

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

## 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

Sun Exploration and Production Company

## 3. ADDRESS OF OPERATOR

2525 NW Expressway, Oklahoma City, Oklahoma 73112

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

At surface  
1000' FSL & 1115 FEL (SE SE)At proposed prod. zone  
Same

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

4 miles north of Farmington, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1,000'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

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

5923' GL

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" new	24# K-55 STC	350'	250 sx Class "A" plus additives
7-7/8"	4-1/2" new	10.5# K55 STC	6900'	425 + 1300 sx plus additives

1. Drill 12-1/4" hole and set 8-5/8" surface casing to 350' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7-7/8" hole to 6900'.
3. Run tests if warranted and run 4-1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

## EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" The Ten-Point Compliance Program
- "C" The Blowout Preventer Diagram
- "D" The Multi-Point Requirements for A.P.D.
- "E" Access Road Map to Location
- "F" Radius Map of Field
- "G" Drill Pad Layout and Cut-Fill Cross Section
- "H" Drill Rig Layout
- "I" Production Facilities
- "K" Fracturing Program Layout
- "L" Archaeological Report for #5E

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.

SIGNED [Signature] TITLE District Drilling Manager DATE 1/5/82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Gas is dedicated  
Need NWU for original + infill wells  
an2

NMCCOC

## 5. LEASE DESIGNATION AND SERIAL NO.

047 NM

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

## 7. UNIT AGREEMENT NAME

NA

## 8. FARM OR LEASE NAME

New Mexico Federal "N"

## 9. WELL NO.

5-F

## 10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 7-T30N-R12W

## 12. COUNTY OR PARISH

San Juan

## 13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

755.42 S 315.42

## 20. ROTARY OR CABLE TOOLS

Rotary

## 22. APPROX. DATE WORK WILL START\*

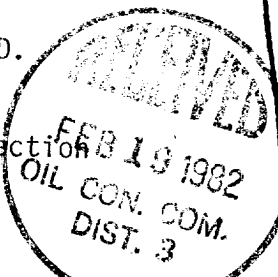
February 1, 1982

Cover of Alamos with Cement.

APPROVED  
AMENDED

FEB 16 1982

[Signature]



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

Form 1-1-77  
Supersedes 1-1-76  
Effective 1-1-77

All distances must be from the outer boundaries of the Section

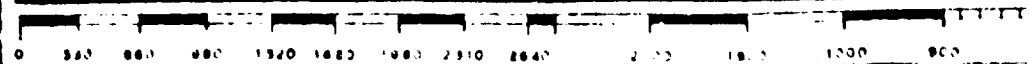
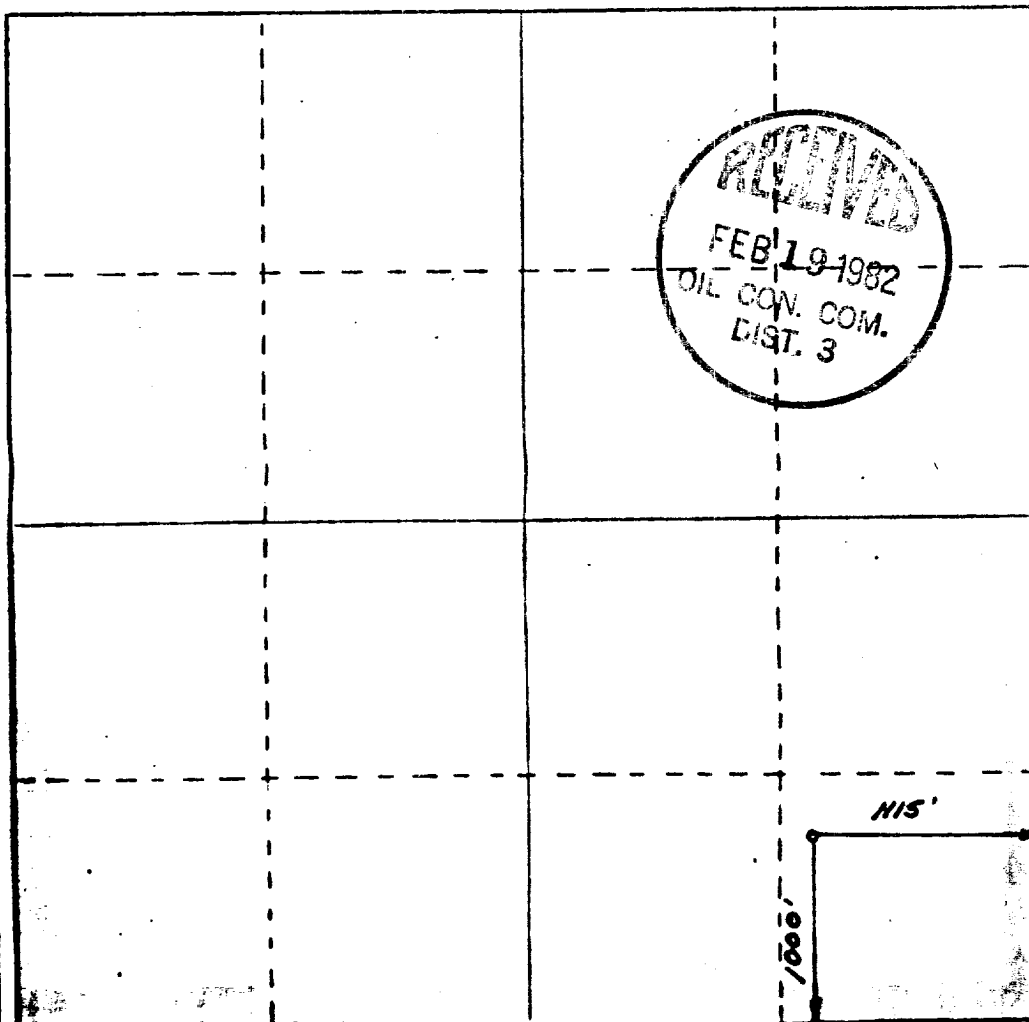
Operator <b>SUN EXPLORATION &amp; PROD. CO.</b>		Lease <b>USA 047 NM</b>		Well <b>5-N</b>
Unit Letter <b>P</b>	Section <b>7</b>	Township <b>30 North</b>	Range <b>12 West</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>1000' SOUTH</span> <span>1115 EAST</span> </div>				
Ground Level Elev. <b>5928'</b>	Producing Formation <b>BASIN DAKOTA</b>	Pool <b>BASIN DAKOTA</b>	Surface Area <b>5315.42</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.



