

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

Siete Oil and Gas Corporation ✓

3. ADDRESS OF OPERATOR

P.O. Box 2523, Roswell, NM 88202-2523

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

At surface 380' FNL & 990' FWL, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Unit Letter D

At proposed prod. zone same

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

22 mi. Southeast of Artesia

10. DISTANCE FROM PROPOSED\*

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

990'

18. DISTANCE FROM PROPOSED LOCATION\*

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

1000'

16. NO. OF ACRES IN LEASE

720

19. PROPOSED DEPTH

5500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3231' GR

22. APPROX. DATE WORK WILL START\*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 $\frac{1}{2}$ "	13 3/8"	48#	300'	330 sxs circ
12 $\frac{1}{4}$ "	8 5/8"	24# & 32#	2900'	1500 sxs circ
7 7/8"	5 $\frac{1}{2}$ "	17# & 15.5#	5500'	400 sxs; SEE STIPS.

Selectively perforate and treat zones.

Attachments:

C-102

Supplemental Drilling Data  
Surface Use Plan

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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

Cathy Bailey-Seely

TITLE

Drilling Technician

DATE

3/27/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

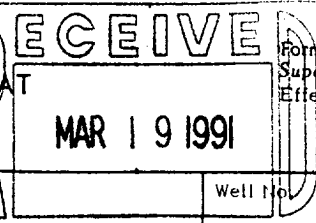
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

1. 1000-1000

1. 1000-1000  
1. 1000-1000  
1. 1000-1000

**MEXICO OIL CONSERVATION COMMISS.**  
**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.

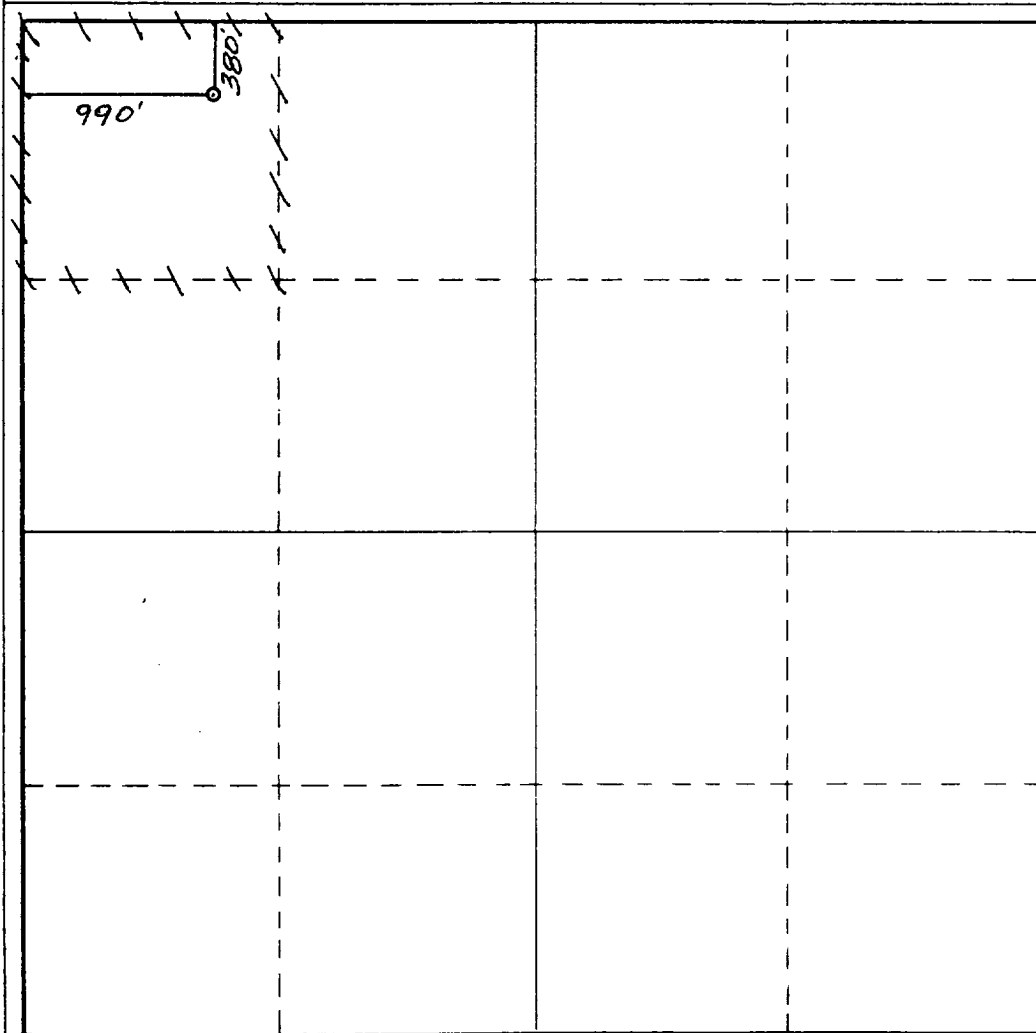
Operator <b>SIETE OIL &amp; GAS CORPORATION</b>			Lease <b>INDIGO FEDERAL</b>		Well No. <b>4</b>
Unit Letter <b>D</b>	Section <b>24</b>	Township <b>20 South</b>	Range <b>28 East</b>	County <b>Eddy County, N.M.</b>	
Actual Footage Location of Well: <b>380</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3231.</b>	Producing Formation <b>Delaware</b>		Pool <b>Undesignated</b>	Dedicated Acreage: <b>40</b> Acres	

