

OIL CONSERVATION DIVISION
RECEIVED

July 31, 1991

'91 AUG 2 PM 2 31

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #314
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 314. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell
Energy Corporation's application for an unorthodox location for
Rosa Unit Well No. 314.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 314
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 4 West
Section 30: SWNE
1810' FNL, 2010' FEL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 314 has been chosen in an unorthodox location due to rugged topography and the presence of numerous archaeological sites in the area. The terrain to the north and east is extremely rugged and to the south and west are large washes which are burdened with erosion.

Attempts were made to locate other possible sites for the proposed well, however, due to topography and archaeology, this is the only feasible location.

The proposed location overlaps the existing Northwest Pipeline Rosa #63 (Basin Dakota) wellpad, therefore, we can utilize previously disturbed ground and eliminate the necessity for more access roads. This location also allows us to avoid the several recorded archaeological sites surrounding the site.

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

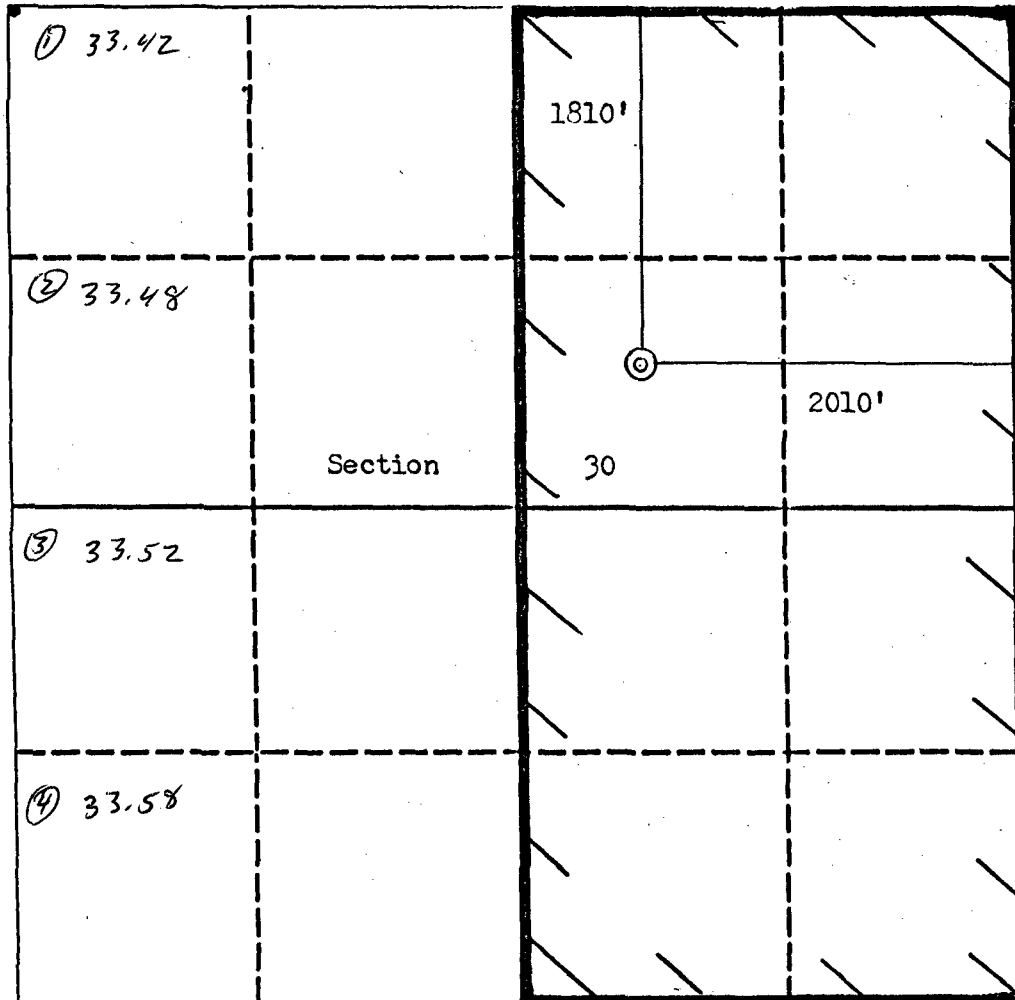
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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. 314
Unit Letter B	Section 30	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well:					
1810 feet from the North line and		2010 feet from the East line			
Ground level Elev. 6517	Producing Formation Fruitland	Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>					



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
Dist. Prod. Mgr.
Company
Mitchell Energy Corp
Date
7/3/91

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.

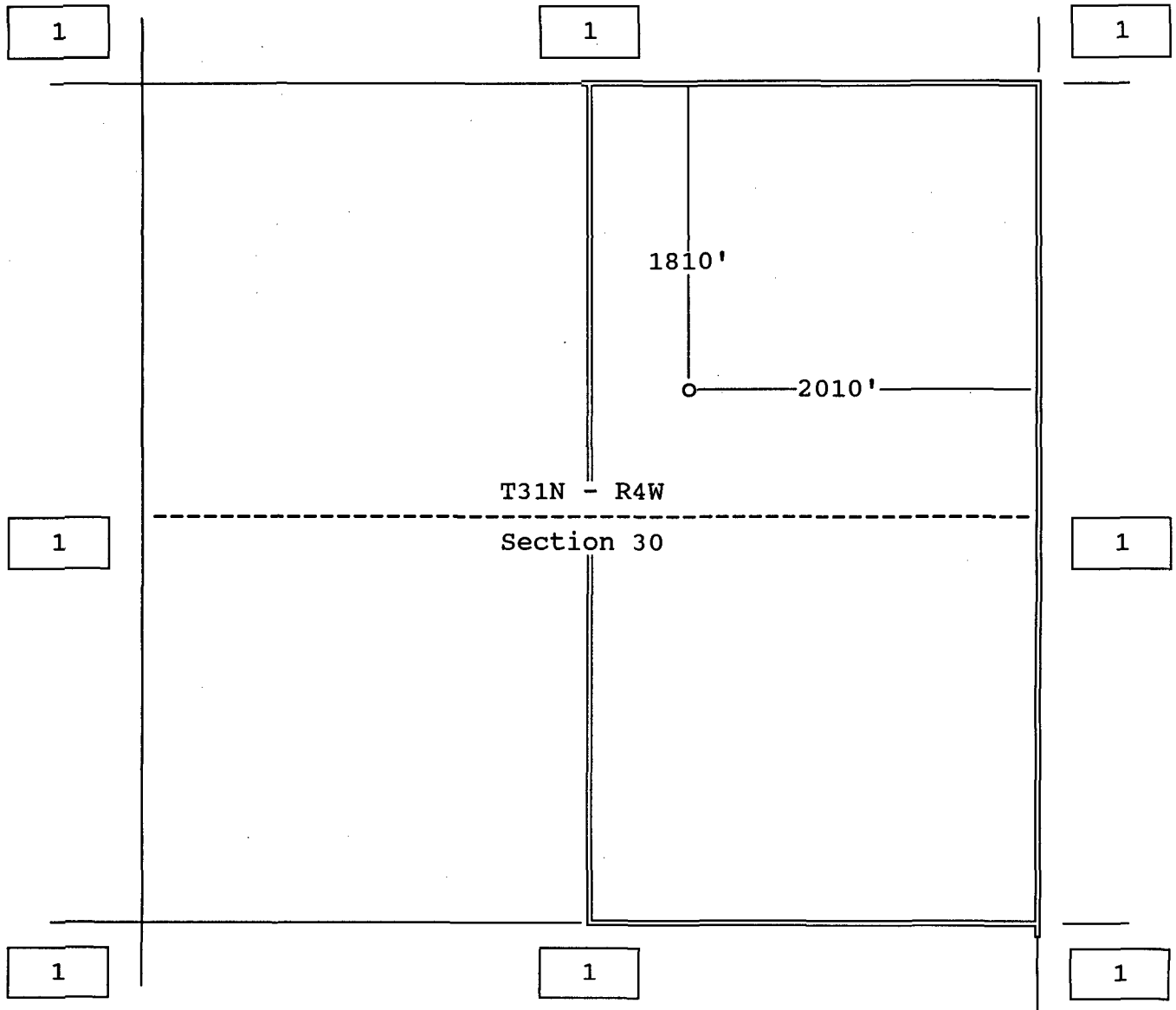
Date Surveyed
7/3/91
Signature & Seal of
Professional Surveyor
11225
REGISTERED PROFESSIONAL SURVEYOR
MAY 16, 1991

