

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



October 28, 1991

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Mitchell Energy Corporation
555 Seventeenth Street
Suite 3500
Denver, Colorado 80202

RECEIVED
NOV 6 1991
OIL CON. DIV.
DIST. 3

Attention: Albert Libersat

Administrative Order NSL-3071

Dear Mr. Libersat:

Reference is made to your applications dated September 18, 1991 for two non-standard coal gas well locations to be drilled in Section 11, Township 31 North, Range 4 West, NMPM, Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

- 1) The Rosa Unit Well No. 341 to be located 2315 feet from the South line and 2335 feet from the West line in Unit K and shall be dedicated to the 320-acres comprising the W/2 of said Section 11.
- ✓ 2) The Rosa Unit Well No. 342 to be located 765 feet from the North line and 2595 feet from the East line in Unit B and shall be dedicated to the 320-acres comprising the E/2 of said Section 11.

By authority granted me under the provisions of Rule 8 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool as promulgated by Division Order No. R-8768, as amended, the above described unorthodox coal gas well locations are hereby approved.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Lemay".

WILLIAM J. LEMAY
Director

WJL/MES/jc

cc: Oil Conservation Division - Aztec
USBLM - Farmington
U.S. Forest Service - Blanco

September 18, 1991

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 Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-80

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

1. Outline the acreage dedicated to the subject well by colored pencil or hectare marks on the plat below.

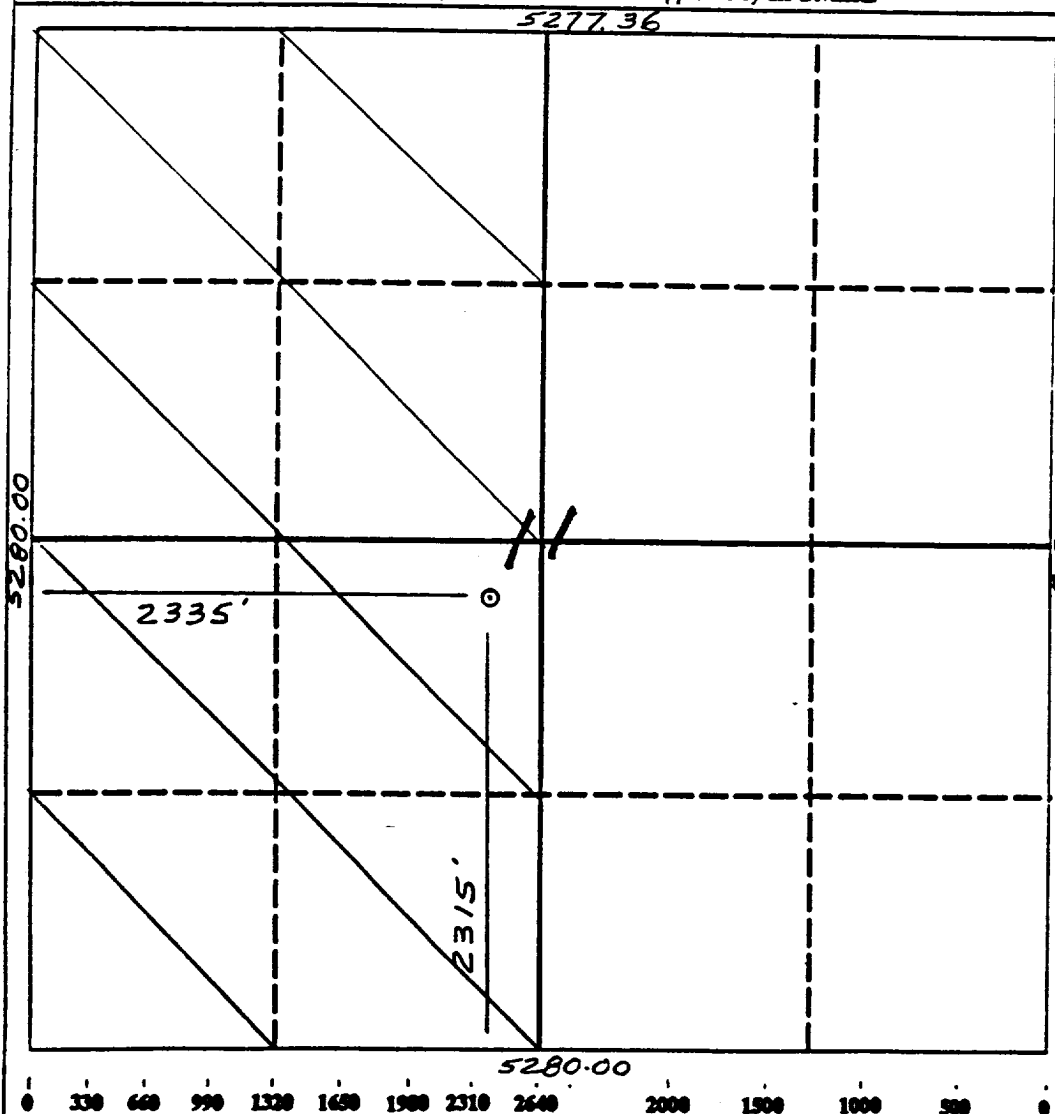
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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

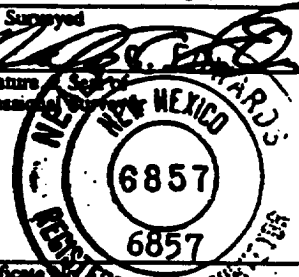
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

6-7-91

Date Surveyed

Signature

Professional



Certificate No.

