

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 #342  
1950' FNL & 2090' FEL  
Sec. 11-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 #342 well to be located 1950' FNL & 2090' FEL of Section 11-T31N-R4W, Basin Fruitland Coal Pool, Rio Arriba County, New Mexico.

The reason for the unorthodox location is due to topographical problems and archeological problems in this section. A location was picked so as to minimize the impact of disturbance on any potential archeological sites as well as to minimize any damage to the environment and wildlife habitat.

The attached Exhibits show the situation at the location and the 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

James C. Anderson  
District Production Manager

JCA/AL/jms  
Attch.

EXHIBITS FOR APPLICATION TO UNORTHODOX LOCATION

**Mitchell Energy Corporation  
Rosa Unit #342  
1950' FNL & 2090' FEL  
Sec. 11-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. 342 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

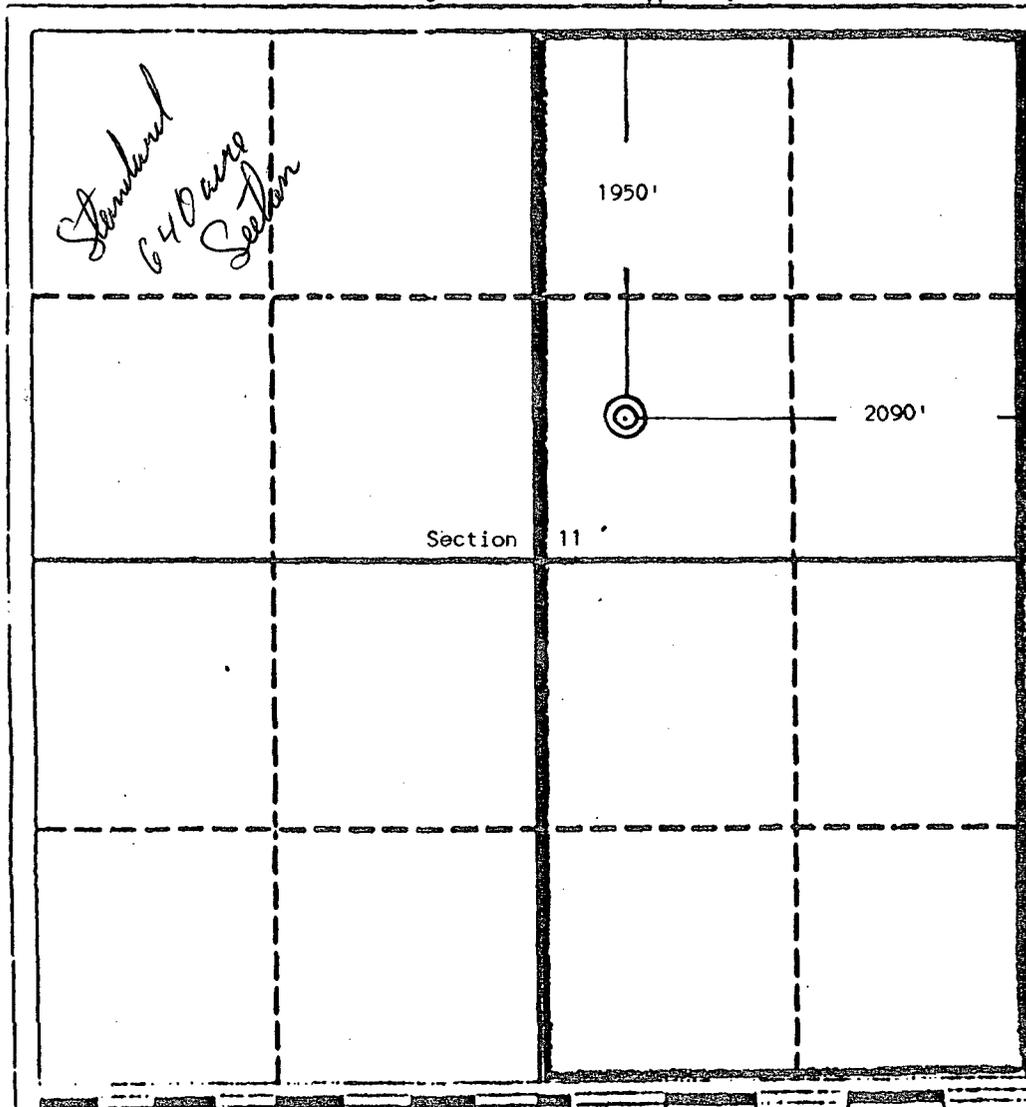
Operator Mitchell Energy Corporation			Lease Rosa Unit			Well No. 342		
Unit Letter G	Section 11	Township 31 North	Range 4 West	County Rio Arriba		NMPM		
Actual Footage Location of Well: 1950 feet from the North line and 2090 feet from the East line								
Ground level Elev. 6952		Producing Formation Fruitland			Pool		Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatch marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (such 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 communication, 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 communication, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, 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: *James C. Anderson*  
 Printed Name: James C. Anderson  
 Position: District Production Mgr.  
 Company: Mitchell Energy Corp.  
 Date: 7/31/90