Certificate No.
11225
Richard L. Sinkiewicz

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

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 314

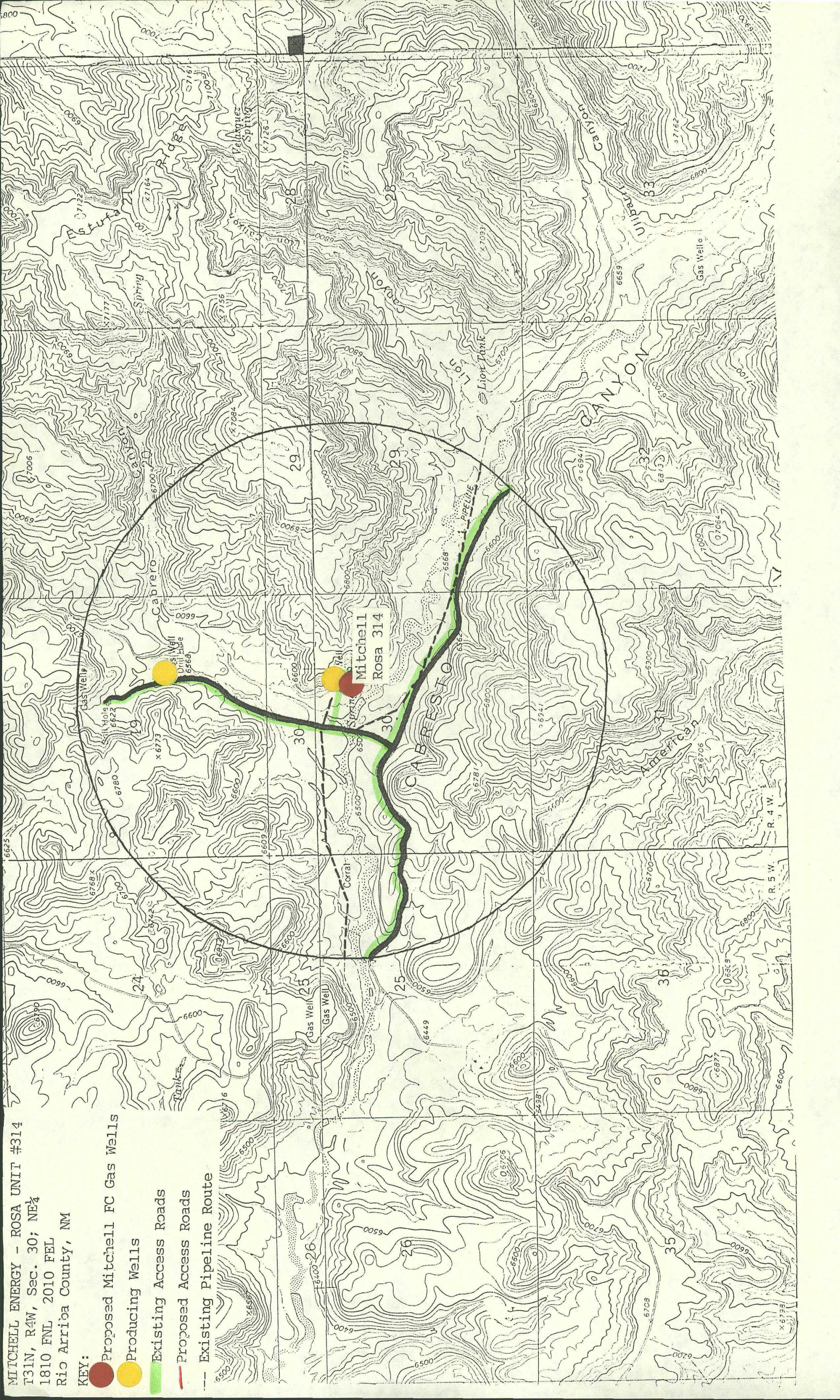


1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

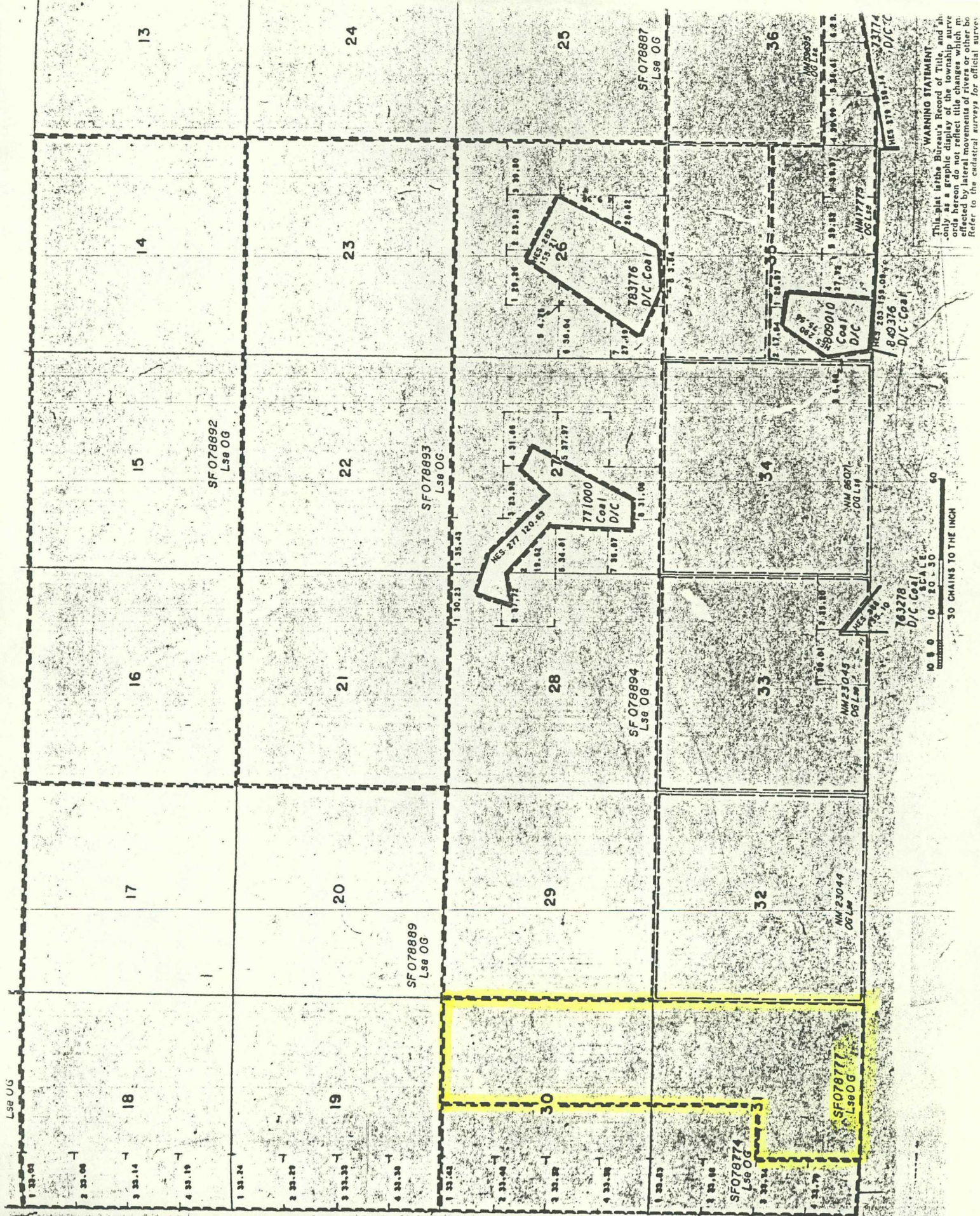
MITCHELL ENERGY - ROSA UNIT #314
T31N, R4W, Sec. 30; NE¼
1810 FNL 2010 FEL
Rio Arriba County, NM

KEY:

- Proposed Mitchell FC Gas Wells
- Producing Wells
- Existing Access Roads
- Proposed Access Roads
- Existing Pipeline Route



Lse UG



adjacent to an existing gas well road and no new access road will be required.

Surveyed Area: A 500 by 500 foot block surrounding the well center stake (5.7 acres) to cover the well pad, construction zone, and buffer zone. A 2200 by 150 foot corridor for proposed access. Total area surveyed covers 13.2 acres.