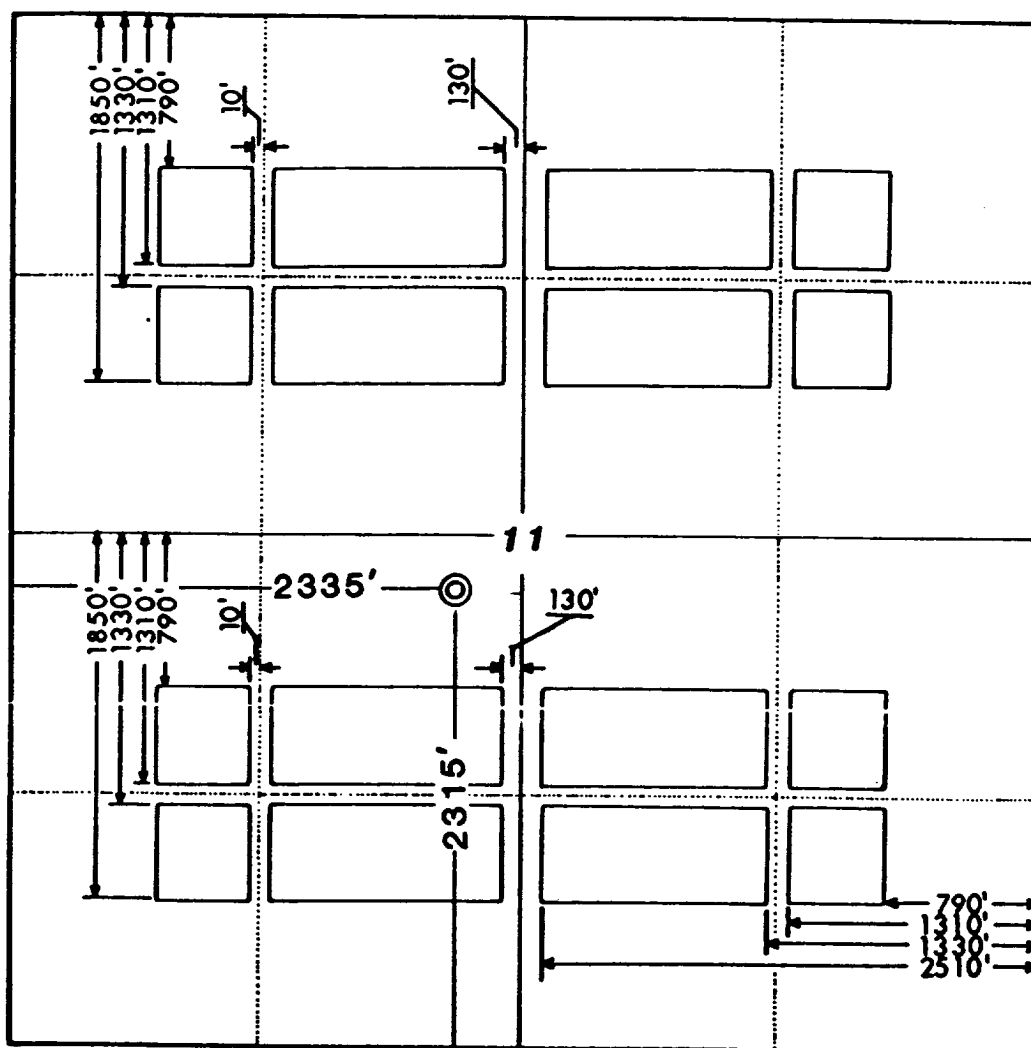
Neale C. Edwards

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

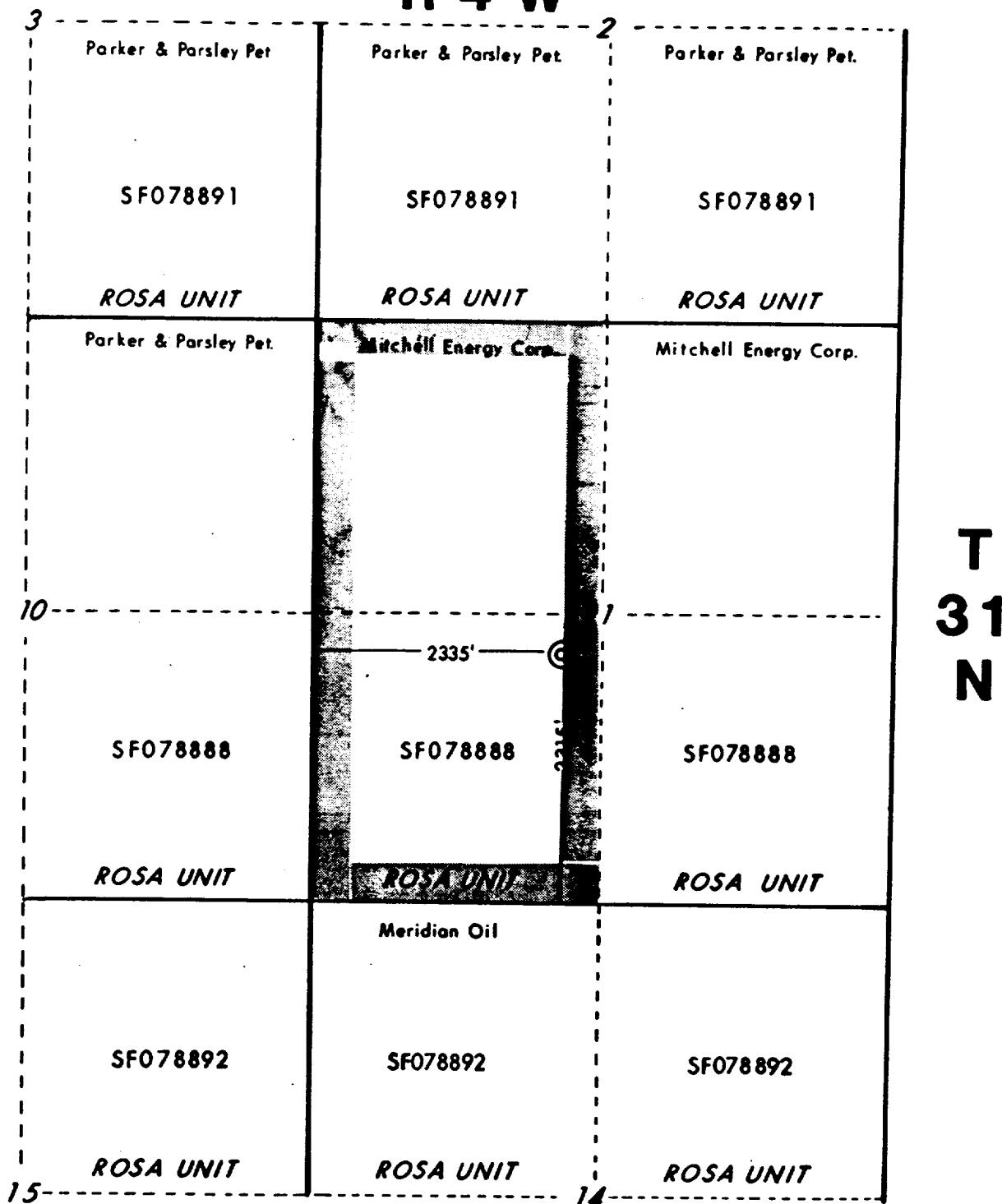
UNORTHODOX LOCATION FOR ROSA UNIT

#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.

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

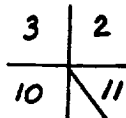
PI#27

PI#28

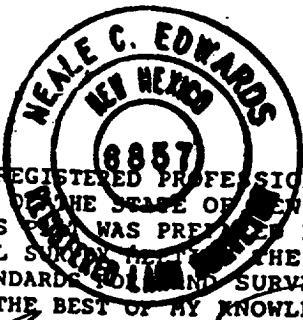
PI#29

Laydown to Rosa Unit #341

Calc. Tie
S-36°59'25"-E
3683.98'



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



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

NCE SURVEYS

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

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"/> SINGLE BORE <input checked="" type="checkbox"/> MULTIPLE BORE <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	
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1440'		11. SEC., T., R., M., OR S.E. 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'		12. COUNTY OR PARISH 13. STATE Rio Arriba NM	
19. PROPOSED DEPTH 4000'		17. NO. OF ACRES ASSIGNED TO THIS WELL 320 acres	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6975' GR		20. ROTARY OR CABLE TOOLS rotary	
22. APPROX. DATE WORK WILL START* 9/15/90			

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. 6 Production Facilities
Exhibit No. 2 Location Elevation Plat Layout
Exhibit No. 3 Planned Access Roads Exhibit No. 7 Drilling Rig Layout
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.

34. 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:

n 3160-5
e 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

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

Coal Gas

11. County or Parish, State

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

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.)

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.

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**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

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 Proposed Well

2. Name of Operator

Mitchell Energy Corporation

3. Address and Telephone No.

P.O. Box 4000, The Woodlands, Texas 77387-4000; (713) 377-5818

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.
SF 078888

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rosa Unit

8. Well Name and No.

342

9. API Well No.

30-039-25133

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State
Rio Arriba, N.M.

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

Drilling Permit Extension

(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.)*

Request that drilling permit granted on 10/29/91 be extended for a six-month period.

THIS APPROVAL EXPIRES

APR 29 1993

RECEIVED
AUG 21 1992
OIL CON. DIV.
DIST. 3

APPROVED

AUG 20 1992

AREA MANAGER

019 FARMINGTON, N.M.

92 AUG 17 PM 1:08

RECEIVED
BLM

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

Signed Mark N. Stephenson

Title Manager, Production-Regulatory Affairs

Date 8/12/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any: