

September 18, 1991

OIL CONSERVATION DIVISION  
RECEIVED  
'91 SEP 20 AM 9 02

State of New Mexico  
Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: Application for an Unorthodox Location  
Rosa Unit #341  
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 #341 well. The subject well is to be located 2315' FSL & 2335' FWL of Section 11-T31N-R4W, Basin Fruitland Coal Pool, Rio Arriba County, New Mexico.

The unorthodox location is due to archeological and topographical problems in the area. An attempt was also made to stay out of the arroyo bottoms at the request of the Forest Service. The attached exhibits show the situation at the location and surrounding area.

All offset Operators and Lease Owners have been notified but to date we have only received a reply from Parker and Parsley Petroleum Co. to our request for Waiver of Objection to an Unorthodox Location (see attached).

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

Respectfully yours,

MITCHELL ENERGY CORPORATION

Albert Libersat  
District Engineer

AL/jms  
Attch.

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPT.  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: Application for an Unorthodox Location  
Mitchell Energy Corporation  
Rosa Unit #341  
2315' FSL & 2335' FWL  
Sec. 11-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 on Mitchell Energy Corporation's Rosa Unit No. 341  
located 2315' FSL & 2335' FWL, Section 11-T31N-R4W, Rio Arriba County, New  
Mexico.

Respectfully yours,

PARKER & PARSLEY PETROLEUM CO.

By:   
DIVISION OPERATIONS MANAGER

Date: SEPTEMBER 4, 1991

EXHIBITS FOR APPLICATION TO UNORTHODOX LOCATION

Mitchell Energy Corporation  
Rosa Unit #341  
2315' FSL & 2335' FWL  
Sec. 11-T31N-R4W  
Basin Fruitland Coal Gas Pool  
Rio Arriba County, New Mexico

- EXHIBIT A: Form C-102, Well Location and Acreage Dedication Plat.
- EXHIBIT B: Location Window Plat, showing the Windows for standard locations as provided by Order R-8768 with the Rosa Unit No. 341 spotted in its approximate location.
- EXHIBIT C: Ownership and Offset Location Plat showing the Ownership of offset wells.
- EXHIBIT D: Copy of Survey Plat, showing access route to location.
- EXHIBIT E: Copy of the Application for Permit to Drill and Sundry Notice changing locations.
- 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

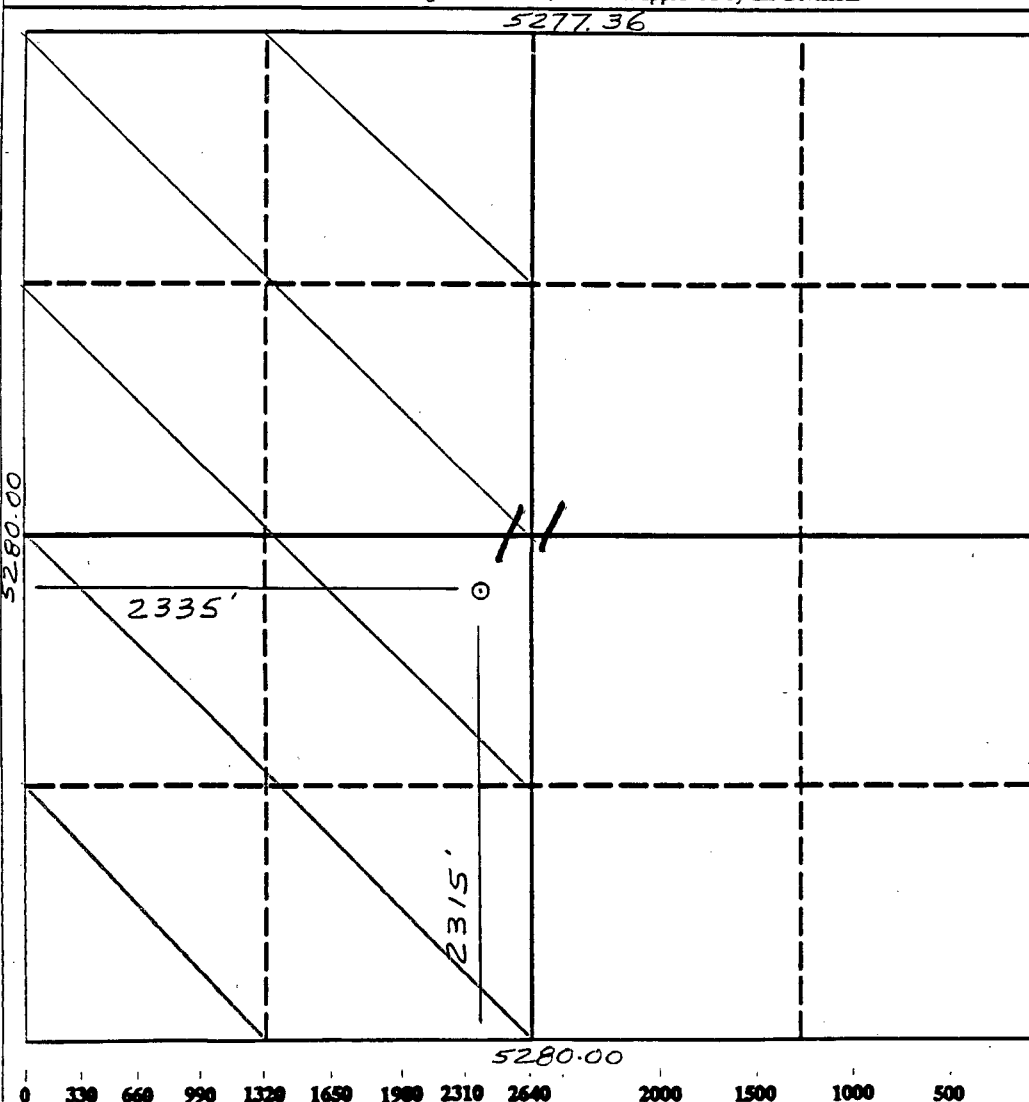
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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. 341
Unit Letter K	Section 11	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 2315 feet from the South line and 2335 feet from the West line					
Ground level Elev. 7002'		Producing Formation		Pool	Dedicated Acreage: Acres

