



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U  
Artesia, New Mexico 88210

July 23, 1980

Petroleum Exploration Co., Inc.  
P. O. Box 862  
Roswell, New Mexico 88201

Gentlemen:

PETROLEUM EXPLORATION CO., INC.	
Siete Fed No. 1	
1980 FSL 660 FEL	Sec. 17 T.8S R.31E
Chaves County	Lease No. NM-067707

Above Data Required on Well Sign
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Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 3,850 feet to test the San Andres formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. All access roads will be limited to a 12 foot wide driving surface, excluding turnarounds. Surface disturbance associated with road construction will be limited to 20 feet in width.
4. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
5. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
6. Notify the Survey by telephone 24 hours prior to spudding well.
7. Cement behind the 8-5/8" casing must be circulated.
8. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

George H. Stewart  
Acting District Engineer

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CONSERVATION DIV.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-20756

5. LEASE DESIGNATION AND SERIAL NO.

NM 067707

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Siete-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Siete

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA  
Sec. 17, T-8-S, R-31-E

N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Chaves

N.M.

## 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

Petroleum Exploration Company, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 862 Roswell, New Mexico 88201

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

1980' FSL and 660' FEL

At proposed prod. zone

Same

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

15 3/4 miles south of Kenna, New Mexico

15. DISTANCE FROM PROPOSED\*

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

660'

16. NO. OF ACRES IN LEASE

560

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

3850'

20. ROTARY OR CABLE TOOLS

Rotary

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

4211 GR.

22. APPROX. DATE WORK WILL START\*

As soon as possible

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	20#	370'	150 sx. Class "C"
7 7/8"	4 1/2"	9.5#	3850'	350 sx. 50-50 Poz "C"

Selectively perforate and treat pay zone

Attachments:

Survey Plat (C-102)  
Supplemental Drilling Data  
Surface Use Plan

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

*Nepaid E. Harrington*

TITLE

Agent

DATE

July 17, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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WILSON CONSERVATION DIV.

# NEW MEXICO OIL CONSERVATION ACT WELL LOCATION AND ACREAGE DEDICATION PLAT

Superseded C-128  
Effective 1-1-65

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

Operator <b>Petroleum Exploration Company, Inc.</b>		Lease <b>Siete-Federal</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>17</b>	Township <b>8-S</b>	Range <b>31-E</b>	County <b>Chaves</b>

Actual Postage Location of Well:

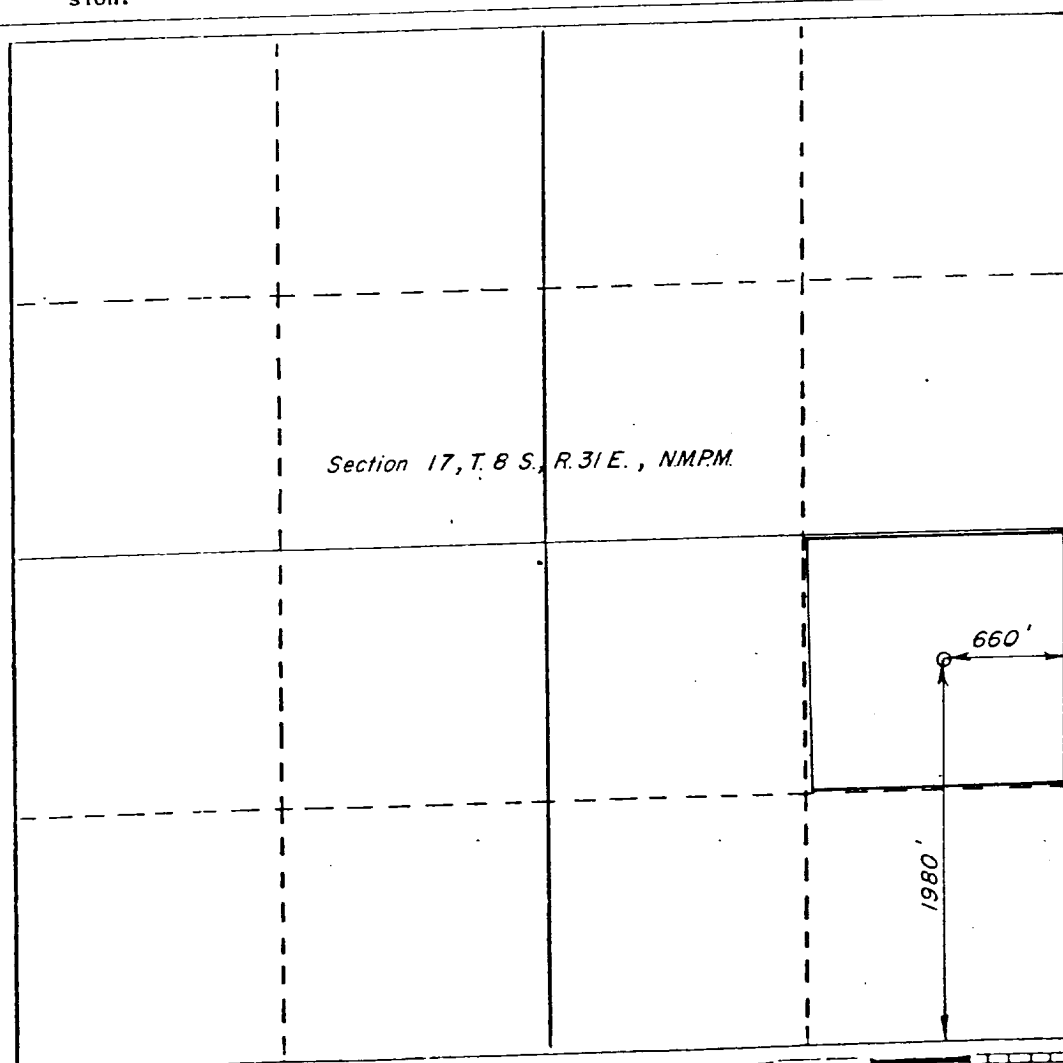
<b>660</b> feet from the <b>East</b> line and <b>1980</b> feet from the <b>South</b> line	Dedicated Acreage: <b>40</b> Acres
Ground Level Elev. <b>4211</b>	Producing Formation <b>San Andres</b>
Pool <b>Siete</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 \_\_\_\_\_

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

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.

*Gerald E. Harrington*  
Name

Gerald E. Harrington

Position

Agent

Company

Petroleum Exploration Co.

Date

July 17, 1980

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.

*John D. Jacques*  
Date Surveyed  
John D. Jacques, P.E. & L.S.

Registered Professional Engineer and/or Land Surveyor

6290

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OIL CONSERVATION DIV.

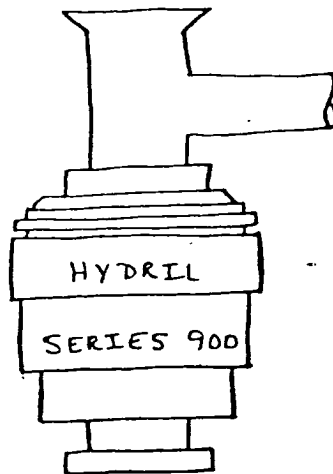


Collier Drilling Corp.

PHONES (505) 746-3596 (505) 746- 6520  
BOX 271 - ARTESIA NEW MEXICO 88210

BLOWOUT PREVENTER

REGAN  
HYDRIL TYPE  
SERIES 900  
6000# TEST



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WILDERNESS DIV.