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.

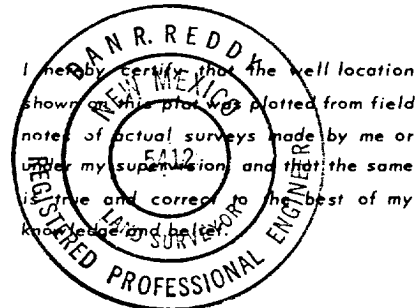
*Harold D. Justice* CB6  
 Name \_\_\_\_\_

**Harold D. Justice**

Position  
**V.P. Drilling/Production**

Company  
**Siete Oil & Gas Corp.**

Date  
**March 27, 1991**



Date Surveyed  
**March 15, 1991**

Registered Professional Engineer  
 and/or Land Surveyor

*Dan R. Reddy*  
 Certificate No. \_\_\_\_\_

**NM PE&PS NO. 5412**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

SURFACE USE PLAN  
FOR  
DRILLING, COMPLETING AND PRODUCING

SIETE OIL AND GAS CORPORATION  
Indigo Federal No. 4  
380' FNL & 990' FWL  
Section 24: T20S, R28E  
Eddy County, New Mexico  
Lease Number: NM-050797

LOCATED: 22 miles Southeast of Artesia, New Mexico

FEDERAL LEASE NUMBER: NM-050797

LEASE ISSUED: January 1, 1940

RECORD LESSEE: Collier Petroleum

BOND COVERAGE: \$25,000 Bond of Siete Oil and Gas Operator

ACRES IN LEASE: 720

SURFACE OWNERSHIP: Federal

POOL: Undesignated Delaware

EXHIBITS:

- A. Area Road Map
- B. Topographic Map Showing Access Route
- C. Lease Map Showing Well Tests
- D. Sketch of Well Pad

ROAD LOG TO PROPOSED DRILLSITE

Starting point is at the intersection of US Highway 206 and US Highway 82 East of Artesia, NM:

- 0.00      Proceed South on County Road 206 8.5 miles.
- 8.50      Turn East on County Road 237 and proceed 2.4 miles to County Road 238.
- 11.90      Continue East on County Road 238 and go 3.2 miles to the Indigo Federal #1.
- 15.10      Go .20 mile East past the Indigo Federal #1.
- 15.30      Turn back South-Southwest and go .65 miles (you will pass the Indigo Federal #3).
- 15.95      Location.

## THIRTEEN POINT PROGRAM

### 1. EXISTING ROADS:

- A. Existing roads, which lead to the proposed drillsite, are shown on Exhibits "A" & "B".

### 2. PROPOSED NEW ROAD:

- A. The road leading South off County Road 238 to the Indigo Federal #3 will be upgraded. The new access road will be approx. 14' wide and approx. 1100' long. It will enter the proposed location from the Northeast corner. The new access road is shown on Exhibit "B".

B. Surfacing Materials: Caliche

C. Maximum Grade: Less than 1%

D. Turnouts: None required

E. Drainage Design: None required

F. Culverts: None required

G. Cuts and Fills: Less than 3'

H. Gates and Cattleguards: None

### 3. LOCATION OF EXISTING WELLS:

- A. Existing wells are shown on Exhibit "C".

### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. If well is productive, we will lay approx. 2300' of 2" polyurethane flowline from the proposed location to the Indigo Federal #1 tank battery (NW $\frac{1}{4}$ SW $\frac{1}{4}$ ).

### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. A water supply well is not planned. Water will be purchased and hauled to the well site over existing roads.

### 6. SOURCE OF CONSTRUCTION MATERIALS:

- A. Construction materials will be obtained from a federal pit located in Sec. 17, T20S, R29E (SE $\frac{1}{4}$ SW $\frac{1}{4}$ ).

### 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the drilling pits.

- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits.
- D. Oil or condensate produced during tests, will be put into frac tanks.
- E. Trash, waste paper, garbage and junk will be buried in a trash pit and covered with a minimum of 24" of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit "D".

8. ANCILLARY FACILITIES:

- A. If needed, an electric line will be ran to an existing electrical line located 150' due North from proposed location.

9. WELLSITE LAYOUT:

- A. The drill site has been surveyed, staked and flagged.
- B. The dimensions and relative location of the drill pad, mud pits and the trash pits with respect to the wellbore are shown on Exhibit "D".
- C. The wellsite is nearly level and will not require any cut or fill. The drill pad will be surfaced with caliche.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other materials not needed for operations will be removed. Pits will be filled and the location cleansed of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment, all equipment, trash and junk will be removed and the location cleaned. Any special rehabilitation and/or special revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible.

11. OTHER INFORMATION:

- A. Topography: The surface is relatively flat, drainage to the Southwest.
- B. Soil: Chalky, white gypsum soil.

- C. Flora and Fauna: Vicinity surrounding the drillsite is semi-arid desert rangeland. Vegetation is thinly scattered with desert shrubs interspersed with a small amount of native grasses. No wildlife was observed, rodents, coyotes, dove or quail.
- D. Ponds and Streams: None in the area.
- E. Residences and other structures: None in the immediate area.
- F. Archaeological, Historical and Other Cultural Sites: None were observed in this area. The pad area was archaeologized on March 11, 1991.
- G. Land Use: Grazing and occasional hunting.

12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:

Harold D. Justice  
Petroleum Building, Suite 200  
200 West First  
Roswell, New Mexico 88202  
Office: 622-2202  
Home: 625-0072

