

OIL CONSERVATION DIVISION  
RECEIVED

September 12, 1990

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Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: Application for an Unorthodox Location

Mitchell Energy Corporation

Rosa Unit #347

2095' FNL & 2150' FEL

Sec. 19-T31N-R4W

Basin Fruitland Coal Gas Pool

Rio Arriba County, New Mexico



Gentlemen:

Mitchell Energy Corporation respectfully submits for your approval an Application for Unorthodox Location for the Rosa Unit #347 well to be located 2095' FNL & 2150' FEL of Section 19-T31N-R4W, Basin Fruitland Coal Pool, Rio Arriba County, New Mexico.

The reason for the unorthodox location is due to topographical problems in the North half of this section. Also, at the request of the U.S. Forest Service, we plan to utilize a portion of an abandoned well location and access road so as to minimize the damage to the environment and wildlife habitat.

The attached Exhibits show the situation at the location and surrounding area.

All offset Operators and Lease Owners are being notified by certified mail at this mailing. The Return Receipt Cards will be provided when they are returned.

If further information is needed please feel free to contact me at (303) 292-4455.

Respectfully yours,

MITCHELL ENERGY CORPORATION

A handwritten signature in cursive script, appearing to read "James C. Anderson".

James C. Anderson  
District Production Manager

JCA/AL/jms  
Attch.

**EXHIBITS FOR APPLICATION TO UNORTHODOX LOCATION**

**Mitchell Energy Corporation  
Rosa Unit #347  
2095' FNL & 2150' FEL  
Sec. 19-T31N-R4W  
Basin Fruitland Coal Gas Pool  
Rio Arriba County, New Mexico**

The following Exhibits are enclosed:

- EXHIBIT A: Form C-102, Well Location and Acreage Dedication Plat
- EXHIBIT B: Enlarged copy of the Topographic Map showing the location
- EXHIBIT C: Ownership and Offset Well Location Plat showing the Ownership and location of all offset wells.
- EXHIBIT D: Location Window Plat showing the Windows for standard locations as provided by Order R-8768 with the Rosa Unit No. 347 spotted in its approximate location.
- EXHIBIT E: Copy of the Application for Permit to Drill
- EXHIBIT F: List of names and addresses of offset Owners and other interested parties.

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

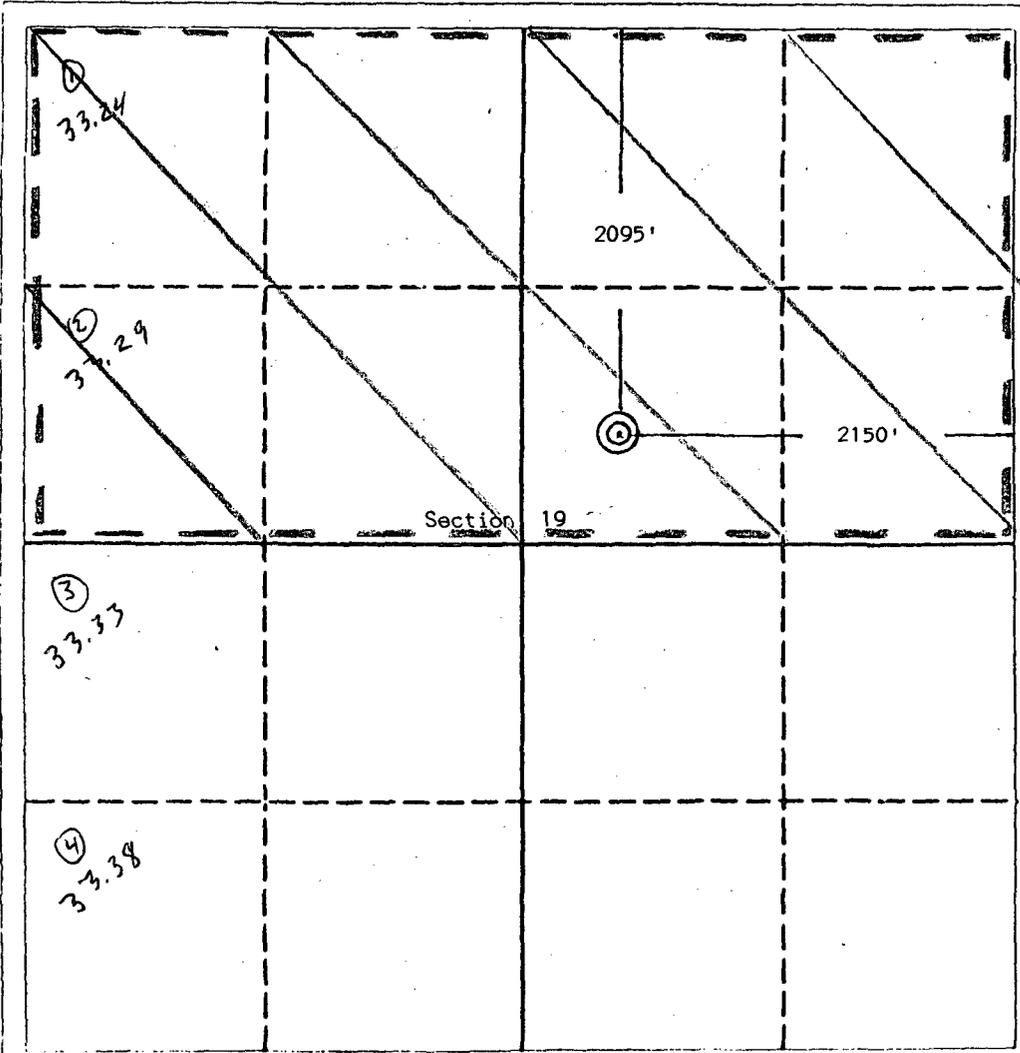
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator Mitchell Energy Corporation			Lease Rosa Unit			Well No. 347		
Unit Letter G	Section 19	Township 31 North	Range 4 West	County Rio Arriba		NMPM		
Actual Footage Location of Well: 2095 feet from the North line and 2150 feet from the East line								
Ground level Elev. 6631	Producing Formation			Pool			Dedicated Acreage: Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