- Outline the acreage dedicated to the subject well by colored pencil or lecture 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  
*Albert Libersat*  
Printed Name  
ALBERT LIBERSAT  
Position  
DISTRICT ENGINEER  
Company  
MITCHELL ENERGY CORP.  
Date  
6-12-91

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.

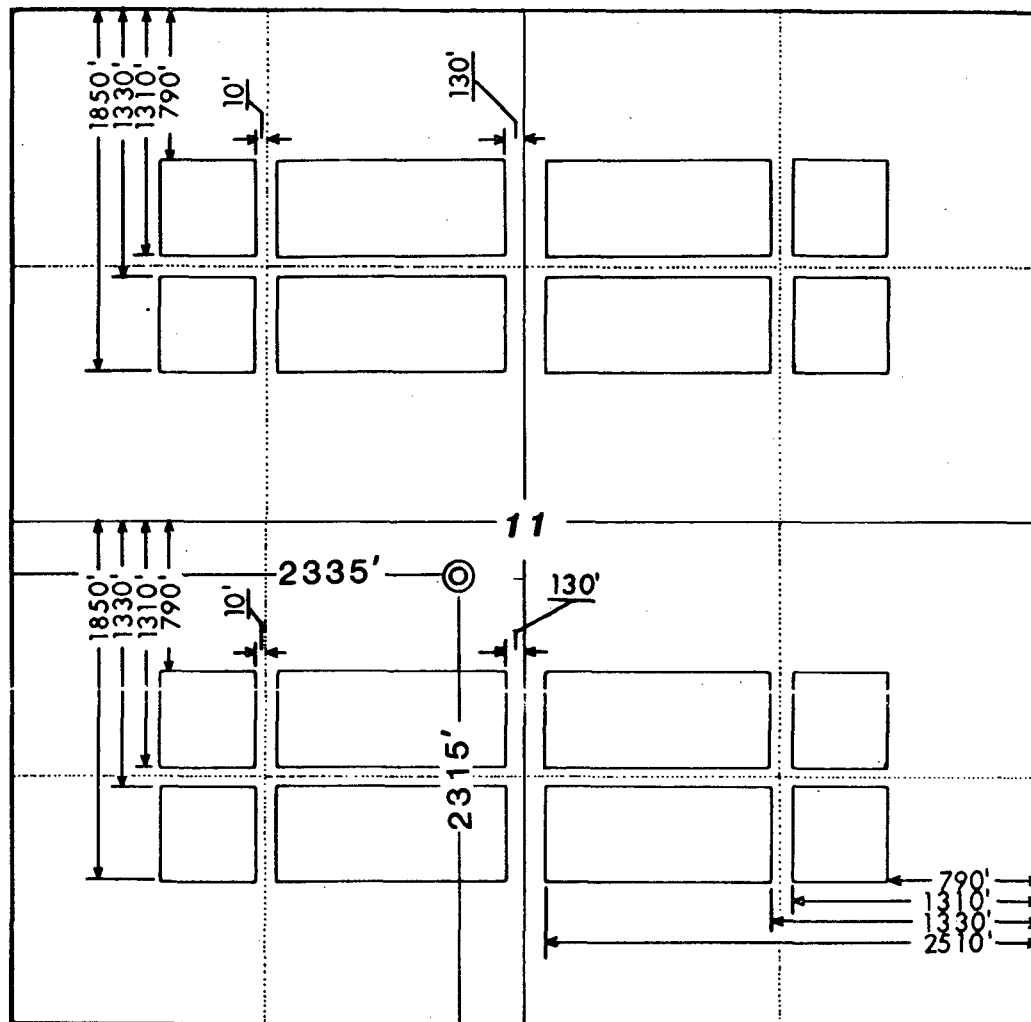
Date Surveyed  
6-7-91  
Signature  
*Neale C. Edwards*  
Professional Surveyor  
NEW MEXICO  
6857  
REGISTERED LAND SURVEYOR  
Certificate No.  
Neale C. Edwards

