

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 & Production Company

3. ADDRESS OF OPERATOR

P.O. Box 5940 T.A., Denver, CO 80217

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

At surface:

NWSN-1450 FSL & 1072' FWL

At proposed prod. zone

1141  
795

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

6 miles SE of Blanco, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1072' FWL

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

200'

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

6450 6331 GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |                             |
|--------------|----------------|-----------------|---------------|-----------------------------|
| 12-1/4"      | 9-5/8"         | 36#             | 250'          | 150 sx Class B              |
| 8-3/4"       | 7"             | 20#             | 3400'         | 475 sx Howco Lite & Class B |
| 6-1/4"       | 4-1/2"         | 10.5#           | 7750'         | 300 sx Howco Lite & Class B |

5. LEASE DESIGNATION AND SERIAL NO.

SE-  
078487-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

St. John Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin (Dakota)

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

Sec. 5 T29N R8W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

March 1, 1985

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

Primary Objective - Dakota

Please see the attached APD for further details

APPROVED  
AS AMENDED

APR 05 1985

M. MILLENBACH  
AREA MANAGER

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

TITLE Dist. Env. Coord.

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

NMOCC

\*See Instructions On Reverse Side

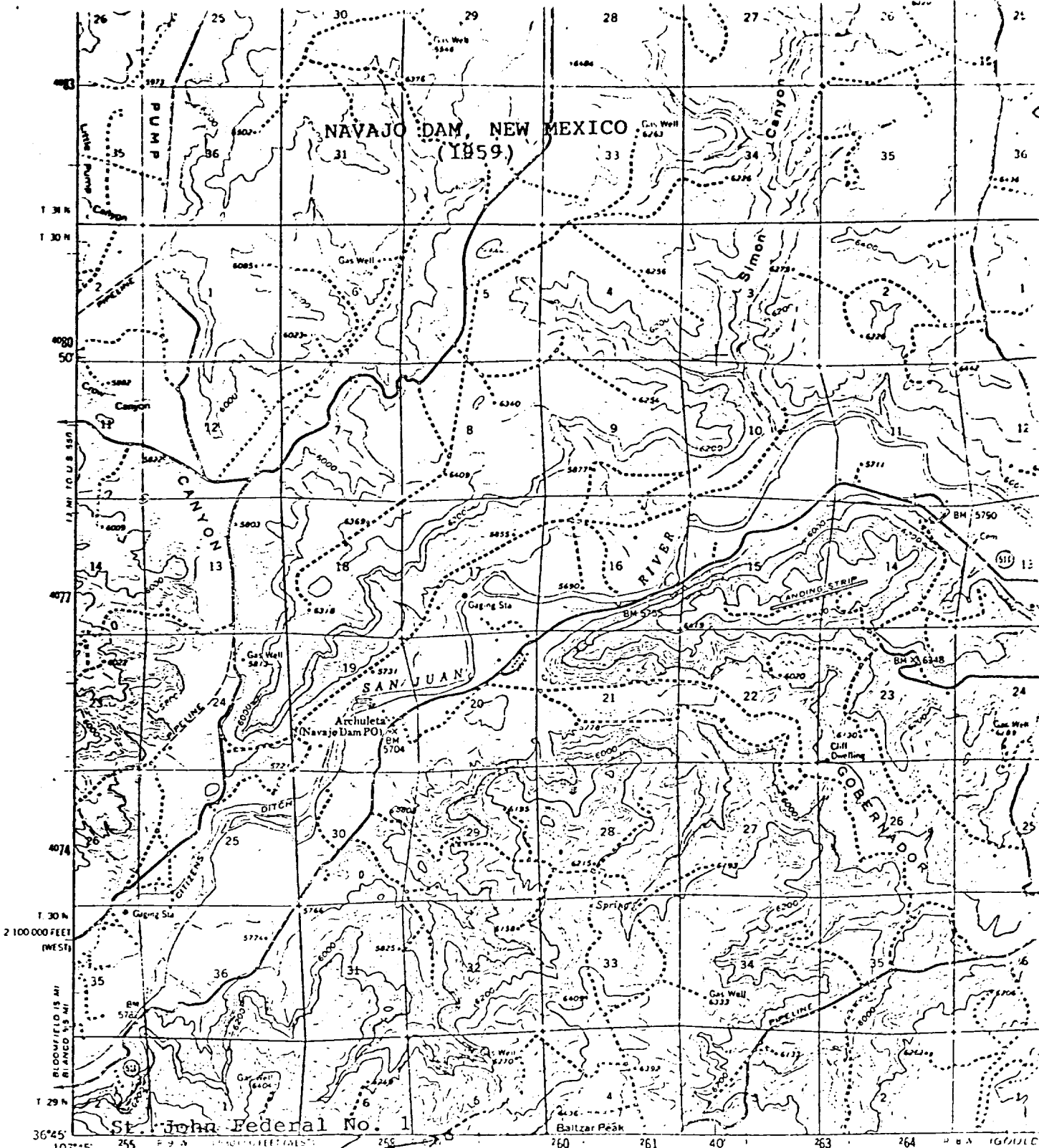
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
FEB 19 1985  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA  
APR 15 1985  
FED. CON. DIV.  
DIST. 3

APPROVED  
AS AMENDED  
FEB 27 1985  
DATE  
AREA MANAGER  
FARMINGTON RESOURCE AREA

Form C-107  
Revised 10-1-78

**NMOCC**



Mapped, edited, and published by the Geological Survey

Control by USGS and USC & GS

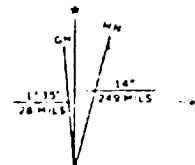
East half compiled in 1959 from 1:24,000 scale maps dated 1954. West half topography by photogrammetric methods from aerial photographs taken 1955. Field checked 1959.

Polyconic projection. 1927 North American datum. 10,000 foot grid based on New Mexico coordinate system, west and central zones.

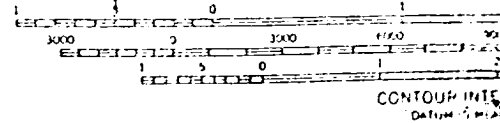
1000 meter Universal Transverse Mercator grid ticks, zone 13, shown in blue.

Blue hatching indicates area to be submerged by Navajo Reservoir at elevation 5990 feet.

Area covered by dashed light blue pattern is subject to controlled inundation to 6100 feet.



UTM GRID AND 1959 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



[2]

THIS MAP COMPLIES WITH NATIONAL MAP ACT FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER. A FOLDER DESCRIBING TOPOGRAPHIC MAPS.