<b>DEDICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name _____	<i>W. Owens</i>
Position _____	<i>Owens</i>
Company _____	<i>Exploration Super</i>
Date _____	<i>1-2-82</i>
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 Survey _____	<i>1-2-82</i>
<div style="text-align: center;"> </div>	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

EXPLORATION AND PRODUCTION COMPANY

EXPRESSWAY: OKLAHOMA CITY, OKLAHOMA-73112

WELL (Report location clearly and in accordance with any State requirements.)\*

1000' FSL &amp; 1115 FEL (SE SE)

and zone

NAME

DIRECTIONS AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

NORTH OF FARMINGTON, NEW MEXICO

PROPOSED\*

TEST

CASE LINE, FT.

drilling unit line, if any

PROPOSED LOCATION\*

drilling completed

ON THIS LEASE, FT.

whether DF, RT, GR, etc.)

FL

5. LEASE DESIGNATION AND SERIAL NO.

047 NM

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

NEW MEXICO FEDERAL "N"

9. WELL NO.

5-F \*

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

P SEC. 7-T30N-R12W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

16. NO. OF ACRES IN LEASE

1898

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

155.42 5315.42

19. PROPOSED DEPTH

6900

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START\*

FEBRUARY 1, 1982

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8" NEW	24# K-55 STC	350'	250 sx CLASS "A" PLUS ADDITIVES
4-1/2" NEW	10.5# K55 STC	6900'	425 + 1300 sx PLUS ADDITIVES

original NTL-6 package

ation to Drill acreage from 155.42 Acres to 315.42 Acres.

1. IF PROPOSAL IS TO DRILL OR DEEPEN DIRECTIONALLY, GIVE PERTINENT DATA ON SUBSURFACE LOCATIONS AND MEASURED AND TRUE VERTICAL DEPTHS. GIVE BLOWOUT  
2. IF PROPOSAL IS TO DRILL OR DEEPEN DIRECTIONALLY, GIVE PERTINENT DATA ON SUBSURFACE LOCATIONS AND MEASURED AND TRUE VERTICAL DEPTHS. GIVE BLOWOUT  
3. IF PROPOSAL IS TO DRILL OR DEEPEN DIRECTIONALLY, GIVE PERTINENT DATA ON SUBSURFACE LOCATIONS AND MEASURED AND TRUE VERTICAL DEPTHS. GIVE BLOWOUTAPPROVED BY Lee R. Brown TITLE STAFF ASSOCIATE I DATE 1/29/82

\*For space for Federal or State office use

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY

\*See Instructions On Reverse Side

NMOCC