Results: Three archaeological sites were encountered in this survey area. The three sites (AR 03-02-03-528, AR 03-02-03-529, and AR 03-02-03-530) are described in Appendix A of this report.

MANAGEMENT RECOMMENDATIONS

The three archaeological sites recorded during this survey can be protected during construction and operation of the proposed well. Site specific management recommendations are as follows:

AR 03-02-03-528: This site is located west of the existing Rosa Unit 63 well and to the northwest of the proposed Rosa unit 314 well pad (Figure 3). The northwest edge of the well pad is within 20 feet of the site boundary. A temporary protective fence should be placed between the site and the well pad during construction and the activities should be monitored to insure placement of the fence and to confirm that the site does not extend within the construction zone.

AR 03-02-03-529: The site is located to both sides of the existing road that currently serves the Rosa 63 well and other wells in this area (Figure 4). No apparent cultural features are visible within the road bed or borrow ditches and continued use of the road as needed for construction and operation of the proposed Rosa 314 well pad will not create additional impacts. No further road development should be considered and construction of a pipeline through the site should require additional site evaluation.

AR 03-02-03-530: This site is located just to the west of Forest Route 309e which serves the existing Rosa Unit 63 well pad and will be used to serve the proposed well pad (Figure 5). No further development along the west edge of the road should be allowed.

As no archaeological sites will be adversely affected by this proposed project, archaeological clearance is recommended for the Rosa Unit 314 well pad, and access road. Construction of a pipeline within the road bed may require additional evaluation to confirm that buried cultural deposits do not remain beneath the road through AR 03-02-03-529.



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

'91 AUG 7 AM 8 54

Date: August 2, 1991

AM. S. Fognier

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991

for the Mitchell Energy Corp. Red River #314
OPERATOR LEASE & WELL NO.

B-30-31N-4u and my recommendations are as follows:
UL-S-T-R

Approve

Yours truly,

Ernie V. Basch



OIL CONSERVATION DIVISION
RECEIVED

July 30, 1991

'91 AUG 2 PM 2 31

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #318
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 318. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 318.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 318
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 13: SESW
790' FSL, 2200' FWL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 318 has been chosen in an unorthodox location due to extremely rough terrain and heavy wildlife use in the area. This location was found to be the most feasible in the entire SE 1/4 of Section 13.

The location lies at the east end of a sagebrush flat. The location could not be moved to the west to make it orthodox as the sagebrush flat is used frequently by wildlife and Forest Service Biologist, Joe Harper, would not allow the site to be located any further west into the flat. The Forest Service also requested this location since there will not be any need of new access road - thus limiting disturbance to terrain and wildlife.

A location on the west side of the existing Northwest Pipeline Rosa Unit #61 (Basin Dakota) was also considered, but due to the presence of an archaeological site, this proposed location was abandoned to avoid cultural/archaeological sites.

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 P.O. 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. 318
Unit Letter N	Section 13	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 790 feet from the South line and 2200 feet from the West line					
Ground level Elev. 6539	Producing Formation Fruitland		Basin Fruitland Coal		Dedicated Acreage: 320 Acres

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

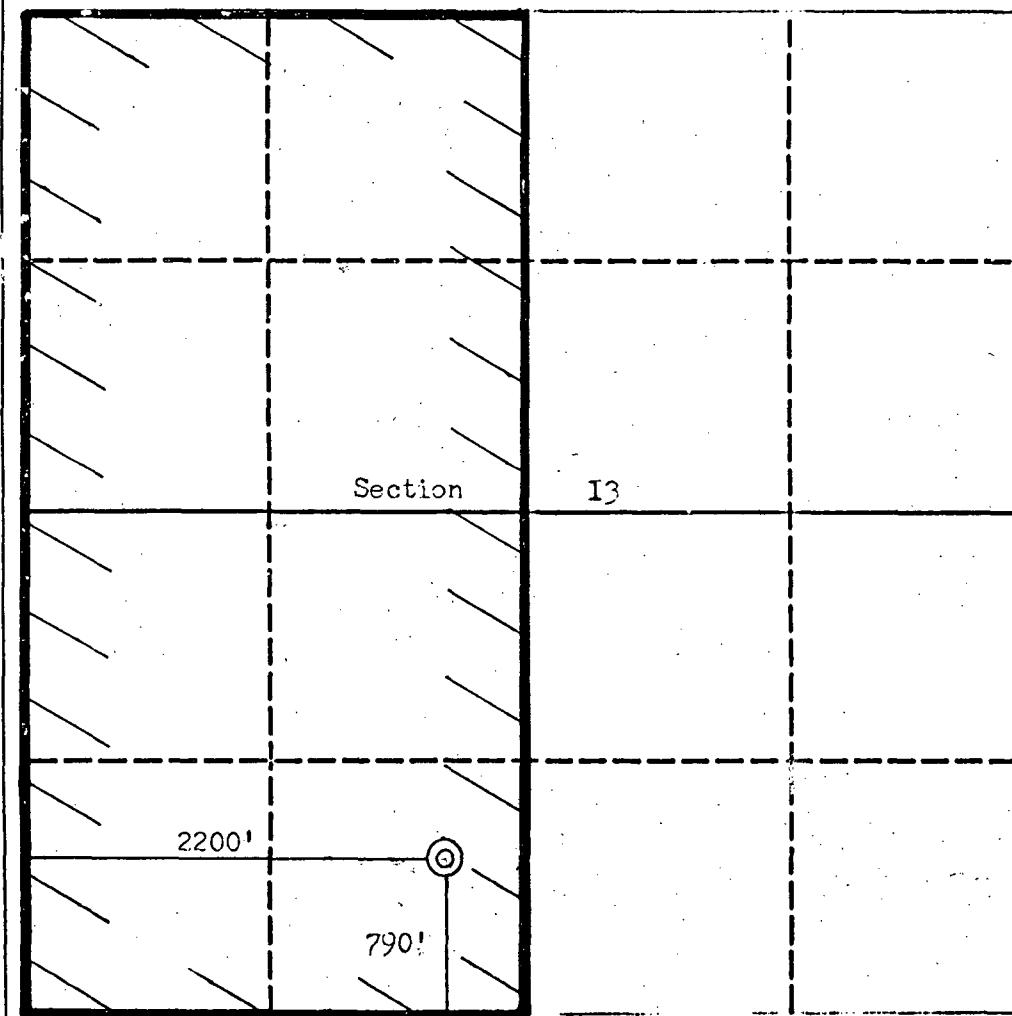
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, 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 communization, 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