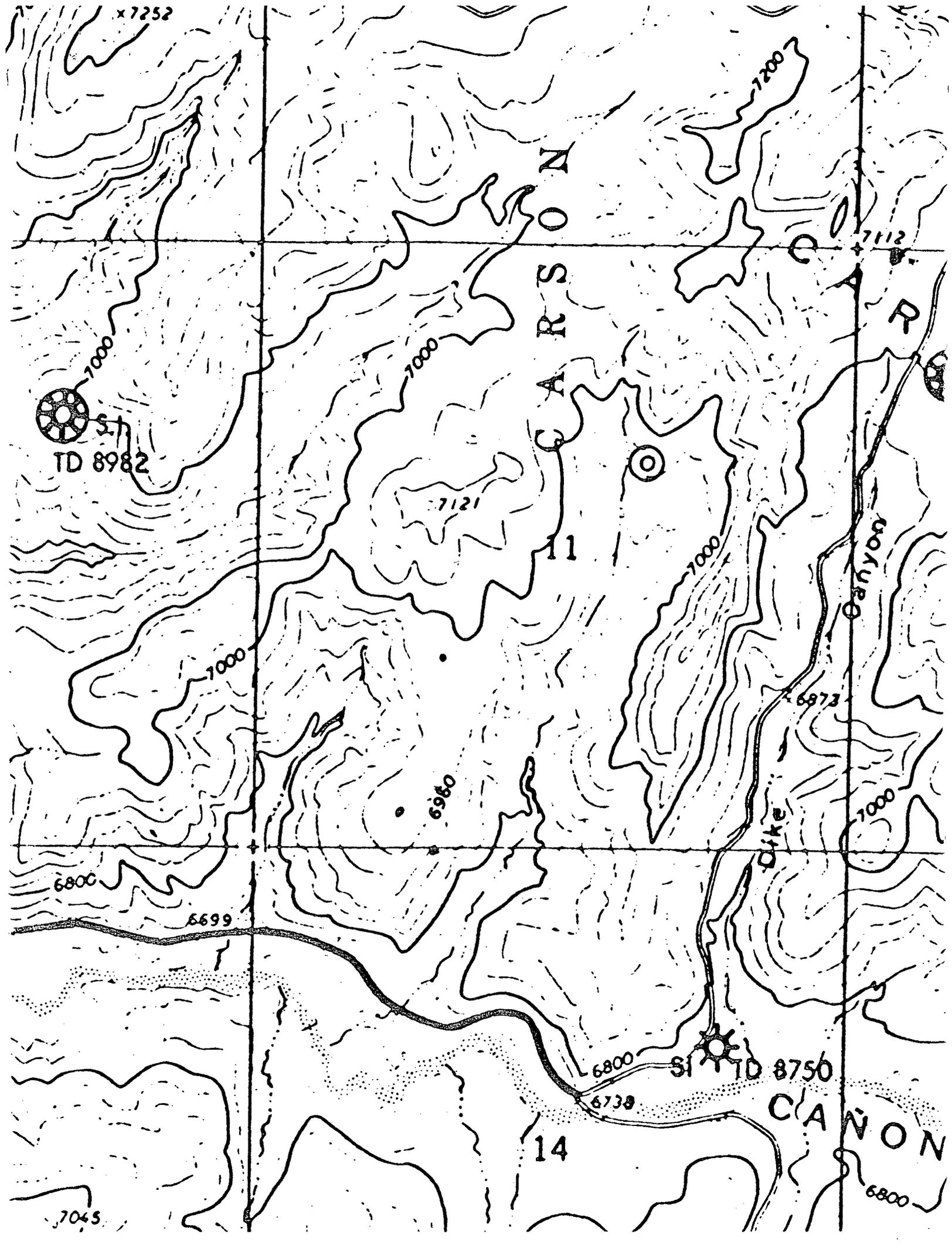
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**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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: July 10, 1990

Signature & Seal of Professional Surveyor:  
  
