

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

A handwritten signature in cursive script, appearing to read 'Albert Libersat', written in black ink.

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

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

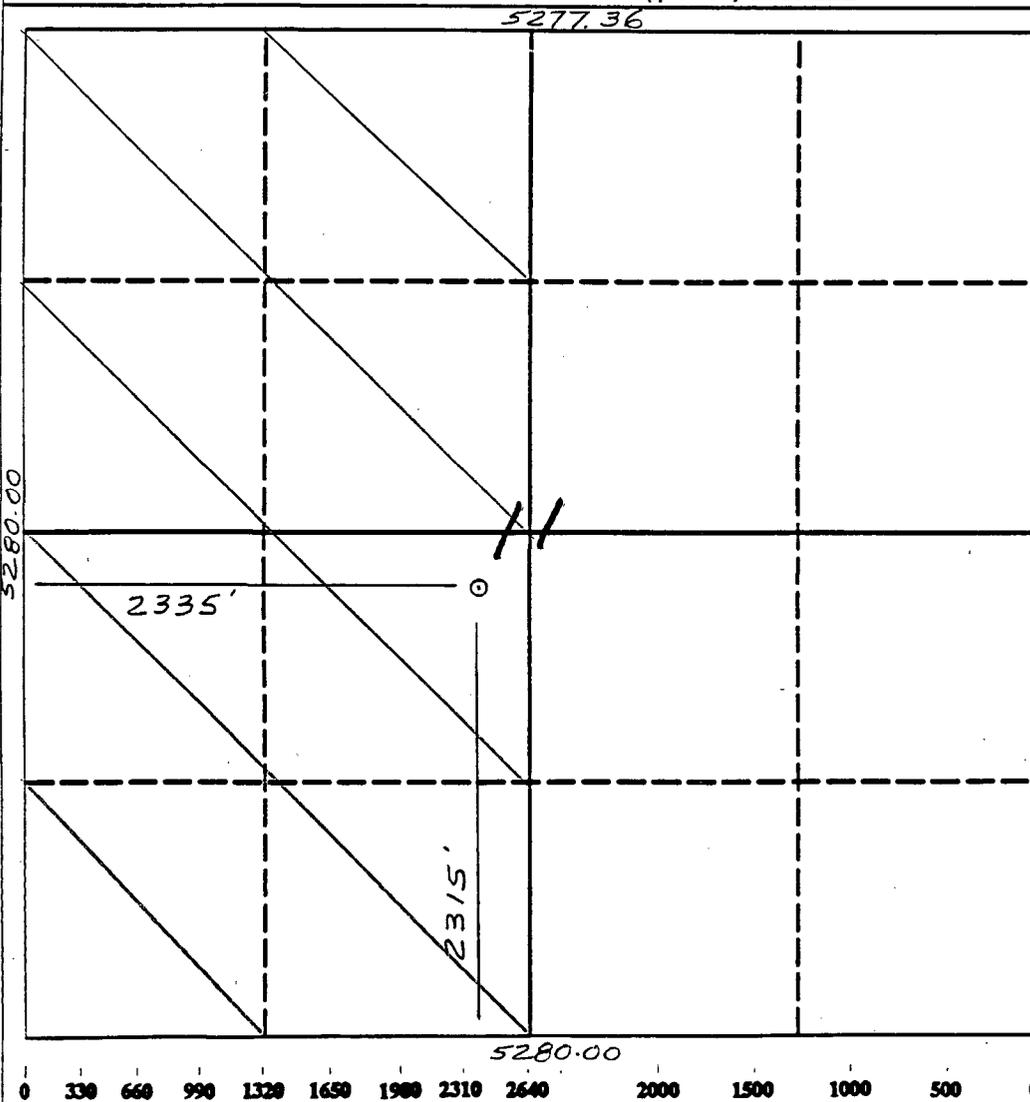
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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 NMPM	
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	

1. Outline the acreage dedicated to the subject well by colored pencil or lecture 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 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 Seal: NEW MEXICO REGISTERED LAND SURVEYOR 6857