13. CERTIFICATION:

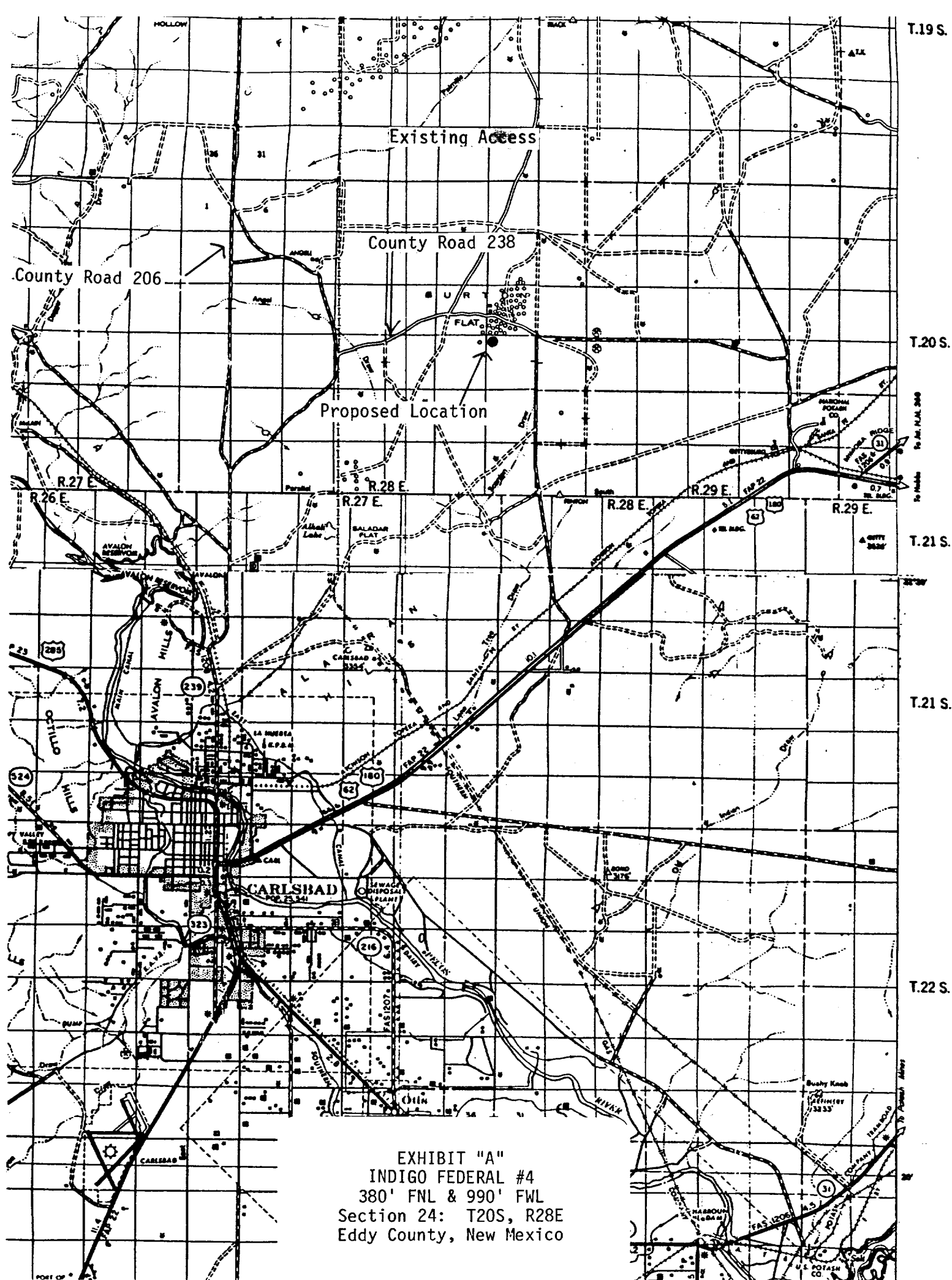
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and that the work associated with operations proposed herein will be performed by SIETE OIL AND GAS CORPORATION and its subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

SIETE OIL AND GAS CORPORATION

Date: 3/27/91

BY: Harold D. Justice <sup>CS</sup>  
Harold D. Justice  
V.P. Drilling & Production