 Edgar L. Risenhoover



x7252

CARSON

CANYON

7112

TD 8982

7121

11

7000

6960

7000

6873

6800

6699

7000

Dike

Canyon

6800

6738

TD 8750

CANYON

14

6800

7045

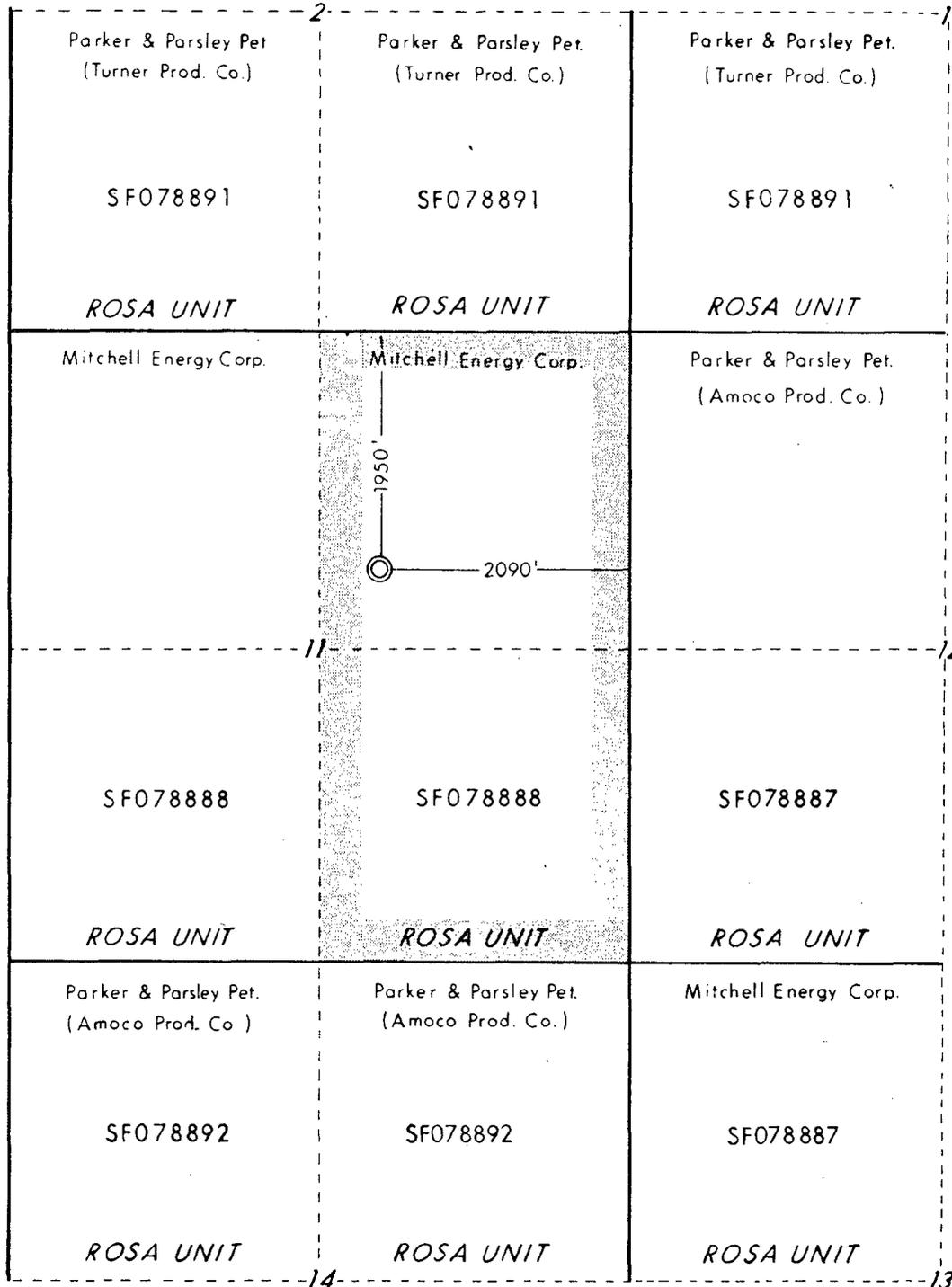
# UNORTHODOX LOCATION FOR ROSA UNIT

## #342

1950' FNL 2090' FEL Sec. 11 T31N R4W

Basin Fruitland Gas Pool

### R 4 W



T  
31  
N



## MITCHELL ENERGY CORPORATION

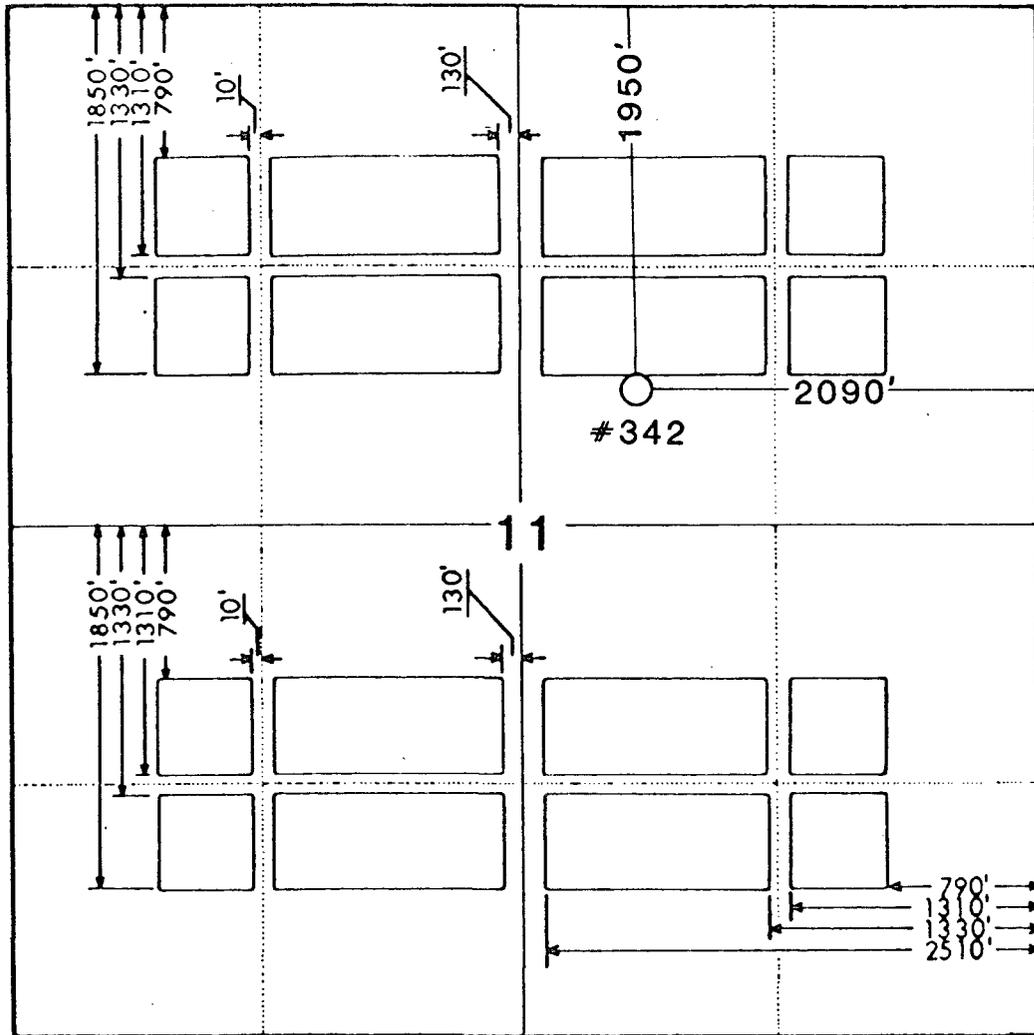
555 17th STREET, STE. 3500

DENVER, COLORADO 80202

# UNORTHODOX LOCATION FOR ROSA UNIT #342

1950' FNL 2090' FEL Sec.11 T31N R4W

Basin Fruitland Coal 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  
 1950' FNL & 2090' FEL Sec. 11-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 drlg. unit line, if any)**                      1950'

**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.**                      2308'

**19. PROPOSED DEPTH**                      4000'

**20. ROTARY OR CABLE TOOLS**                      rotary

**21. ELEVATIONS (Show whether DF, RT, GR, etc.)**                      6952' GR

**22. APPROX. DATE WORK WILL START\***                      9/15/90

**5. LEASE DESIGNATION AND SERIAL NO.**  
 SF078888

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME**  
 NA

**7. UNIT AGREEMENT NAME**  
 ROSA

**8. FARM OR LEASE NAME**  
 NA

**9. WELL NO.**  
 [342]

**10. FIELD AND POOL, OR WILDCAT**  
 Fruitland

**11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA**  
 Sec. 11-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 sx - 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 9/31/90  
 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  
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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

Turner Production Company  
852 One Energy Square  
4952 Greenville Avenue  
Dallas, Texas 75206

Parker & Parsley Petroleum Company  
600 West Illinois  
Suite 103  
Midland, Texas 79701

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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. 342 well to be located 1950' FNL & 2090' FEL, Section 11-T31N-R4W, Basin Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

Yours very truly,

PARKER & PARSLEY PETROLEUM COMPANY

By: 

Buddy J. Knight  
Division Operations Manager

Date: September 20, 1990

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

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Yours very truly,

TURNER PRODUCTION COMPANY

By: Fred E. Turner

Date: 9/20/90