Certificate No.: 6857

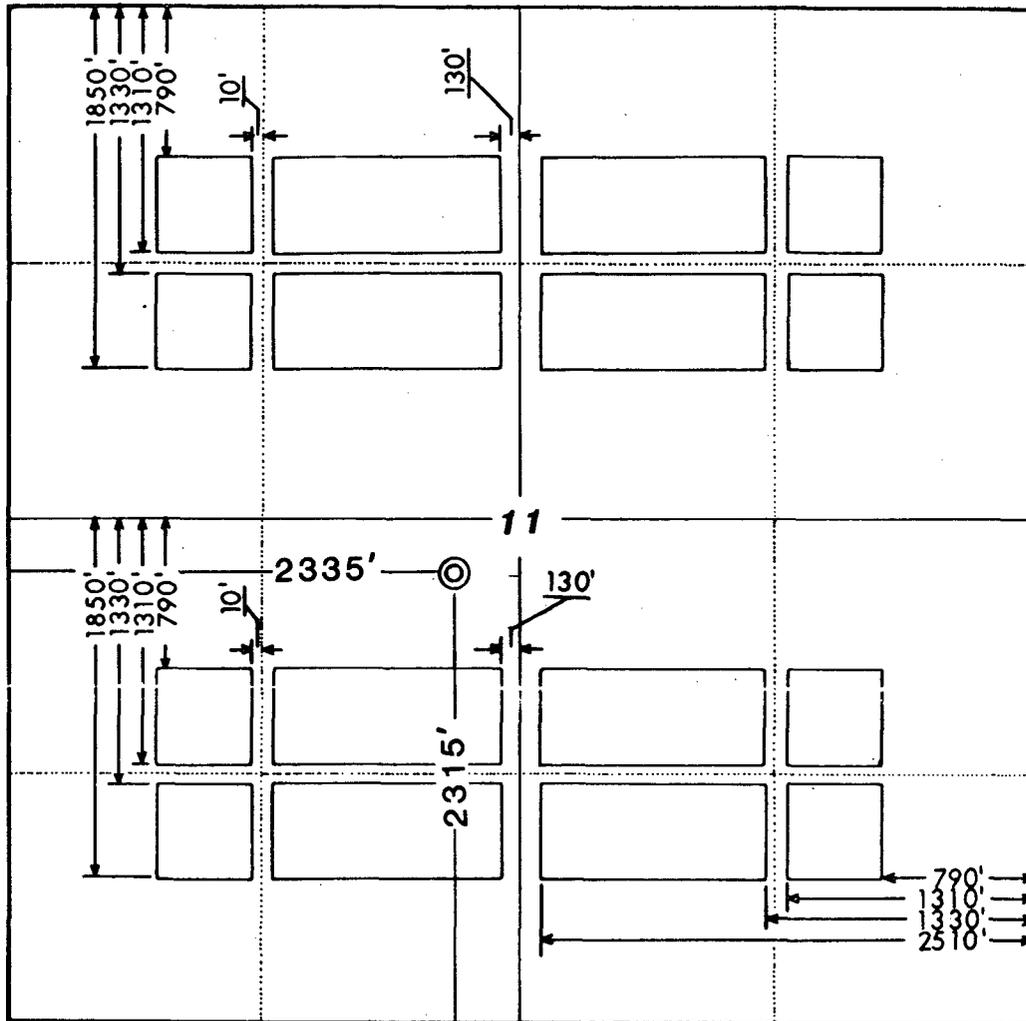
Name: Neale C. Edwards

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



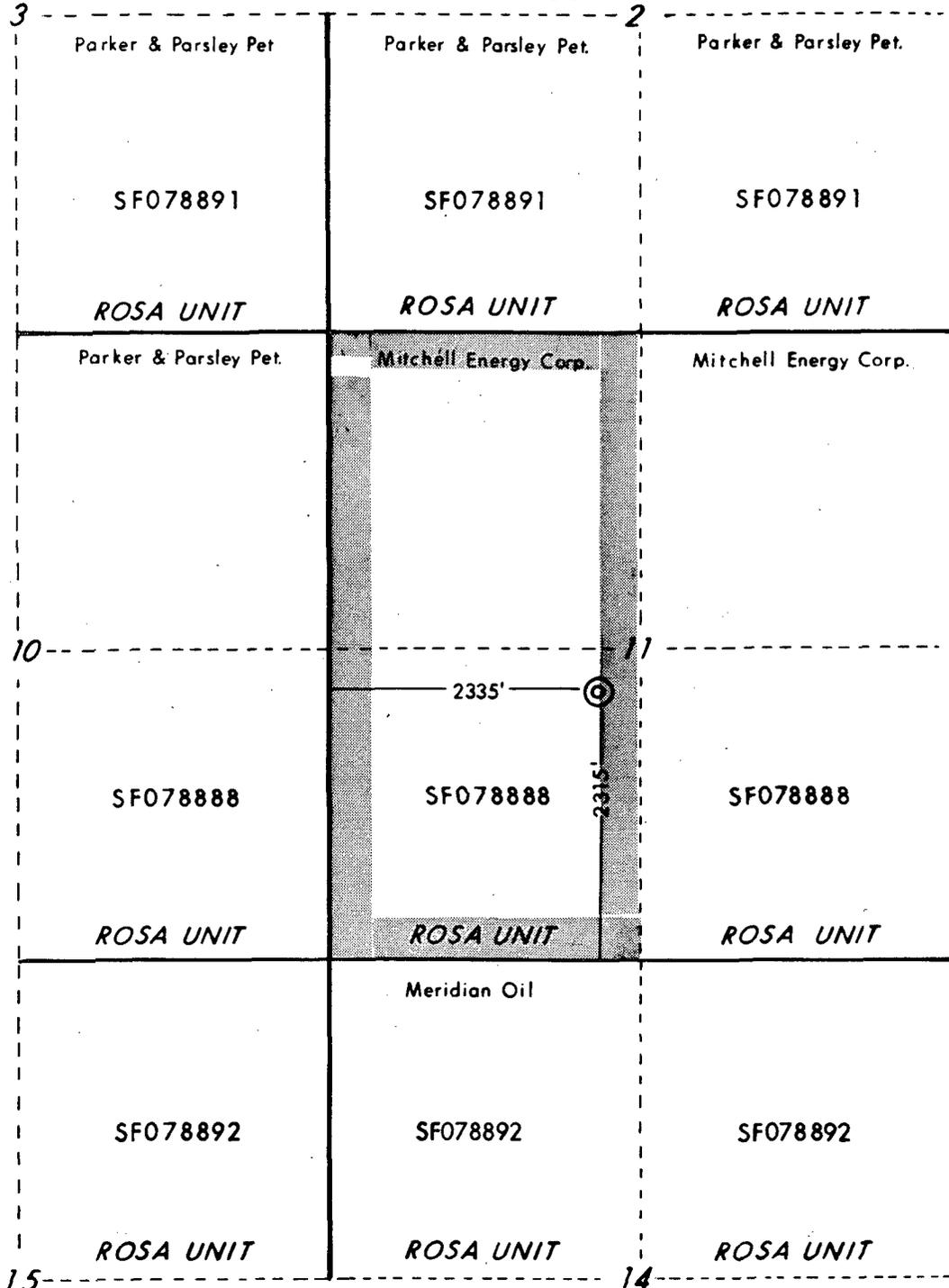
DENVER, COLORADO 80202

UNORTHODOX LOCATION FOR ROSA UNIT

#341

2315' FSL 2335' FWL Sec.11 T31N R4W
Basin Fruitland Gas Pool

R 4 W



T
31
N



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

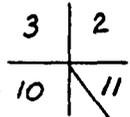
PI#27

PI#28

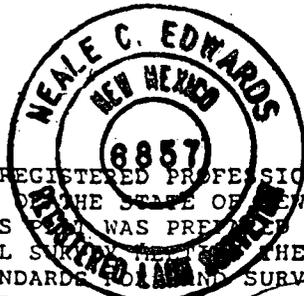
PI#29

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 AND MEETS THE MINIMUM REQUIREMENTS OF THE STANDARDS AND PRACTICES OF THE SURVEYING 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 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 * 1440' FSL & 1825' FWL Sec. 11-T31N-R4W *location moved to 2315' FSL & 2335' FWL 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) 1440'

