: _____

COMPANY: _____

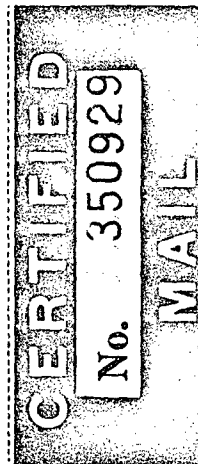
No. 350929

RECEIPT FOR CERTIFIED MAIL—30¢

SENT TO El Paso Natural Gas Company		POSTMARK OR DATE
STREET AND NO. P. O. Box 990		
P. O., STATE, AND ZIP CODE Farmington, New Mexico 87401		
EXTRA SERVICES FOR ADDITIONAL FEES		
Shows to whom and date delivered <input type="checkbox"/> 10¢ fee	Shows to whom, date, and where delivered <input type="checkbox"/> 35¢ fee	Deliver to Addressee Only <input type="checkbox"/> 50¢ fee

POD Form 3800
Mar. 1966

NO INSURANCE COVERAGE PROVIDED— (See other side)
NOT FOR INTERNATIONAL MAIL



665-16-71318-9 GPO

REGISTERED NO.	1	SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in)
CERTIFIED NO.	2	SIGNATURE OF ADDRESSEE'S AGENT, IF ANY
INSURED NO.	3	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)	

Received the numbered article described below.

RECEIPT

(Additional charges required for these services)

<input type="checkbox"/> Show to whom and date delivered	<input type="checkbox"/> Show to whom, date, and address where delivered	<input type="checkbox"/> Deliver ONLY to addressee
--	--	--

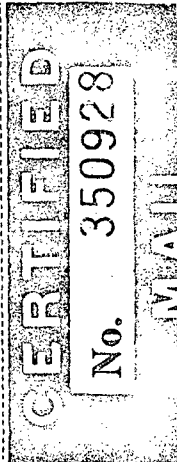
INSTRUCTIONS TO DELIVERING EMPLOYEE

No. 350928

RECEIPT FOR CERTIFIED MAIL—30¢

SENT TO Caulkins Oil Company		POSTMARK OR DATE 8/18/72 Waiver of Objection
STREET AND NO. 315 Majestic Bldg, 209 16th Street		
P. O., STATE, AND ZIP CODE Denver, Colorado 80202		
EXTRA SERVICES FOR ADDITIONAL FEES		
Return Receipt Shows to whom and date delivered <input type="checkbox"/> 10¢ fee	Shows to whom, date, and where delivered <input type="checkbox"/> 35¢ fee	Deliver to Addressee Only <input type="checkbox"/> 50¢ fee

POD Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side)
Mar. 1966 NOT FOR INTERNATIONAL MAIL



INSTRUCTIONS TO DELIVERING EMPLOYEE

- ☐ Show to whom and date delivered ☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee
(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO.	SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in)
CERTIFIED NO. #350928	
INSURED NO.	
DATE DELIVERED	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
SHOW WHERE DELIVERED (only if requested)	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Pubco Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 869, Albuquerque, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

350' FWL & 990' FNL Section 1-26N-6W

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

35 miles southeast of Bloomfield

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

350'

16. NO. OF ACRES IN LEASE

2563.40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

161.51

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3450' +

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6745' GL

22. APPROX. DATE WORK WILL START*

September 1, 1972

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	7-5/8"	24#	130' ±	100 sxs.
6-3/4"	3-1/2"	7.7#	3450' ±	350 sxs.

1. Drill 12" or 12-1/4" hole, set 7-5/8" (or larger) casing at 130'±, cement to surface with approx. 100 sxs. Class "A" with 2% Calcium Chloride. WOC 18 hrs., test casing to 1000 psi for 30".
2. Drill 6-3/4" hole to approx. 3450', run Gammaray-Density Log and Induction Electric Log.
3. Run approx. 3450' of 3-1/2", 7.7#, H-40 casing, cement with 250 sxs. of 65-35 poz. 10% Gel, plus 100 sxs. Class "C" neat.
4. Pressure test casing to 3500 psi, WOC 48⁺ hours.
5. Perforate pay sands, fracture with 30,000-50,000 gals. Sand-water frac as need is indicated.
6. Run 1-1/4" unloader tubing string; flow to clean up; potential test.
7. Pipe rams will be tested each tour; blind rams each trip.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Charles W. Sanders