Signature & Seal of Professional Surveyor

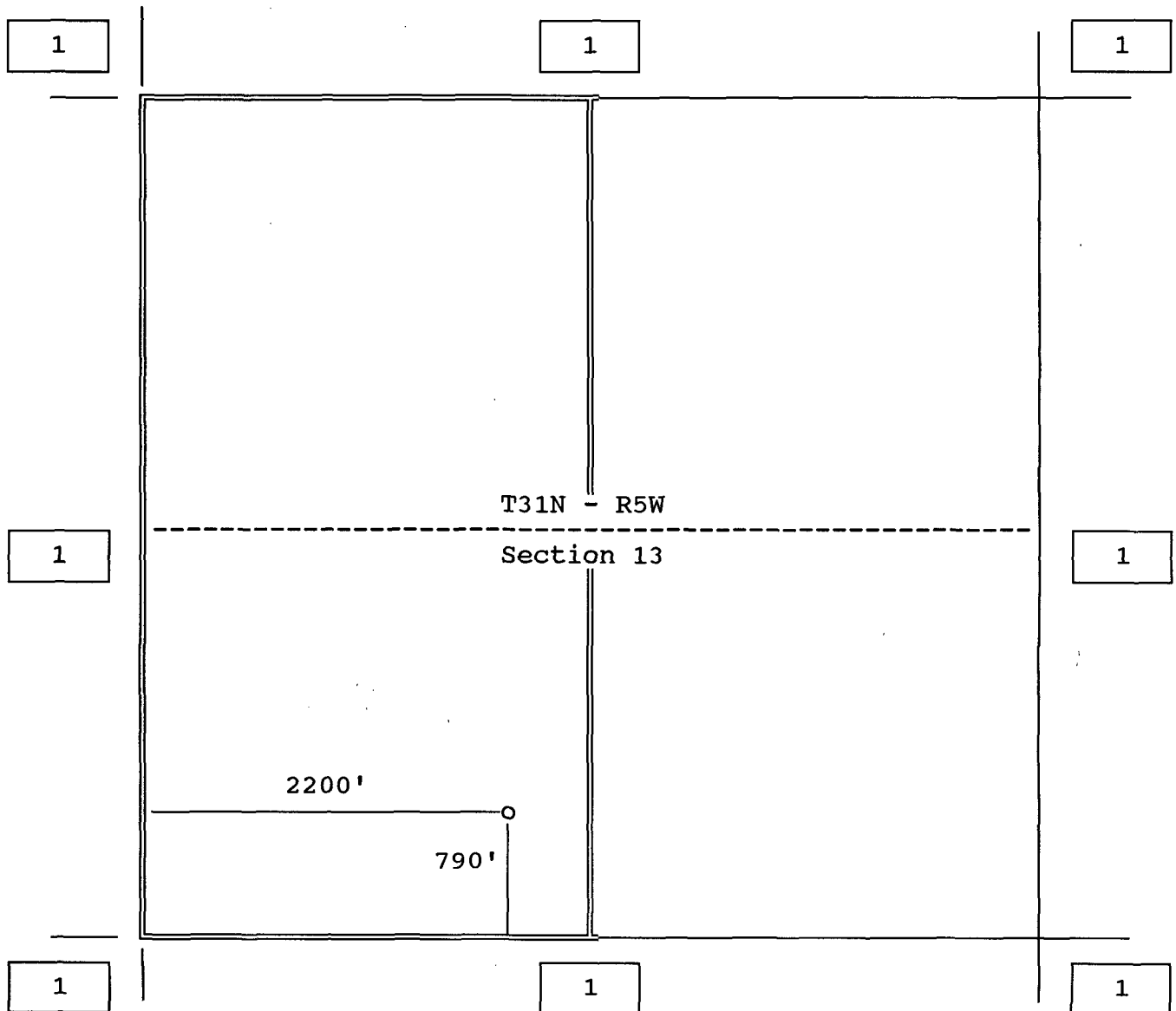
Certificate No.

Richard L Sinkiewicz

Standard 640 acre Section

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 318



1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

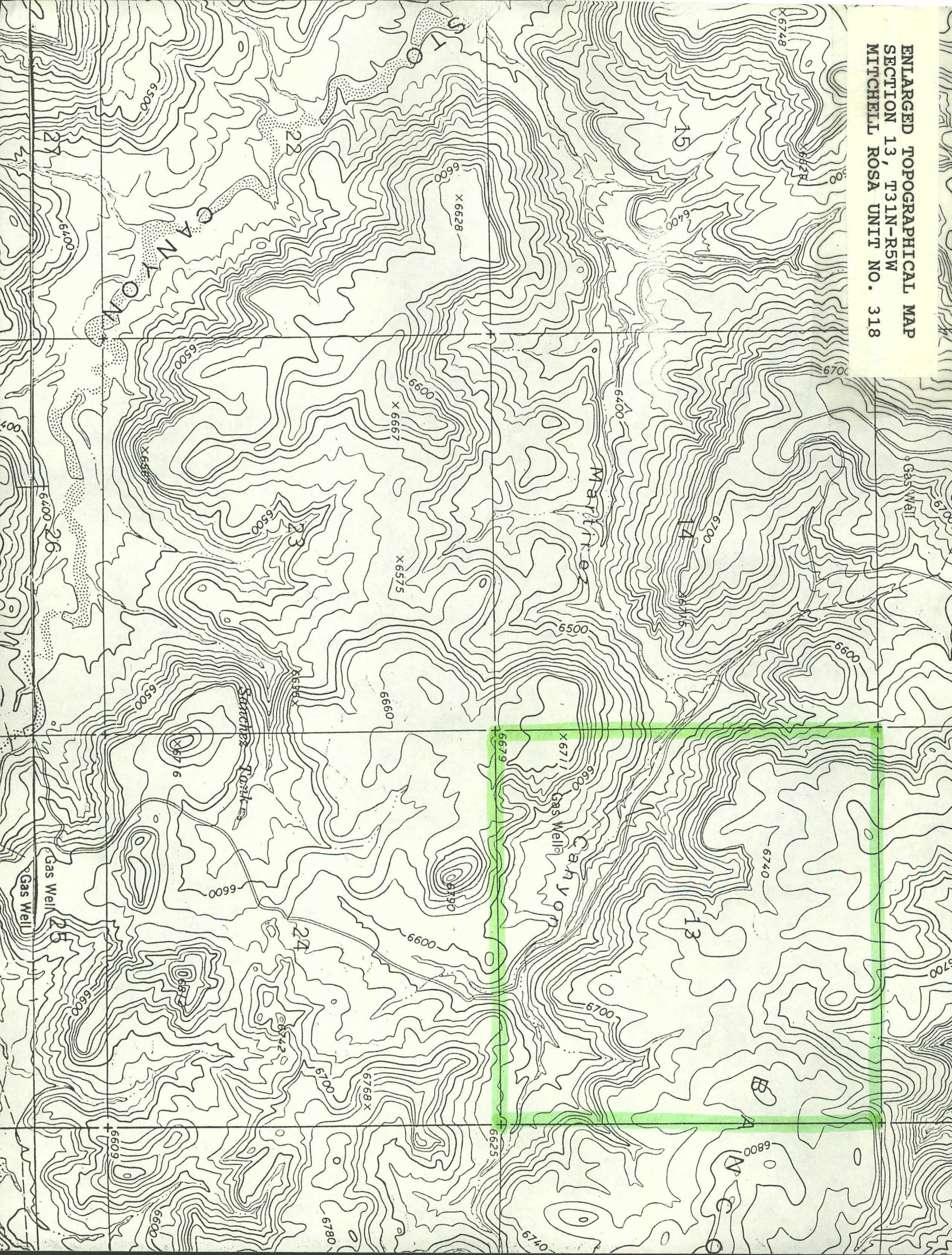


MITCHELL ENERGY - ROSA #318
T31N, R5W, Sec. 13; SW $\frac{1}{4}$
2200' FWL 790' FSL
Rio Arriba County, NM

KEY:

- Proposed Mitchell FC Gas Well
- Producing Wells
- Existing Access Roads
- Proposed Access Roads
- Proposed Pipeline Route