# UNORTHODOX LOCATION FOR ROSA UNIT

## #341

2315' FSL 2335' FWL Sec.11 T31N R4W

Basin Fruitland Coal Gas Pool



### MITCHELL ENERGY CORPORATION

555 17th STREET, STE. 3500



DENVER, COLORADO 80202

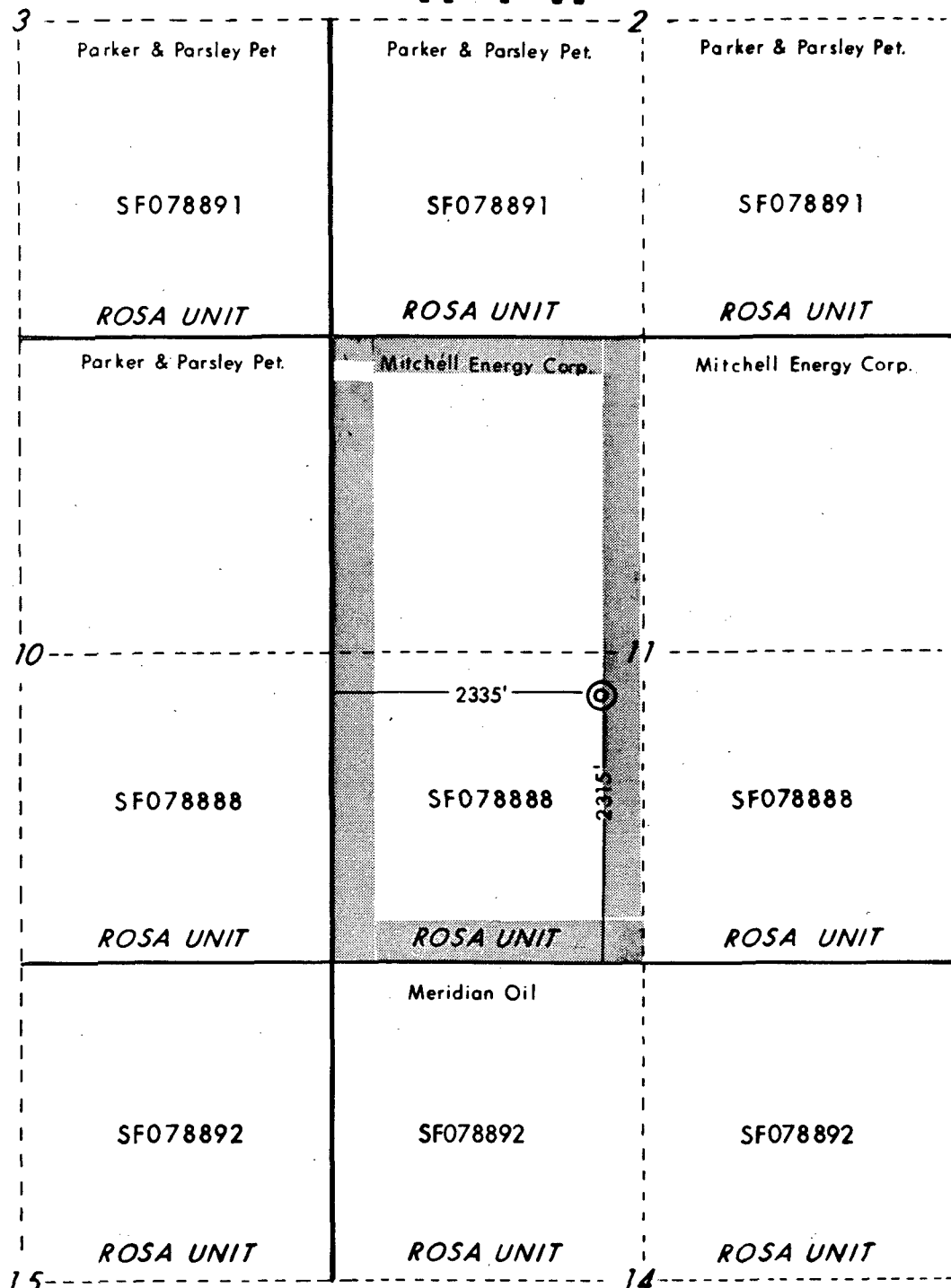
# UNORTHODOX LOCATION FOR ROSA UNIT

## #341

2315' FSL 2335' FWL Sec.11 T31N R4W

Basin Fruitland Gas Pool

### R 4 W



## MITCHELL ENERGY CORPORATION

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

Proposed access and  
pipeline right of way to  
Mitchell Energy Corporation  
Rosa Unit #341  
2315' FSL, 2335' FWL,  
Sec.11, T31N, R4W  
Rio Arriba Co., N.M.

$\frac{1}{4}$  Cor.  $\frac{2}{11}$

Tie  
S-5°33'30"-W  
727.87'

PI#18  
Laydown to  
Rosa Unit #342

PI#19

PI#20

PI#21

PI#22

PI#23

PI#24

PI#25

PI#26

PI#27

PI#28

PI#29

Laydown to Rosa Unit #341

PI#18  
Laydown to Rosa Unit #342

S-13°16'-W 294.5'

PI#19  
S-38°44'-W 252.5'

PI#20  
S-25°41'-W 145.4'

PI#21  
S-18°36'-E 106.6'

PI#22  
S-16°24'-W 205.4'

PI#23  
S-44°36'-W 99.7'

PI#24  
S-16°54'-W 388.8'

PI#25  
S-2°36'-E 220.2'

PI#26  
S-22°49'-W 116.1'

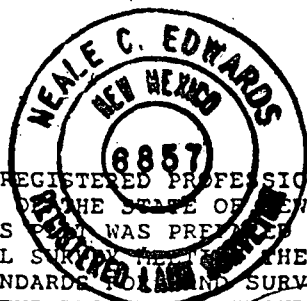
PI#27  
S-3°36'-W 175.3'

PI#28  
S-37°56'-E 161.0'

PI#29  
S-16°22'-E 244.9'

Laydown to Rosa Unit #341

Calc. Tie  
S-36°59'25"-E  
3683.98'



I, NEALE C. EDWARDS, A REGISTERED PROFESSIONAL  
SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO,  
HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM  