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

Signature \_\_\_\_\_

Printed Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

**SURVEYOR CERTIFICATION**

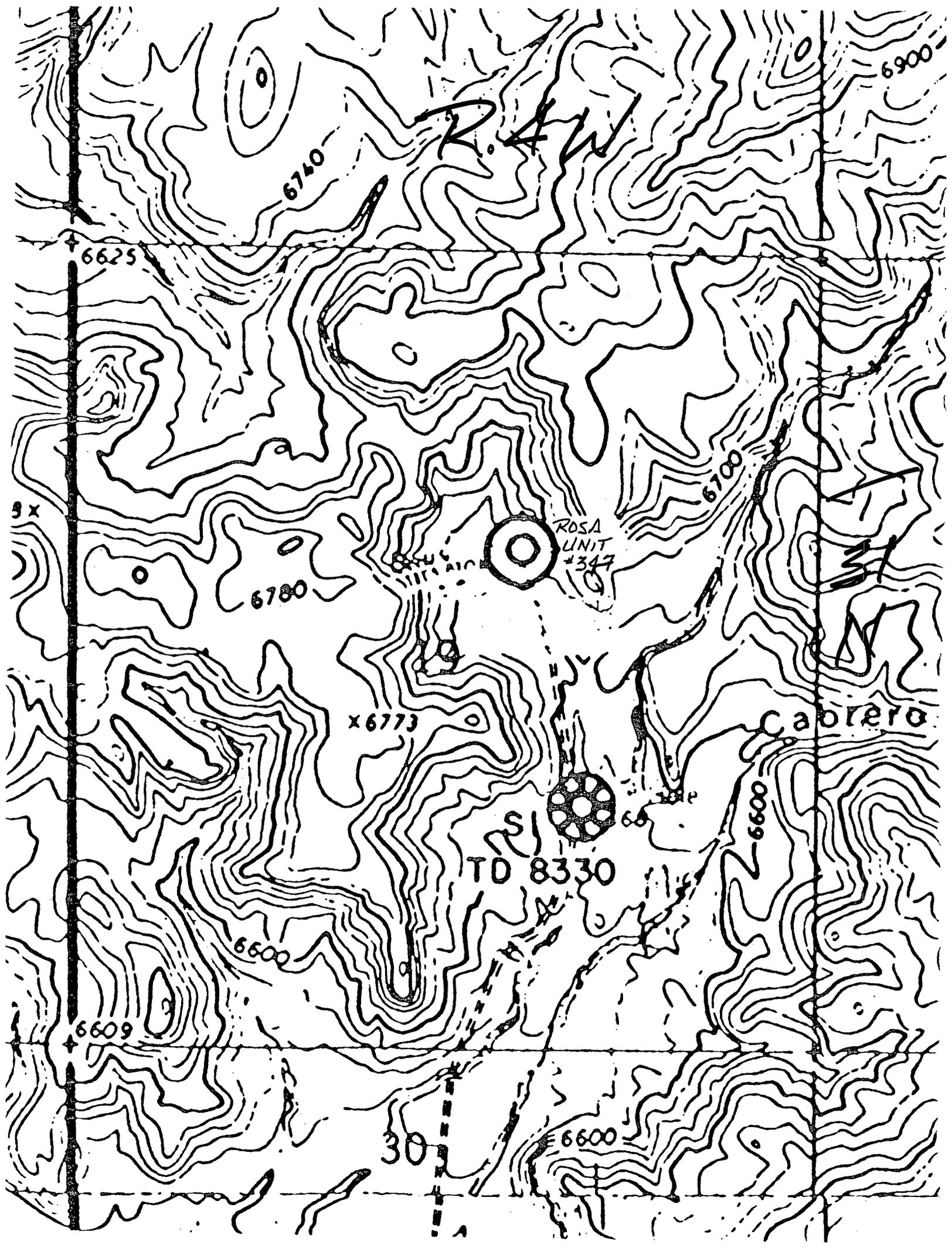
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed June 29, 1990