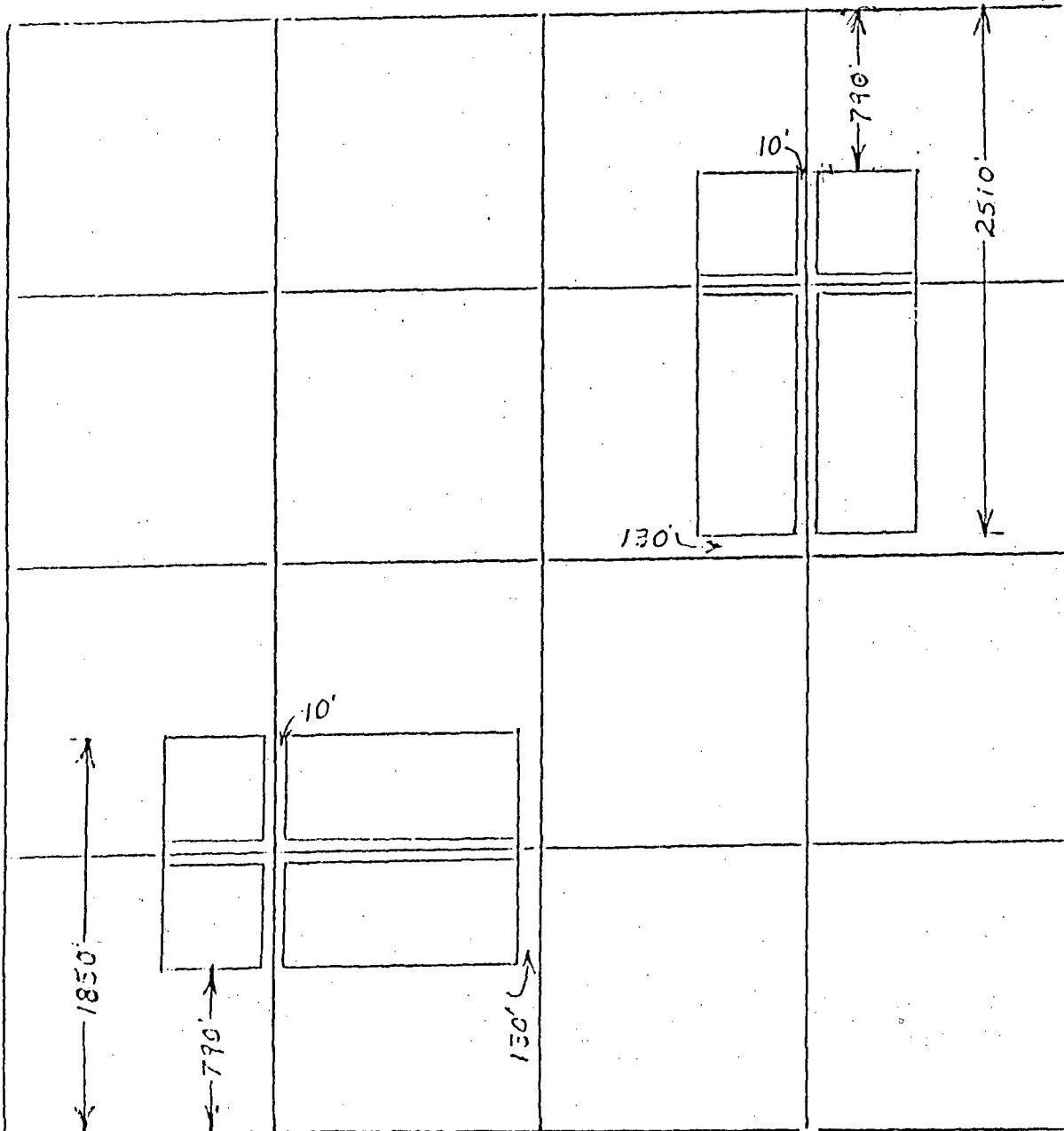
ENLARGED TOPOGRAPHICAL MAP
SECTION 13, T31N-R5W
MITCHELL ROSA UNIT NO. 318



SHIP 31 NORTH, RANGE 5 WEST, OF THE NEW MEXICO PRIN. MERIDIAN,
RIO ARRIBA COUNTY — 039
NM — 1



P



BASIN FRUITLAND COAL GAS POOL
SPECIAL GAS SPACING - - 320.00 CONTIGUOUS ACRES

No closer than 790' to the drill tract outer boundary.
 No closer than 130' to the inner boundary 1/4 section line.
 Wells must have a setback from the 1/4, 1/4, line of at least
 10 feet.

The first well in a section must be located in either the
 NE/4 or SW/4. There is no provision for increased drilling
 density.



SERV. DIVISION

STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

91 AUG 7 AM 8 54

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: August 2, 1991

ATTN:
Mr. Stagner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL 2 _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991
for the Mitchell Energy Corp. Tract Unit # 318
OPERATOR LEASE & WELL NO.

N-13-31N-5W and my recommendations are as follows:
UL-S-T-R

Approve

Yours truly,

Eugene B. Borch

OIL CONSERVATION DIVISION
RECEIVEDB-14-31A-SW
TRIGON ENGINEERING INC

'91 AUG 2 PM 2 31

July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #319
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 319. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell
Energy Corporation's application for an unorthodox location for
Rosa Unit Well No. 319.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 319
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 14: NWNE
352' FNL, 1881' FEL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 319 has been chosen in an unorthodox location due to extremely rugged topography. There are many large washes that run through the base of rocky canyons. After extensive searching, this site is the only feasible location in the NE 1/4 of Section 14 found where a 200' x 200' wellpad could be built.

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. 319
Unit Letter B	Section 14	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 352 feet from the North line and 1881 feet from the East line					
Ground level Elev. 6578	Producing Formation Fruitland		Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres

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

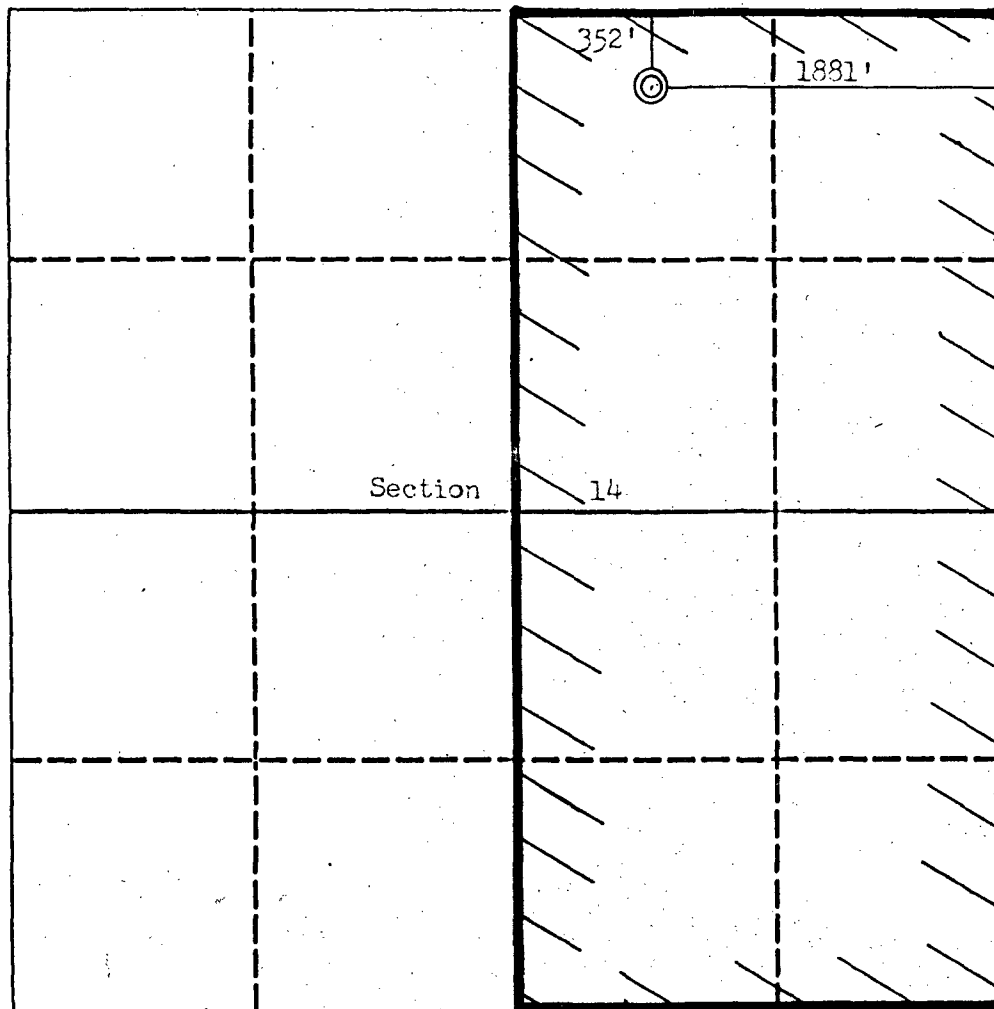
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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
James C. Anderson
Printed Name
James C. Anderson
Position
Dist. Prod. Mgr.
Company
Mitchell Energy Corp.
Date
5/20/91