FIELD NOTES OF AN ACTUAL SURVEY MEETING THE MINIMUM  
REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS AND  
IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND  
BELIEF.

7-16-91  
Date

*Neale C. Edwards*  
Neale C. Edwards  
N.M.R.L.S. # 6857

NCE SURVEYS

4900 Kayenta Dr.  
Farmington, NM 87402  
(505) 325-2654

DWN BY: BCM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF078888	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
2. NAME OF OPERATOR MITCHELL ENERGY CORPORATION		7. UNIT AGREEMENT NAME Rosa	
3. ADDRESS OF OPERATOR 555 Seventeenth Street - Suite 3500 Denver, CO 80202		8. FARM OR LEASE NAME NA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface * 1440' FSL & 1825' FWL Sec. 11-T31N-R4W At proposed prod. zone SAME * location moved to 2315' FSL & 2335' FWL Sec 11-T31N-R4W		9. WELL NO. 341	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* +61 miles northeast of Blanco, New Mexico		10. FIELD AND POOL, OR WILDCAT Fruitland	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1440'		11. SEC., T., R., M., OR SLE. AND SURVEY OR AREA Sec. 11-T31N-R4W	
16. NO. OF ACRES IN LEASE 2560 acres		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 acres		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2308'		14. ROTARY OR CABLE TOOLS rotary	
19. PROPOSED DEPTH 4000'		20. APPROX. DATE WORK WILL START* 9/15/90	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6975' GR			