Signature & Seal of Professional Surveyor  

 \_\_\_\_\_  
 Edgar L. Risenhoover





6900

6740

RAW

6625

6780

ROSA  
UNIT  
#347

6700

x6773

Cabrera

TD 8330

6600

6600

6609

30

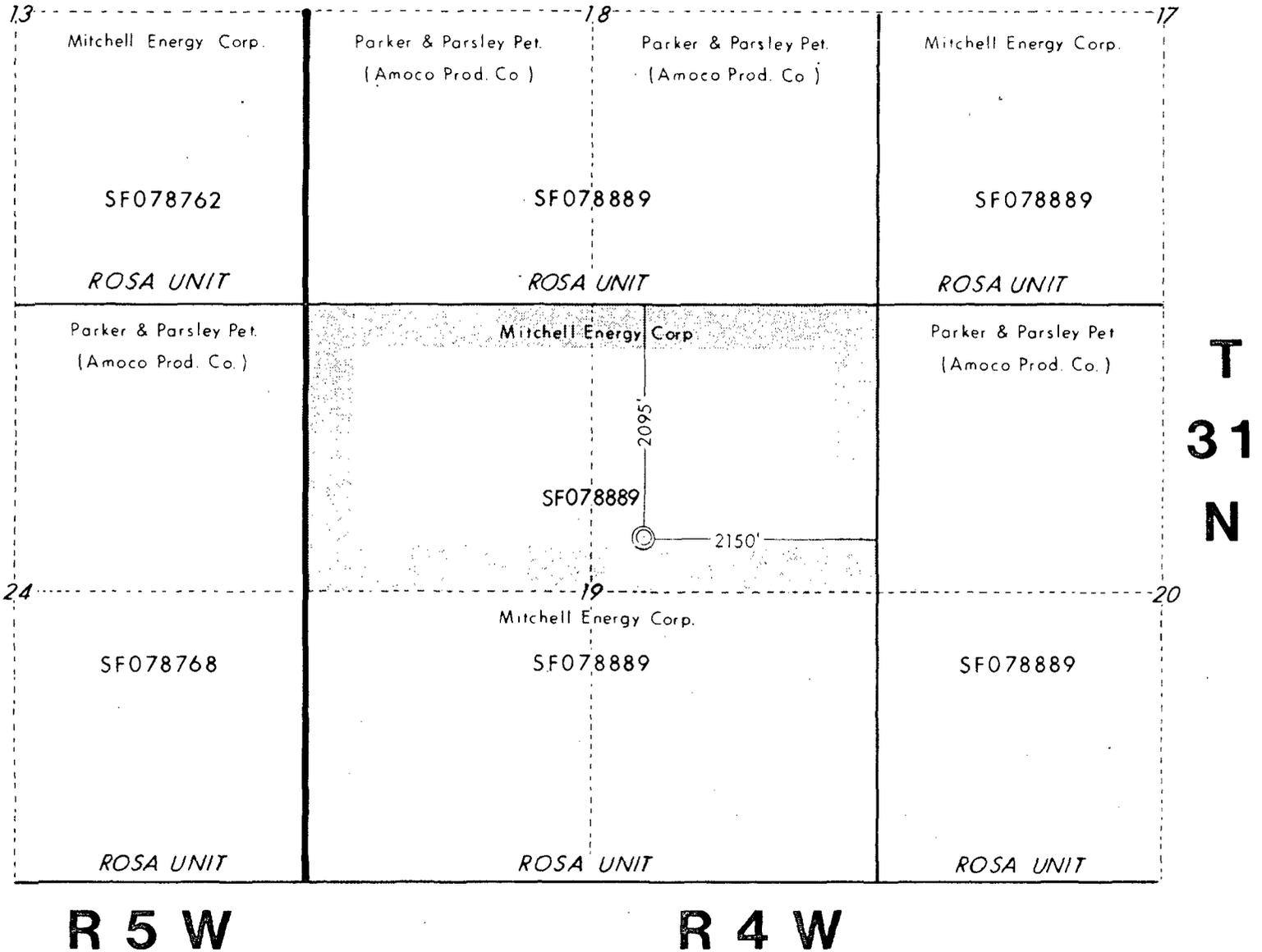
6600

# UNORTHODOX LOCATION FOR ROSA UNIT

## #347

2095'FNL 2150'FEL Sec.19 T31N R4W

Basin Fruitland Gas Pool



**MITCHELL ENERGY CORPORATION**

555 17th STREET, STE. 3500 • DENVER, COLORADO 80202



**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  
 MITCHELL ENERGY CORPORATION

3. ADDRESS OF OPERATOR  
 555 Seventeenth Street - Suite 3500  
 Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2095' FNL & 2150' FEL Sec. 19-T31N-R4W  
 At proposed prod. zone  
 SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 +  
 -61 miles northeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	2095'	16. NO. OF ACRES IN LEASE	2560 acres	17. NO. OF ACRES ASSIGNED TO THIS WELL	320 acres
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1728'	19. PROPOSED DEPTH	4000'	20. ROTARY OR CABLE TOOLS	rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*	
				6631' GR	
				9/15/90	

5. LEASE DESIGNATION AND SERIAL NO.  
 SF078889

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NA

7. UNIT AGREEMENT NAME  
 Rosa

8. FARM OR LEASE NAME  
 NA

9. WELL NO.  
 347

10. FIELD AND POOL, OR WILDCAT  
 Fruitland

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA  
 Sec. 19-T31N-R4W

12. COUNTY OR PARISH      13. STATE  
 Rio Arriba      NM.

23. 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"	24# K-55	500'	350 sxs - circ to surface
7-7/8"	5-1/2"	15.5# K-55	4000'	700 sxs - est TOC @ 350'

The operator proposes to drill to a depth sufficient to test the Fruitland Formation. If productive, 5-1/2" casing will be run and set at ±4000'. If non-productive, the well will be plugged and abandoned consistent with Federal Regulations. Any zones above the Fruitland may be tested for productivity prior to Abandonment.