SURVEYOR CERTIFICATION

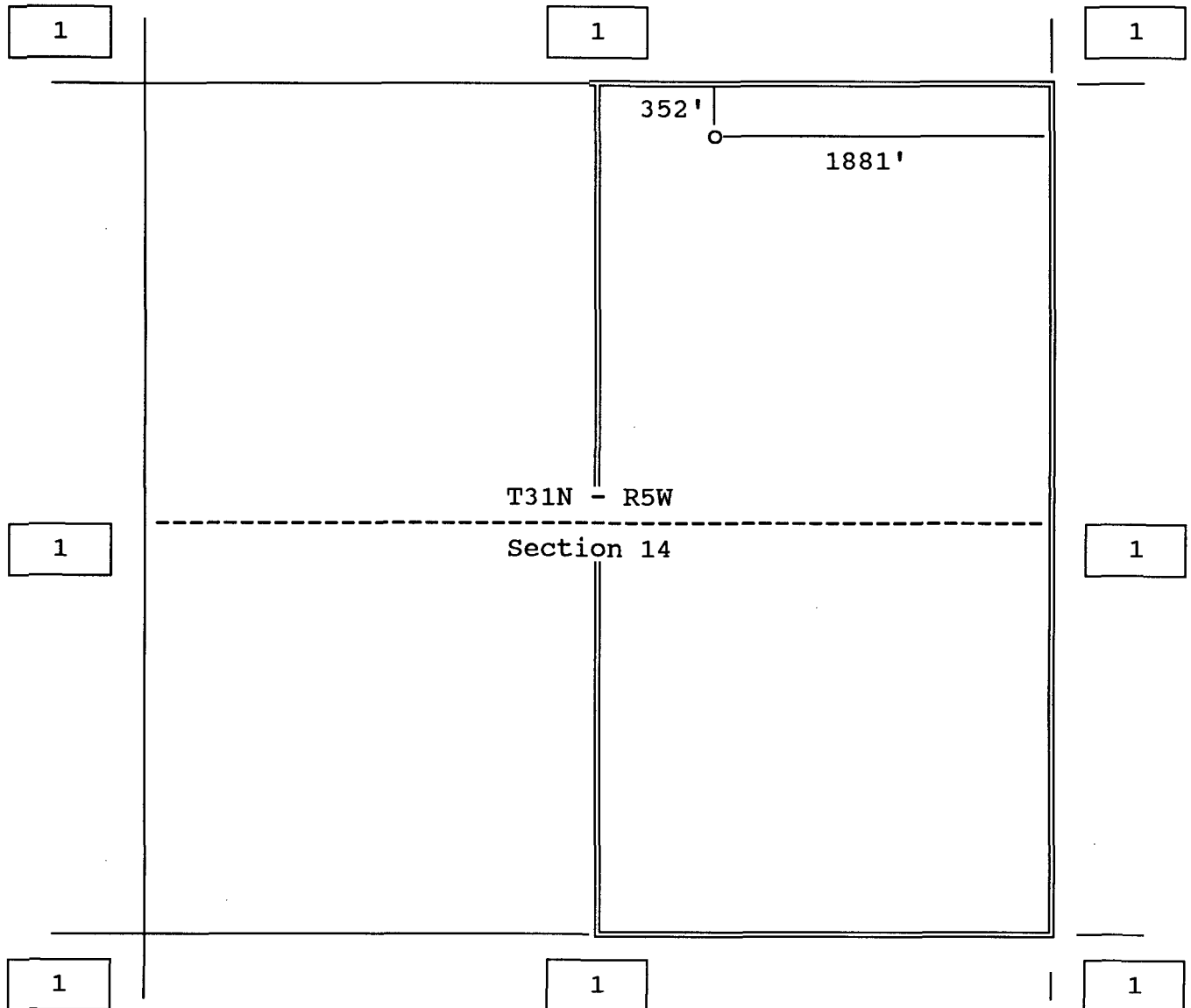
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
APR 25 1991
Signature & Seal of
Professional Surveyor
11225
REGISTERED PROFESSIONAL SURVEYOR
Certificate No. 11225
Richard L. Sinkiewicz

Standard 640 acre Section

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 319



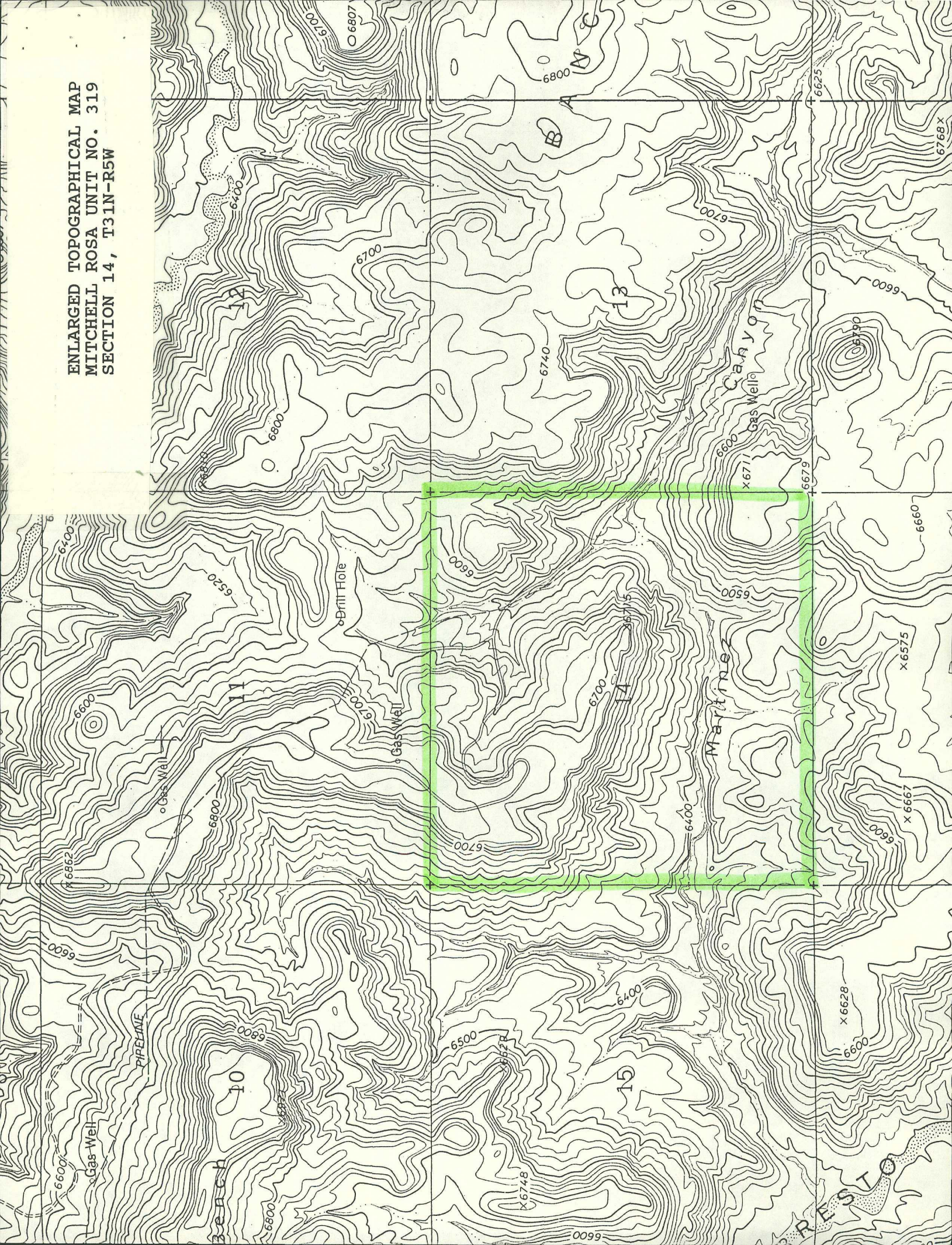
1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

Mitchell Energy - ROSA #319
 T31N, R5W, Sec. 14; NE¼
 352' FNL, 1881' FEL
 Rio Arriba County, NM