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.) 6975' 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.
 341

10. FIELD AND POOL, OR WILDCAT
 Fruitland

11. SEC., T., R., M., OR S&L, AND SURVEY OR AREA
 Sec. 11-T31N-R4W

12. COUNTY OR PARISH
 Rio Arriba

13. STATE
 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 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:

**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

Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. SF078888
Name of Operator MITCHELL ENERGY CORPORATION		6. If Indian, Allottee or Tribe Name NA
Address and Telephone No. 555 17th Street - Suite 3500 Denver, CO 80202 (303) 292-4455		7. If Unit or CA, Agreement Designation ROSA UNIT
Location of Well (Footage, Sec., T., R., M., or Survey Description) 2315' FSL & 2335' FWL Sec. 11-T31N-R4W		8. Well Name and No. 34J
		9. API Well No.
		10. Field and Pool, or Exploratory Area Basin Fruitland Coal Gas
		11. County or Parish, State Rio Arriba, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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
 Signed James C. Anderson Title District Production Manager Date 8/26/91
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

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

A handwritten signature in cursive script that reads "Albert Libersat".

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

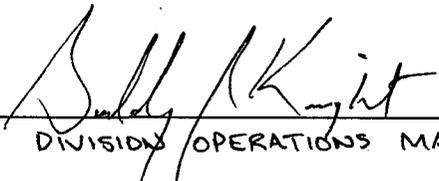
Gentlemen:

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

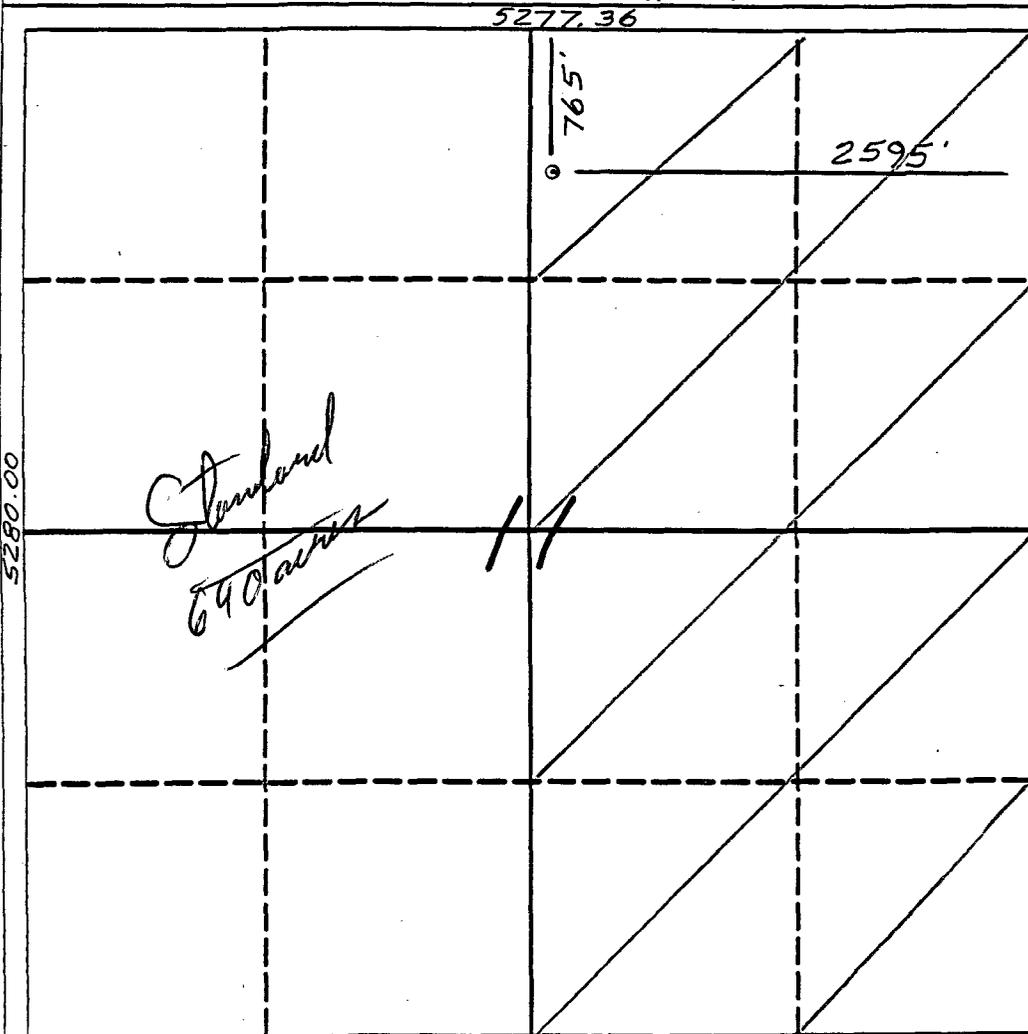
Operator Mitchell Energy Corporation			Lease Rosa Unit		Well No. 342
Unit Letter B	Section 11	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 765 feet from the North line and 2595 feet from the East line					
Ground level Elev. 7046'	Producing Formation			Pool	Dedicated 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.