**EXHIBITS ATTACHED**

- Ten Point Compliance Program
- Surface Use & Operating Plan
- Exhibit No. 1 Blowout Preventer Schematic
- Exhibit No. 2 Location Elevation Plat
- Exhibit No. 3 Planned Access Roads
- Exhibit No. 4 Planned Pipeline Map
- Exhibit No. 5 One Mile Radius Map
- Exhibit No. 6 Production Facilities Layout
- Exhibit No. 7 Drilling Rig Layout

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 James C. Anderson TITLE District Production Manager DATE 7/31/90  
 James C. Anderson

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

**NAMES AND ADDRESSES OF OFFSET OWNERS  
AND INTERESTED PARTIES**

**Application for Unorthodox Location  
Mitchell Energy Corporation  
Rosa Unit #347  
2095' FNL & 2150' FEL  
Sec. 19-T31N-R4W  
Basin Fruitland Coal Gas Pool  
Rio Arriba County, New Mexico**

U.S. Forest Service  
Jicarilla Ranger District  
Gobernador Route  
Blanco, New Mexico 87412

Bureau of Land Management  
1235 LaPlata Highway  
Farmington, New Mexico 87401

Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

Evergreen Operating Corporation  
1000 Writer Square  
1512 Larimer Street  
Denver, Colorado 80202

# EVERGREEN

EVERGREEN OPERATING CORP.  
1000 Writter Sq., 1512 Larimer St. Denver, CO 80202  
TEL 303 534-0400 FAX 303 534-0420



Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: Application for an Unorthodox Location

~~Mitchell Energy Corporation~~  
~~Rosa Unit #347~~

2095' FNL & 2150' FEL  
Sec. 19-T31N-R4W  
Basin Fruitland Coal Gas Pool  
Rio Arriba County, New Mexico

Gentlemen:

We, as Offset Operator, hereby waive objection to the Application to Unorthodox Location of Mitchell Energy Corporation's Rosa Unit No. 347 well to be located 2095' FNL & 2150' FEL, Section 19-T31N-R4W, Basin Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

Yours very truly,

EVERGREEN OPERATING COMPANY

By: DR Galta

Date: 9/21/90