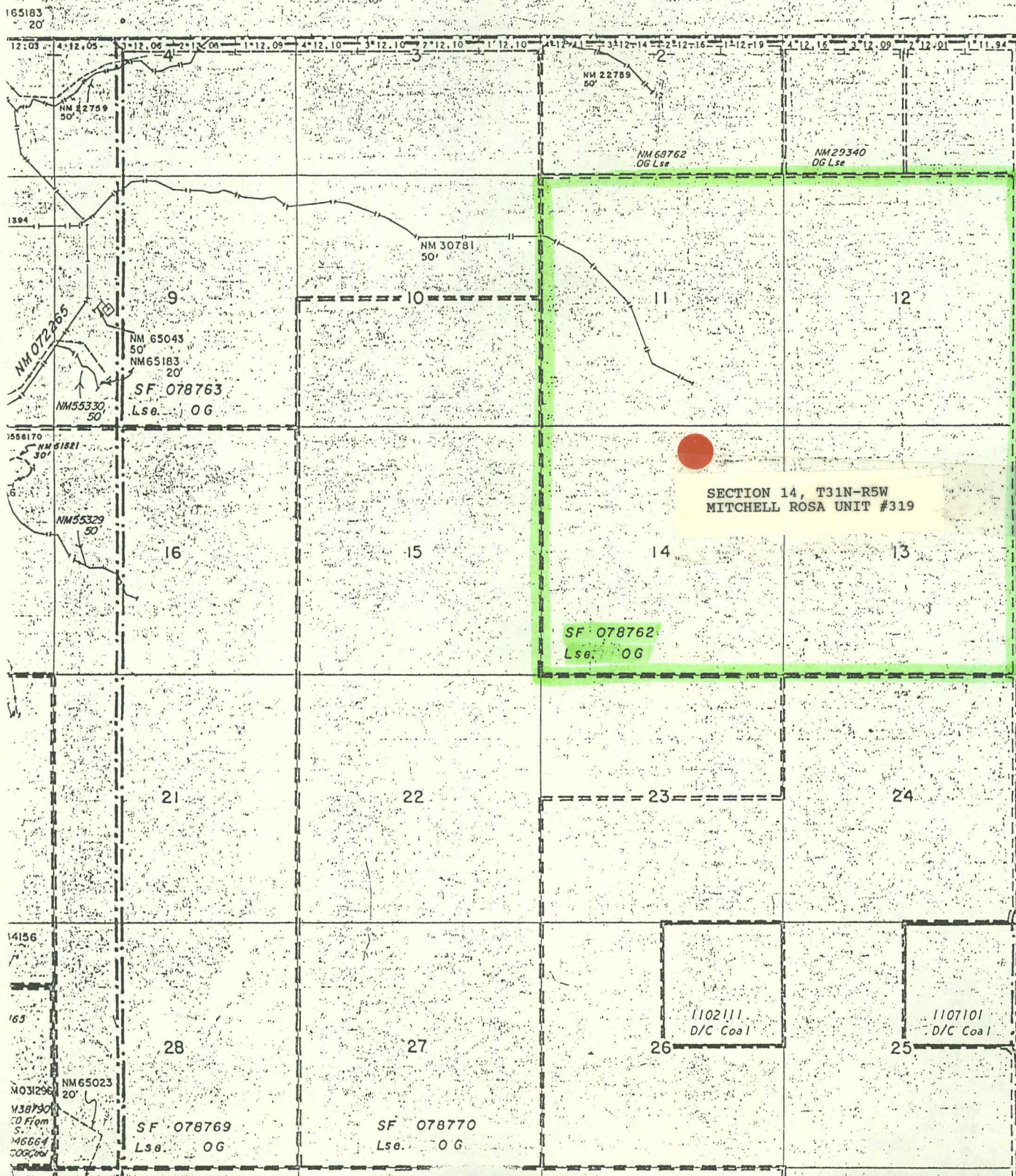
KEY:
 ● Proposed Mitchell FC Gas Well
 ● Producing Wells
 — Existing Access Roads
 — Proposed Access Roads
 --- Existing Pipeline Route



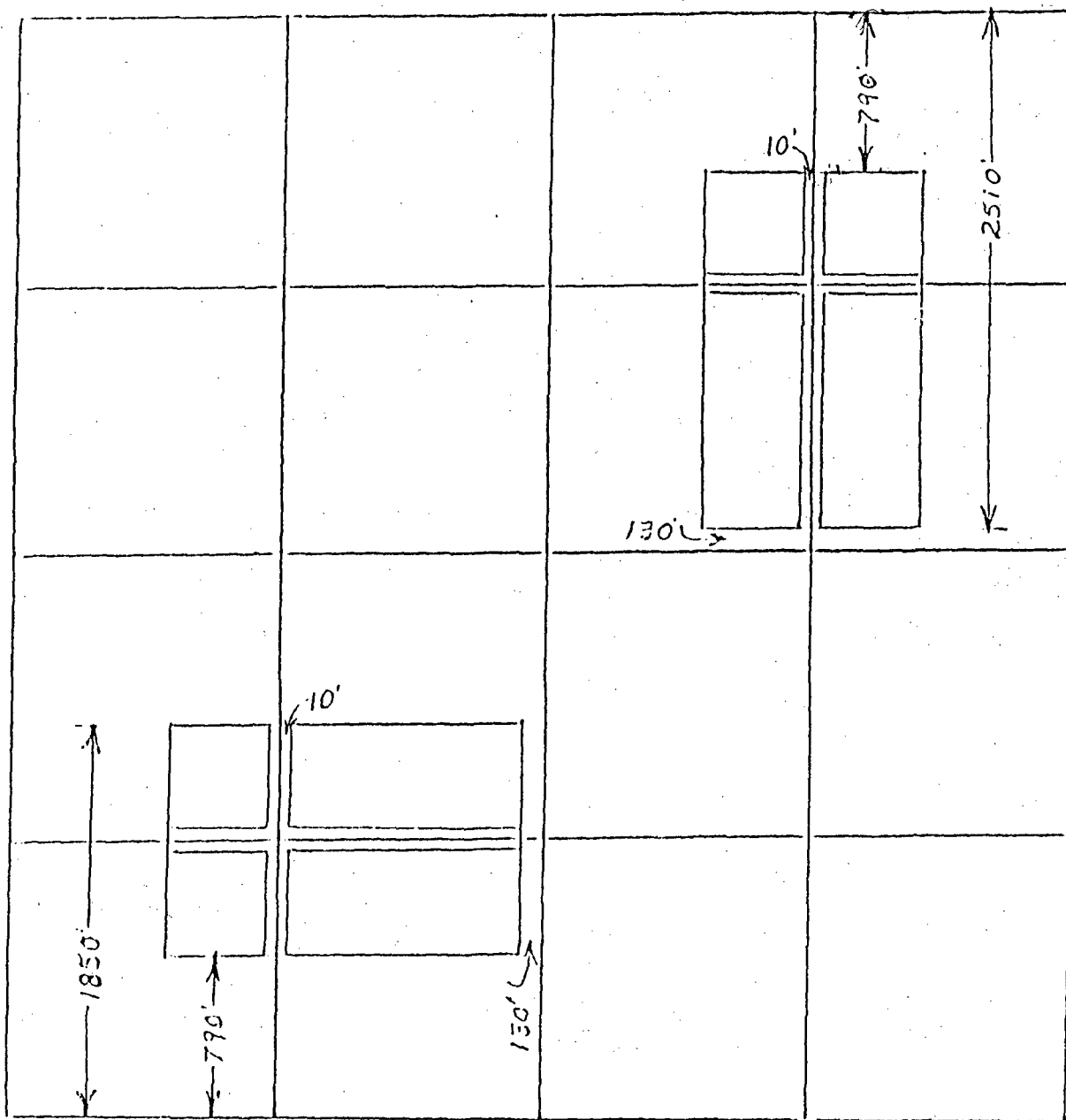
ENLARGED TOPOGRAPHICAL MAP
MITCHELL ROSA UNIT NO. 319
SECTION 14, T31N-R5W



NM-1



P



BASIN FRUITLAND COAL GAS POOL
SPECIAL GAS SPACING - - 320.00 CONTIGUOUS ACRES

No closer than 790' to the drill tract outer boundary.
No closer than 130' to the inner boundary 1/4 section line.
Wells must have a setback from the 1/4, 1/4, line of at least
10 feet.

The first well in a section must be located in either the
NE/4 or SW/4. There is no provision for increased drilling
density.



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

RECEIVED

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

'91 AUG 7 AM 8 54

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Attn: Mr. Stogner

Date: August 2, 1991

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991
for the Mitchell Energy Corp Rosalia #319
OPERATOR LEASE & WELL NO.

B-14-31N-5W and my recommendations are as follows:
UL-S-T-R

Require Mitchell to show cause why they
cannot Directionally Drill to an Oil Layer
BH

Yours truly,

Emile Brach



OIL CONSERVATION DIVISION
RECEIVED

'91 AUG 2 PM 2 31

July 31, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

**Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #324
Meridian Oil Gathering, Inc. - Rosa Unit Operator**

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 324. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 324.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 324
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 24: NESW
1800' FSL, 2050' FWL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 324 has been chosen in an unorthodox location due to rough terrain and concerns of the Forest Service regarding wildlife. At the request of the Forest Service, the site was located at the edge of a sagebrush slope rather than toward the center (which would be more standard) to prevent disturbance to the wildlife using the sagebrush slope. Also, by locating the site at the edge of the sagebrush slope, we can use Forest Service Road 309 as the northwest boundary of the wellpad - thus making it unnecessary to build additional access road which would cause disturbance to the terrain and wildlife.