6-7-91

Date Surveyed
Neale C. Edwards

Signature
Neale C. Edwards

Professional Surveyor
NEW MEXICO
6857
REGISTERED LAND SURVEYOR

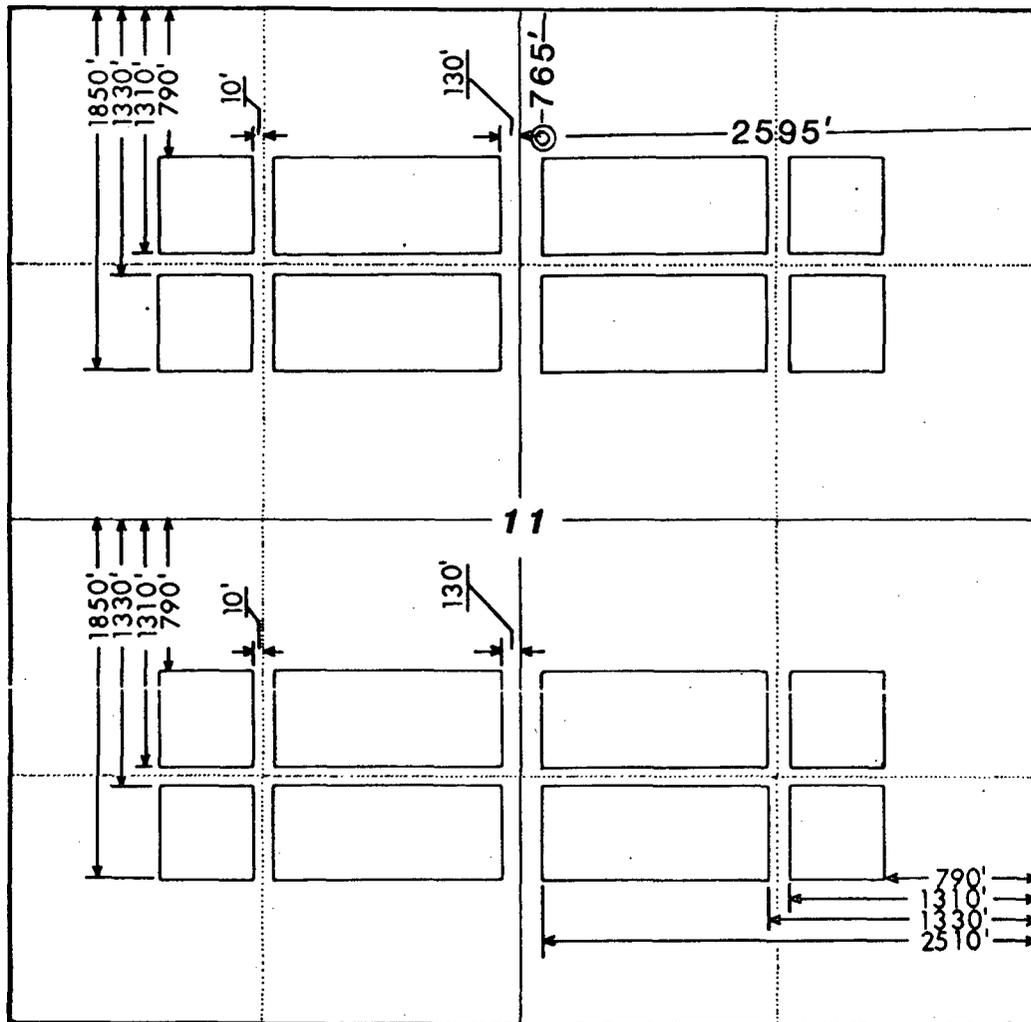
Certificate No.
Neale C. Edwards



UNORTHODOX LOCATION FOR ROSA UNIT #342

765' FNL 2595' FEL Sec.11 T31N R4W

Basin Fruitland Coal Gas Pool



MITCHELL ENERGY CORPORATION

555 17th STREET, STE. 3500

• DENVER, COLORADO 80202

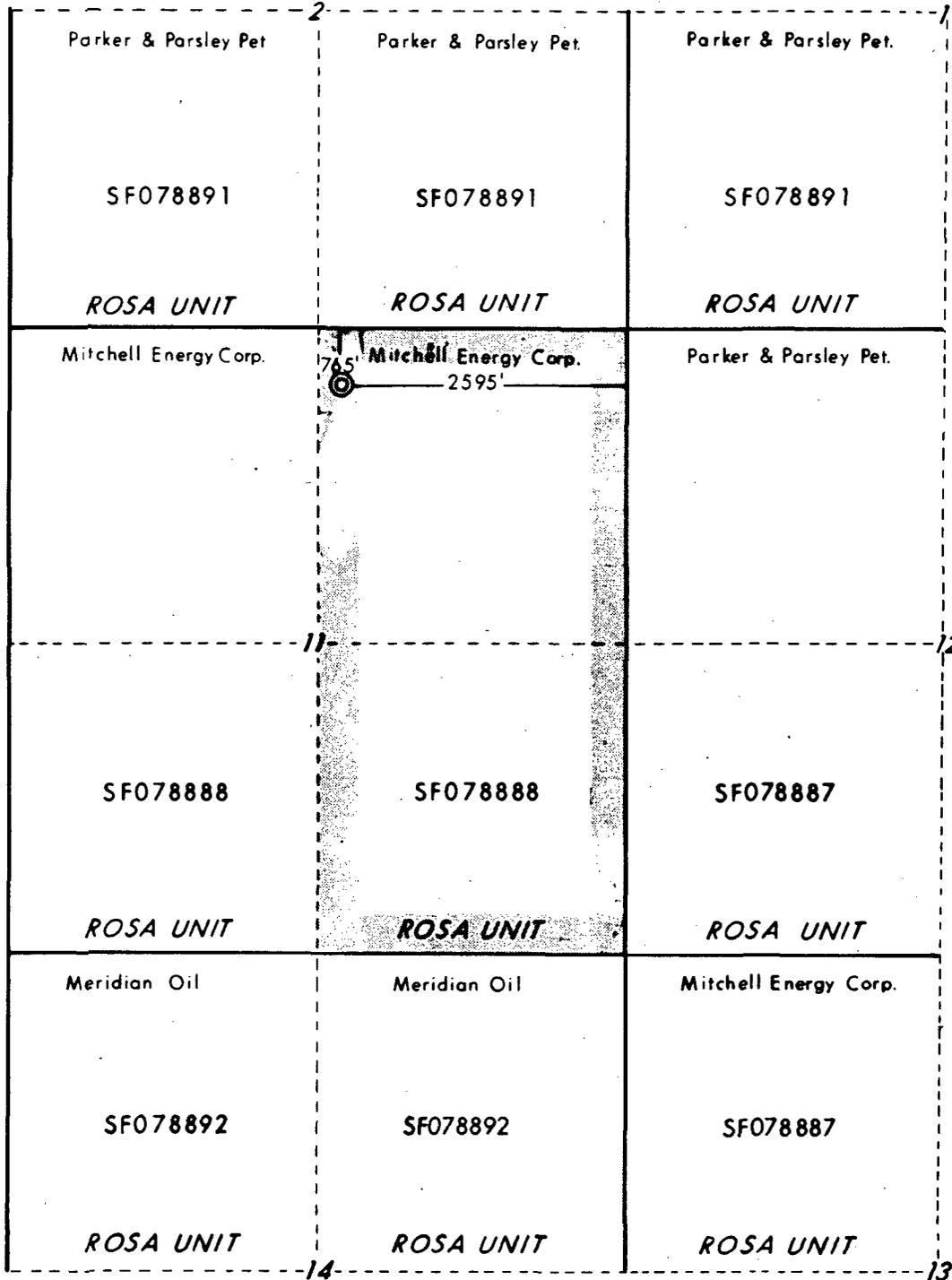
UNORTHODOX LOCATION FOR ROSA UNIT

#342

765' FNL 2595' FEL Sec.11 T31N R4W

Basin Fruitland Gas Pool

R 4 W



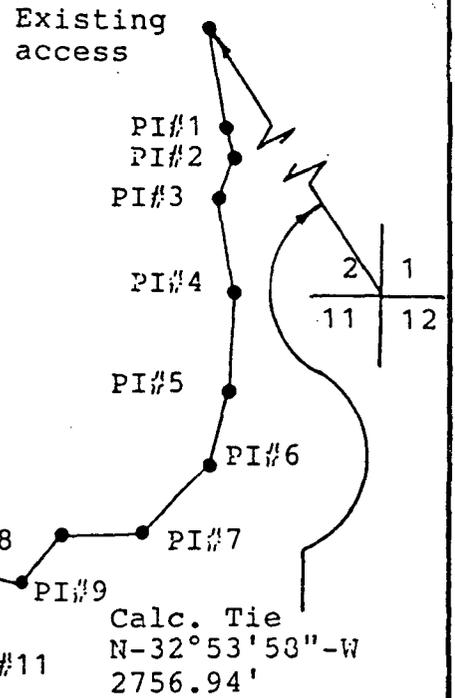
MITCHELL ENERGY CORPORATION

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	

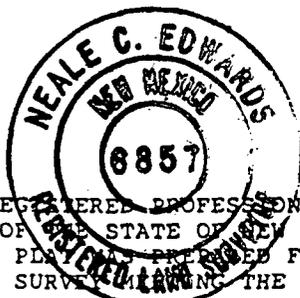
Proposed access and pipeline right of way to Mitchell Energy Corporation Rosa Unit #342