TITLE

Area Production Manager

DATE

August 18, 1972

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

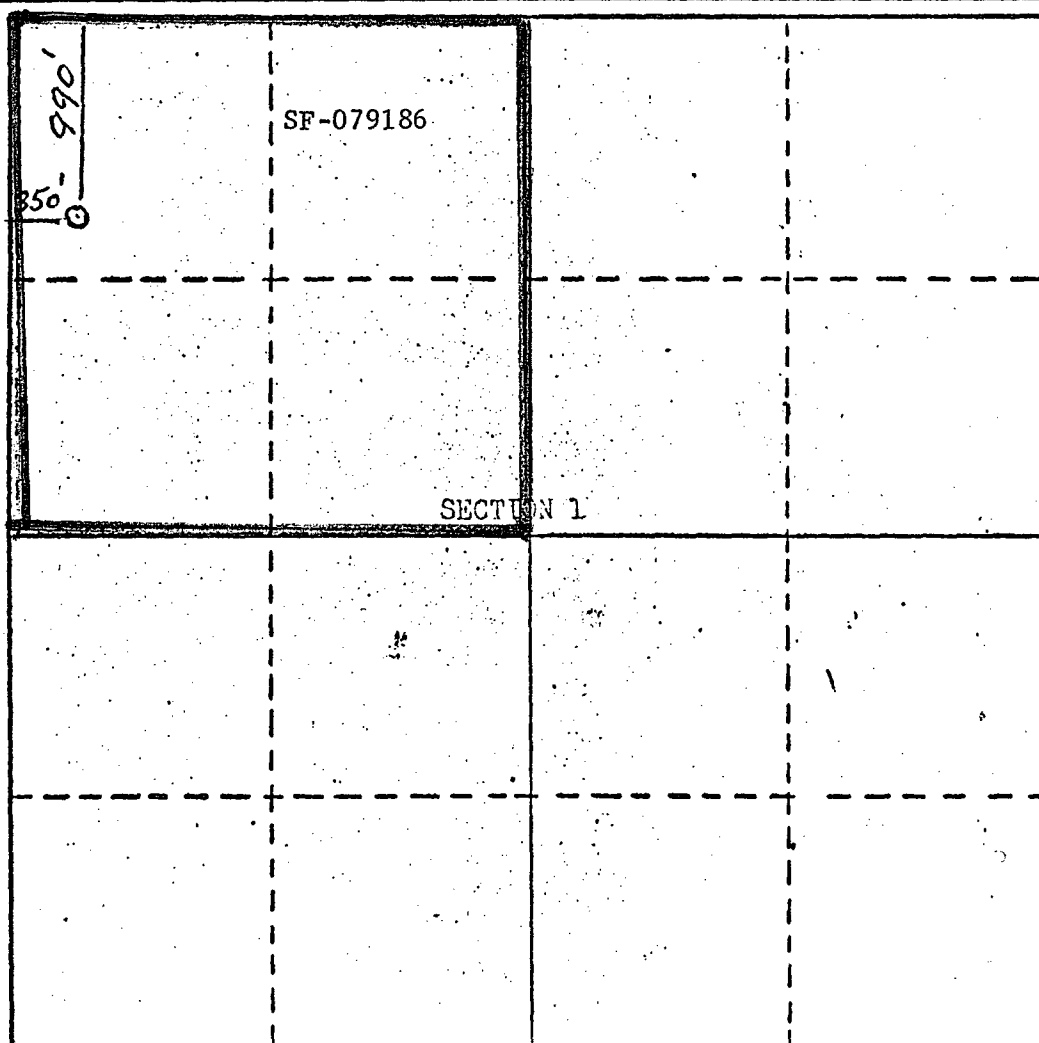
Operator PUBCO PETROLEUM CO.			Lease FEDERAL			Well No. 19		
Unit Letter D	Section 1	Township 26 N	Range 6 W	County RIO ARriba				
Actual Footage Location of Well: 990 feet from the north line and 350 feet from the west line								
Ground Level Elev. 6745	Producing Formation Pictured Cliff		Pool South Blanco			Dedicated Acreage NW (161.51) Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation NA

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) NA

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Charles W. Sanders
Name

Charles W. Sanders

Position

Area Production Manager

Company

Pubco Petroleum Corporation

Date

August 18, 1972

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

August 16, 1972

Registered Professional Engineer
and/or Land Surveyor

Stephen H. Kinney
Stephen H. Kinney

Certificate No.