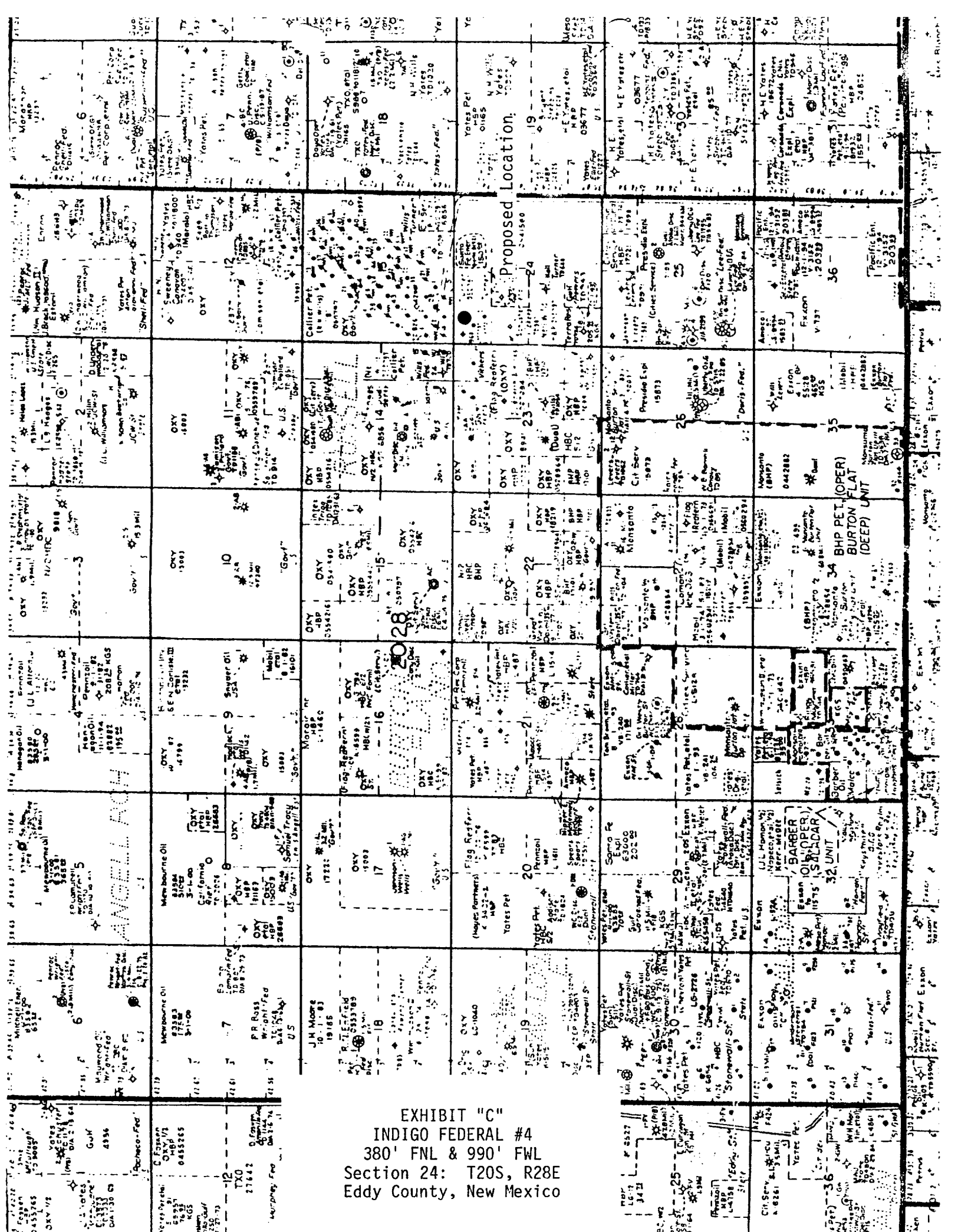


EXHIBIT "C"  
INDIGO FEDERAL #4  
380' FNL & 990' FWL  
Section 24: T20S, R28E  
Eddy County, New Mexico