## 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. James C. Anderson TITLE District Production Manager DATE 7/31/90  
SIGNED JAMES C. ANDERSON  
(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

SF078888

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ROSA UNIT

8. Well Name and No.

34J

9. API Well No.

10. Field and Pool, or Exploratory Area  
Basin Fruitland

11. County or Parish, State  
Coal Gas  
Rio Arriba, NM

SUBMIT IN TRIPLICATE

Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator

MITCHELL ENERGY CORPORATION

Address and Telephone No. 555 17th Street - Suite 3500

Denver, CO 80202 (303) 292-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2315' FSL & 2335' FWL  
Sec. 11-T31N-R4W

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_  
☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work:)\*

Due to archeological sites and topographical problems on the original location, Mitchell Energy Corporation respectfully requests the location of this well be moved to 2315' FSL and 2335' FWL of Section 11-T31N-R4W.

Attached are copies of a Well Location and Dedication Plat and a survey plat of the proposed pipeline route and access road for this well.

4. I hereby certify that the foregoing is true and correct

Signature James C. Anderson

Title District Production Manager

Date 8/26/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

NAMES AND ADDRESSES OF OFFSET OWNERS  
AND OTHER INTERESTED PARTIES

Application for Unorthodox Location  
Rosa Unit #341

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

Parker and Parsley Petroleum Co.  
600 West Illinois  
Suite 103  
Midland, Texas 79701

Meridian Oil Inc.  
3535 East 30th Street  
Farmington, New Mexico 87401

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

OIL CONSERVATION DIVISION  
RECEIVED

September 18, 1991

91 SEP 20 AM 9 02

State of New Mexico  
Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: Application for an Unorthodox Location  
Rosa Unit #342  
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. The subject well is to be located 765' FNL & 2595' FEL of Section 11-T31N-R4W, Basin Fruitland Coal Pool, Rio Arriba County, New Mexico.

The unorthodox location is due to archeological and topographical problems in the area. An attempt was also made to stay out of the arroyo bottoms at the request of the Forest Service. The attached exhibits show the situation at the location and surrounding area.

All offset Operators and Lease Owners have been notified but to date we have only received a reply from Parker and Parsley Petroleum Co. to our request for Waiver of Objection to an Unorthodox Location (see attached).

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

Respectfully yours,

MITCHELL ENERGY CORPORATION

Albert Libersat  
District Engineer

AL/jms  
Attch.

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPT.  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: Application for an Unorthodox Location  
Mitchell Energy Corporation  
Rosa Unit #342  
765' FNL & 2595' FEL  
Sec. 11-T31N-R4W  
Basin Fruitland Coal Gas Pool  
Rio Arriba County, New Mexico

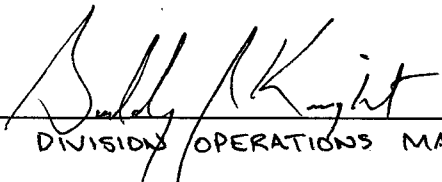
Gentlemen:

We, as Offset Operator, hereby waive objection to the Application to Unorthodox Location on Mitchell Energy Corporation's Rosa Unit No. 342 located 765' FNL & 2595' FEL, Section 11-T31N-R4W, Rio Arriba County, New Mexico.

Respectfully yours,

PARKER & PARSLEY PETROLEUM CO.

By:

  
DIVISION OPERATIONS MANAGER

Date: SEPTEMBER 4, 1991

EXHIBITS FOR APPLICATION TO UNORTHODOX LOCATION

Mitchell Energy Corporation  
Rosa Unit #342  
765' FNL & 2595' FEL  
Sec. 11-T31N-R4W  
Basin Fruitland Coal Gas Pool  
Rio Arriba County, New Mexico

- EXHIBIT A: Form C-102, Well Location and Acreage Dedication Plat.
- EXHIBIT B: Location Window Plat, showing the Windows for standard locations as provided by Order R-8768 with the Rosa Unit No. 341 spotted in its approximate location.
- EXHIBIT C: Ownership and Offset Location Plat showing the Ownership of offset wells.
- EXHIBIT D: Copy of Survey Plat, showing access route to location.
- EXHIBIT E: Copy of the Application for Permit to Drill and Sundry Notice changing locations.
- 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