 765' FNL, 2595' FEL,
 Sec.11, T31N, R4W
 Rio Arriba Co., N.M.



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

Tie
 S-5°33'30\"-W
 727.87' PI#17

PI#18
 Laydown to Rosa Unit #342



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 AND 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 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-RAW *location moved to, 166' FNL & 2595' FEL Sec 11-T31N-RAW
 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 BLK. AND SURVEY OR ABBA
 Sec. 11-T31N-RAW

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:

**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

<p>1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other</p> <p>2. Name of Operator MITCHELL ENERGY CORPORATION</p> <p>3. Address and Telephone No. 555 17th Street - Suite 3500 Denver, CO 80202 (303) 292-4455</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 765' FNL & 2595' FEL Sec. 11-T31N-R4W</p>	<p>5. Lease Designation and Serial No. SF078888</p> <p>6. If Indian, Allottee or Tribe Name NA</p> <p>7. If Unit or CA, Agreement Designation ROSA UNIT</p> <p>8. Well Name and No. 342</p> <p>9. API Well No.</p> <p>10. Field and Pool, or Exploratory Area Basin Fruitland Coal Gas</p> <p>11. County or Parish, State Rio Arriba, NM</p>
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12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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 _____ Title _____ Date _____
 Conditions of approval, if any:

**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**