N.M. 803

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 8-30-72

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL ✓

Proposed NFO _____

Proposed MC _____

Gentlemen:

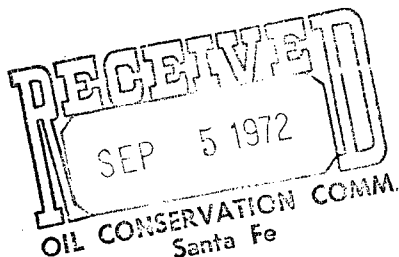
I have examined the application dated 8-18-72

for the Puhco Petroleum Corp Lease #19 D-1-26N-6W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

topography verified - approve

Yours very truly,



Emory C. Amos

PUBCO

POST OFFICE BOX 869 • ALBUQUERQUE, NEW MEXICO 87103 • TELEPHONE (505) 842-1940

September 7, 1972



Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Pubco Federal #19
Unorthodox Location

Gentlemen:

Attached is a signed waiver of objection for an unorthodox location from Caulkins Oil Company.

Very truly yours,

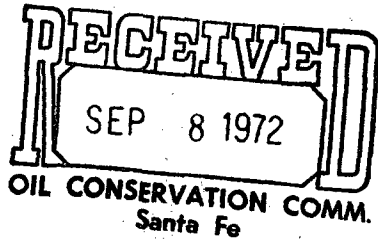
A handwritten signature in cursive script, appearing to read "Charles W. Sanders".

Charles W. Sanders
Area Production Manager

CWS:cm

CAULKINS OIL COMPANY

SUITE 2100 — 1600 BROADWAY
DENVER, COLORADO 80202



September 5, 1972

AREA CODE 303
623-8791

A handwritten signature or set of initials, possibly "JTB", in dark ink.

Mr. Charles W. Sanders
Area Production Manager
Pubco Petroleum Corporation
P. O. Box 869
Albuquerque, New Mexico 87103

Dear Mr. Sanders:

Enclosed herewith is our signed waiver of objection
to the following unorthodox location:

Pubco Petroleum Corporation
Federal #19
350' FWL & 990' FNL
Section 1, T-26N, R-6W
Rio Arriba County, New Mexico

Yours very truly,

CAULKINS OIL COMPANY

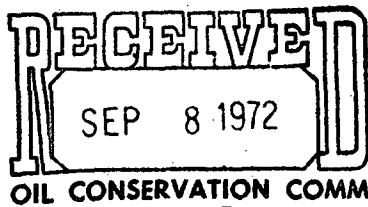
A handwritten signature in dark ink, appearing to read "Arnold E. Raether".
Arnold E. Raether

AER:ja

Enclosure

P.S. Please make note of our new address:

1600 Broadway, Suite 2100
Denver, Colorado 80202



POST OFFICE BOX 869 • ALBUQUERQUE, NEW MEXICO 87103 • TELEPHONE (505) 842-1940

PUBCO

August 18, 1972

Caulkins Oil Company
315 Majestic Building
209 16th Street
Denver, Colorado 80202

Gentlemen:

Pubco Petroleum Corporation respectfully requests your waiver of objection to the following unorthodox location:

Pubco Petroleum Corporation
Federal #19
350' FWL & 990' FNL
Section 1, T-26N, R-6W
Rio Arriba County, New Mexico

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A copy of the "Application to Drill" this Pictured Cliff well is also attached. Please call if you require additional information about the proposed well.

Very truly yours,

Charles W. Sanders
Area Production Manager

CWS:cm

We hereby waive objection to the above unorthodox location.

BY: George P. Caulkins, Jr., President

COMPANY:
Caulkins Oil Company