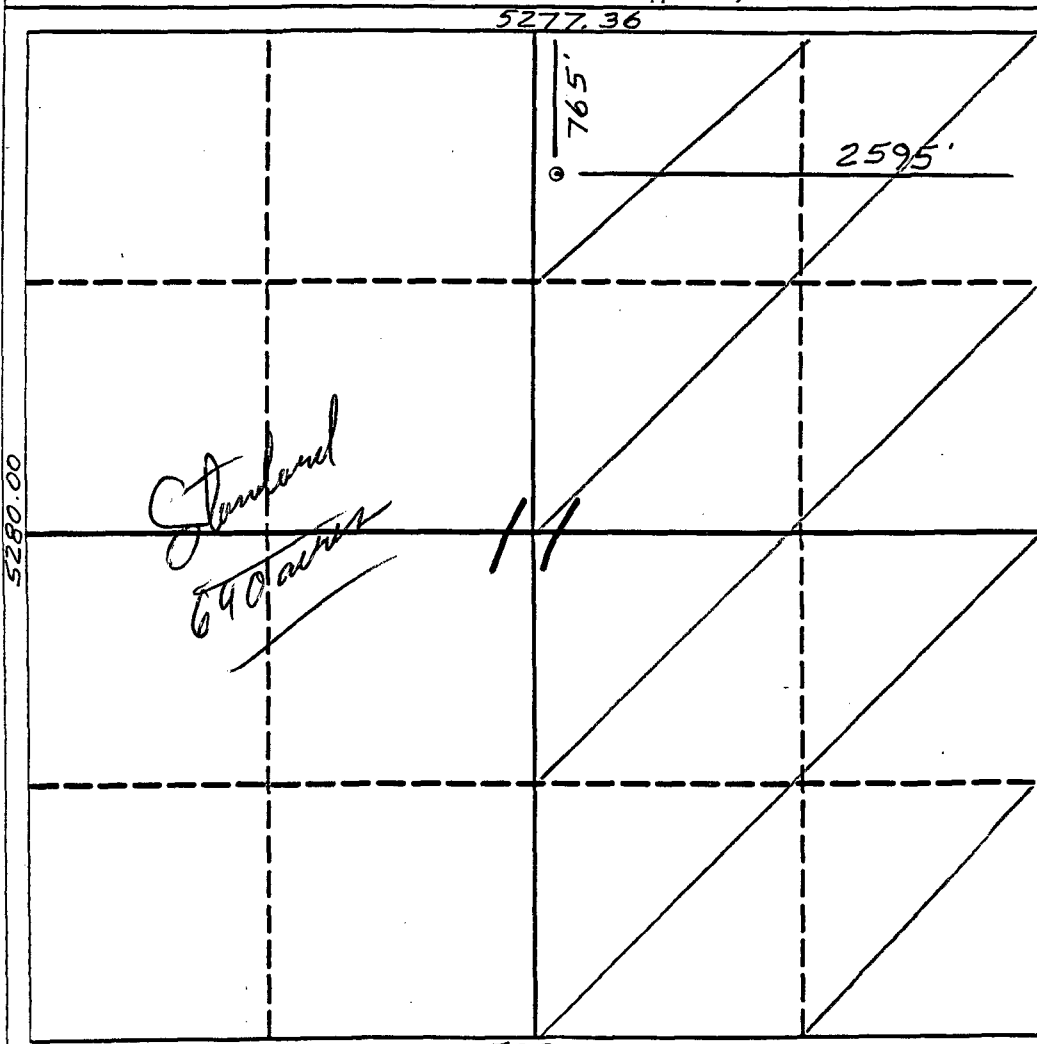
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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 B	Section 11	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 765 feet from the North line and 2595 feet from the East line					
Ground level Elev. 7046'	Producing Formation		Pool	Dedicated Acreage: Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare 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  
*Albert Libersat*  
Printed Name  
ALBERT LIBERSAT  
Position  
DISTRICT ENGINEER  
Company  
MITCHELL ENERGY CORP  
Date  
6-12-91

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  
6-7-91  
Signature  
*Neale C. Edwards*  
Professional Surveyor  
NEW MEXICO  
6857  
6857  
REGISTERED LAND SURVEYOR  
Neale C. Edwards

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

765' FNL 2595' FEL Sec.11 T31N R4W



555 17th STREET, STE. 3500

• DENVER, COLORADO 80202

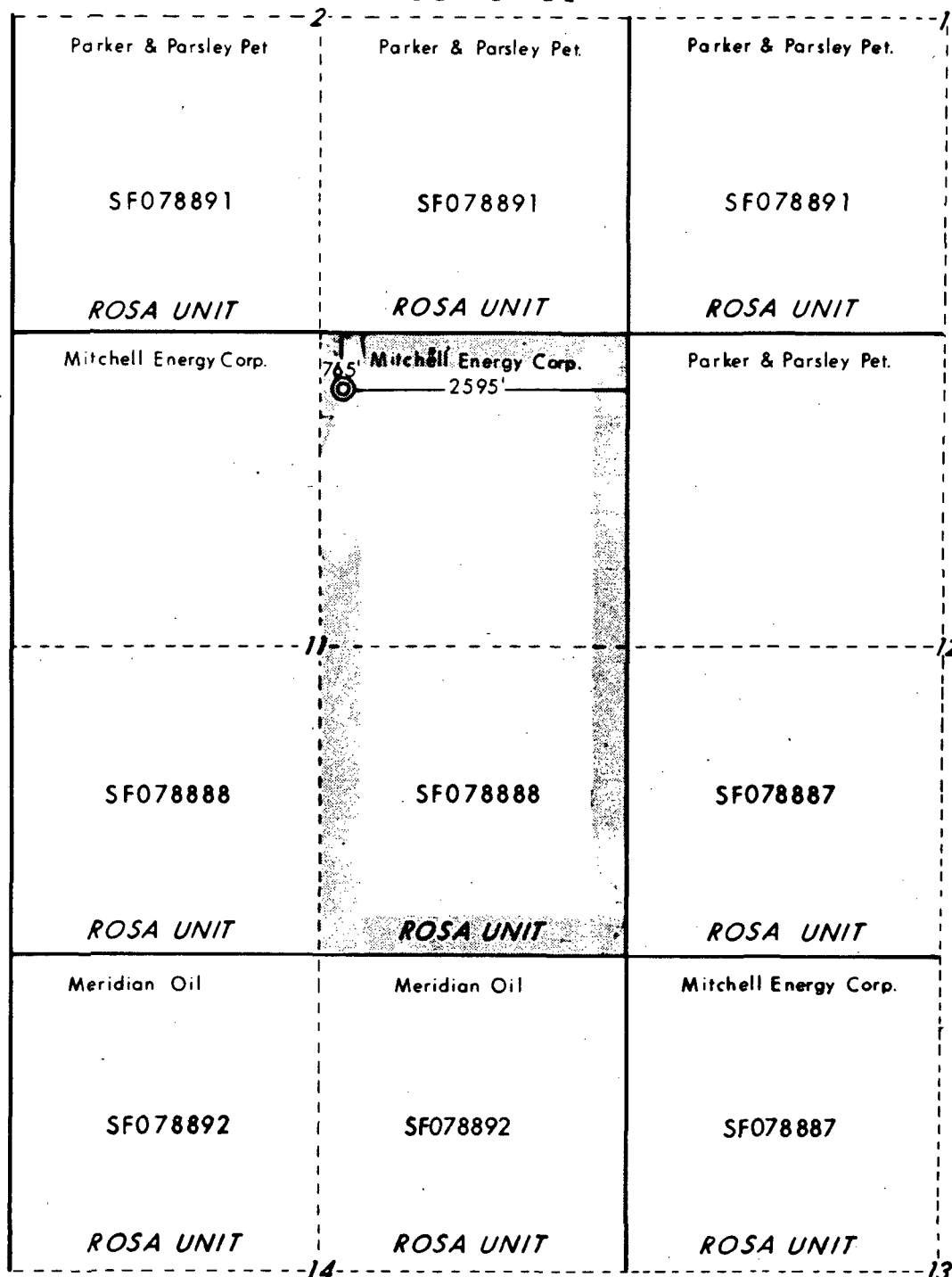
# UNORTHODOX LOCATION FOR ROSA UNIT

## #342

765' FNL 2595' 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



Existing Access

S-9°36'-E	196.6'
PI#1	
S-17°51'-E	64.9'
PI#2	
S-25°49'-W	96.4'
PI#3	
S-12°12'-E	203.6'
PI#4	
S-2°33'-W	201.2'
PI#5	
S-16°40'-W	153.4'
PI#6	
S-55°51'-W	206.2'
PI#7	
S-57°13'-W	159.6'
PI#8	
S-68°05'-W	93.8'
PI#9	
N-75°49'-W	89.7'
PI#10	
S-35°38'-W	221.4'
PI#11	
S-12°40'-E	477.6'
PI#12	
S-50°00'-W	348.5'
PI#13	
S-11°31'-W	115.2'
PI#14	
S-39°15'-W	240.2'
PI#15	
S-34°29'-W	263.2'
PI#16	
S-22°12'-W	370.5'
PI#17	
S-5°57'-E	208.5'
PI#18	

Laydown to Rosa Unit #342

Tie  
S-5°33'30"-W  
727.87'

PI#17

PI#18

Laydown to Rosa Unit #342

Proposed access and  
pipeline right of way to  
Mitchell Energy Corporation  
Rosa Unit #342  
765' FNL, 2595' FEL,  
Sec.11, T31N, R4W  
Rio Arriba Co., N.M.

Existing  
access

PI#1  
PI#2  
PI#3  
PI#4  
PI#5  
PI#6

PI#8  
PI#9  
PI#10  
PI#11  
PI#12

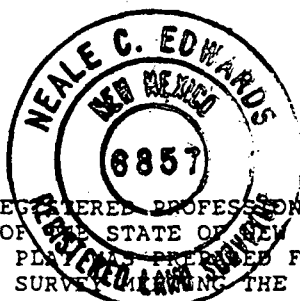
Calc. Tie  
N-32°53'53"-W  
2756.94'

PI#13

PI#14

PI#15

PI#16



I, NEALE C. EDWARDS, A REGISTERED PROFESSIONAL  
SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO,  
HEREBY CERTIFY THAT THIS PLAN WAS PREPARED FROM  
FIELD NOTES OF AN ACTUAL SURVEY MEETING THE MINIMUM  
REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS AND  
IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND  
BELIEF.

Date

Neale C. Edwards  
N.M.R.L.S. # 6857

NCE SURVEYS

4900 Kayenta Dr.  
Farmington, NM 87402  
(505) 325-2654

DWN BY: BCM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF078888
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
2. NAME OF OPERATOR MITCHELL ENERGY CORPORATION		7. UNIT AGREEMENT NAME ROSA
3. ADDRESS OF OPERATOR 555 Seventeenth Street - Suite 3500 Denver, CO 80202		8. FARM OR LEASE NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface * 1950' FNL & 2090' FEL Sec. 11-T31N-R4W *location moved to, 166' FNL & 2595' FEL Sec 11-T31N-R4W At proposed prod. zone Same		9. WELL NO. 342
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* + -61 miles northeast of Blanco, New Mexico		10. FIELD AND POOL, OR WILDCAT Fruitland
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	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11-T31N-R4W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2308'	19. PROPOSED DEPTH 4000'	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6952' GR		13. STATE NM
23. PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* 9/15/90

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. 6 Production Facilities Layout
Exhibit No. 2 Location Elevation Plat	Exhibit No. 7 Drilling Rig Layout
Exhibit No. 3 Planned Access Roads	
Exhibit No. 4 Planned Pipeline Map	
Exhibit No. 5 One Mile Radius Map	

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  
(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No: 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MITCHELL ENERGY CORPORATION

3. Address and Telephone No.

555 17th Street - Suite 3500

Denver, CO 80202

(303) 292-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

765' FNL & 2595' FEL  
Sec. 11-T31N-R4W

5. Lease Designation and Serial No.

SF078888

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ROSA UNIT

8. Well Name and No.

342

9. API Well No.

10. Field and Pool, or Exploratory Area

Basin Fruitland

Coal Gas

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to archeological sites and topographical problems on the original location, Mitchell Energy Corporation respectfully requests the location of this well be moved to 765' FNL and 2595' FEL of Section 11-T31N-R4W.

Attached are copies of a Well Location and Dedication Plat and a survey plat of the proposed pipeline route and access road for this well.

14. I hereby certify that the foregoing is true and correct

Signed James C. Anderson

Title District Production Manager

Date 8/26/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

**Application for Unorthodox Location  
Rosa Unit #342**

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

**Parker and Parsley Petroleum Co.  
600 West Illinois  
Suite 103  
Midland, Texas 79701**

**Meridian Oil Inc.  
3535 East 30th Street  
Farmington, New Mexico 87401**

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