A location to the south and west of the chosen location was considered, but due to the presence of several large washes, this site was determined to be unfeasible.

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

EXHIBIT NO. 3

Page 1 of 2

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

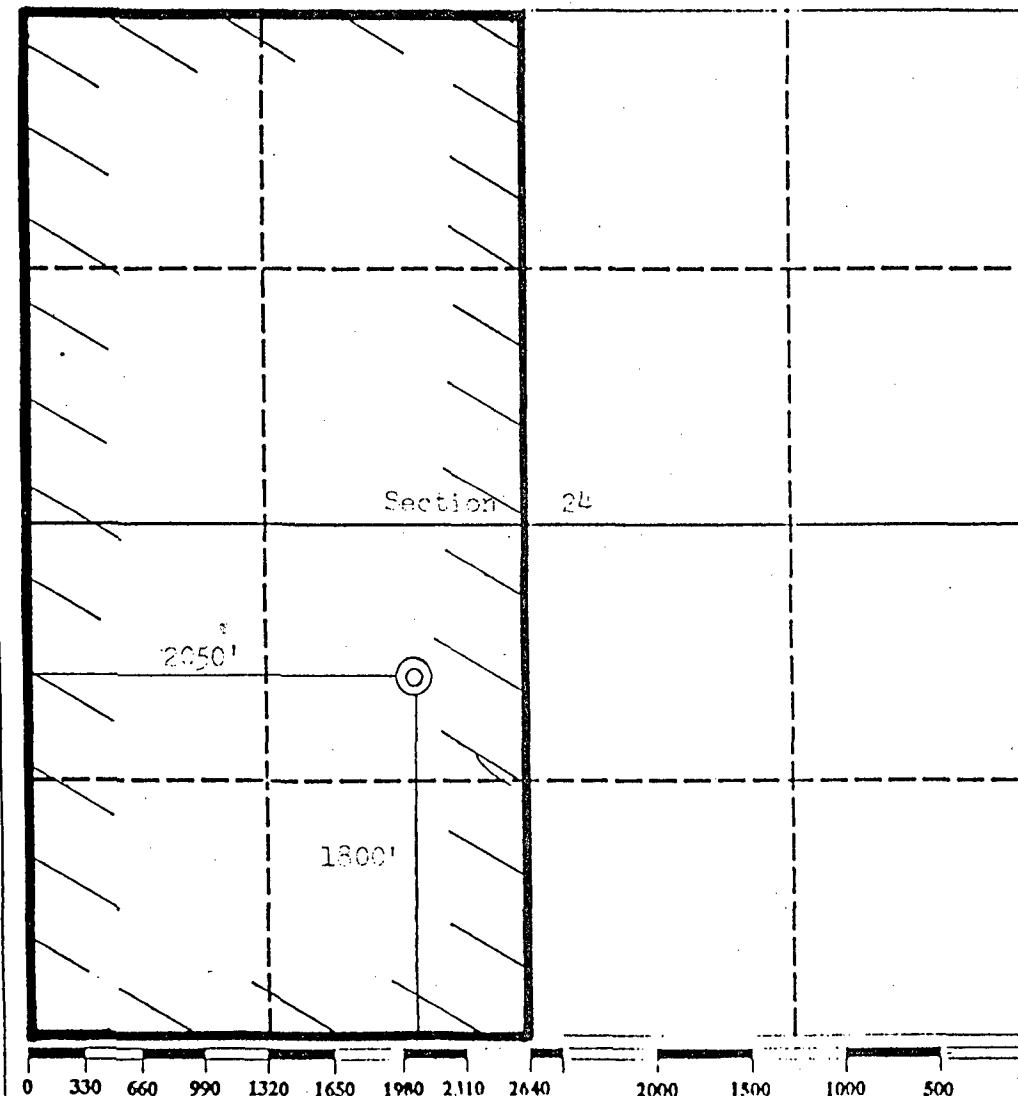
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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. 324
Unit Letter K	Section 24	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 1800 feet from the South line and 2050 feet from the West line					
Ground level Elev. 6612	Producing Formation Fruitland	Basin Fruitland Coal		Dedicated Acreage: 320 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 communization, 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 communization, 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
James C. Anderson
Printed Name
James C. Anderson
Position
Dist. Prod. Mgr.
Company
Mitchell Energy Corp.
Date
5/20/91

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.

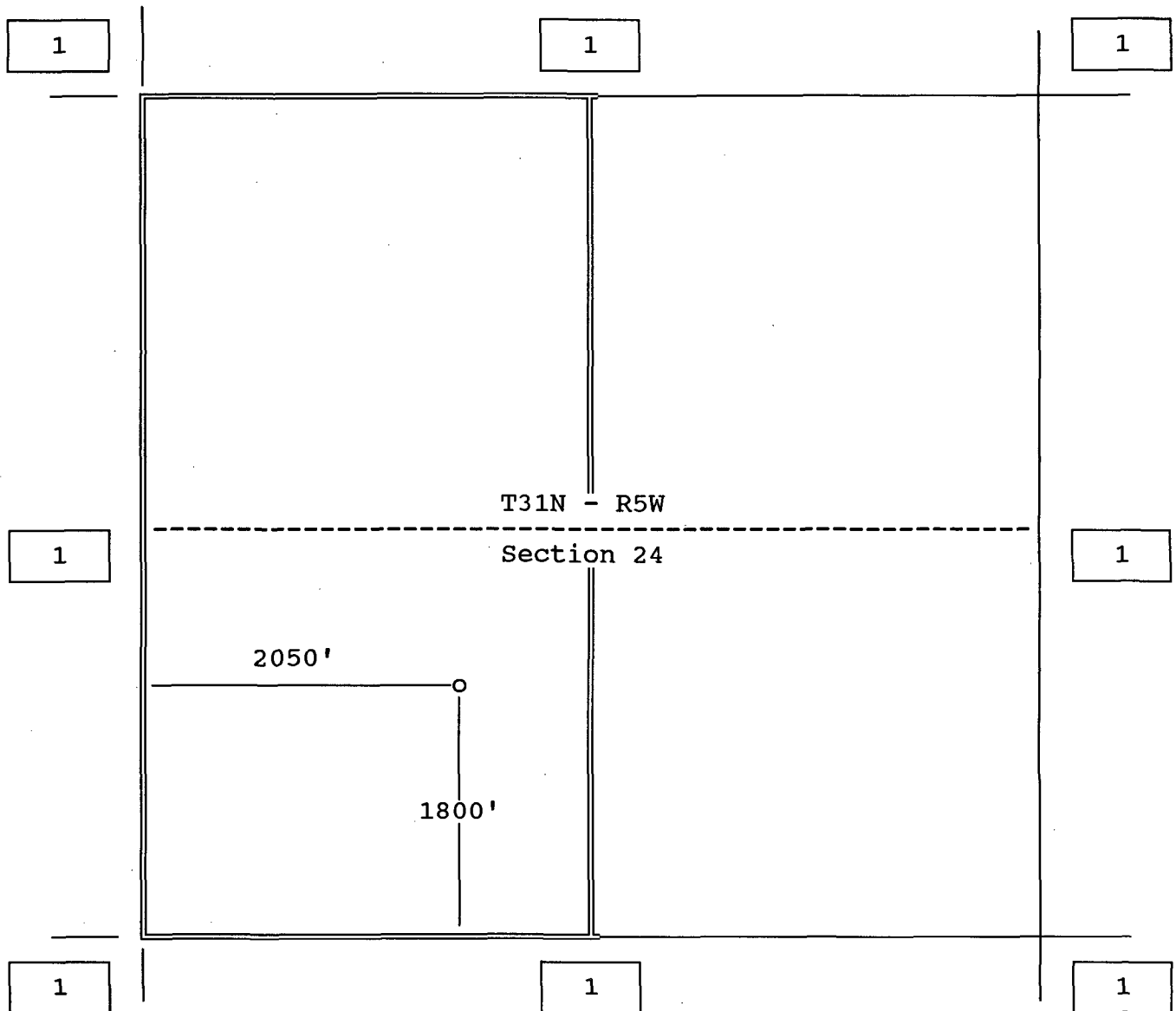
Date Surveyed
April 28, 1991
Signature & Seal of Professional Surveyor
Richard L. Sinkiewicz
11225
REGISTERED PROFESSIONAL SURVEYOR

Certificate No. 11225
Richard L. Sinkiewicz

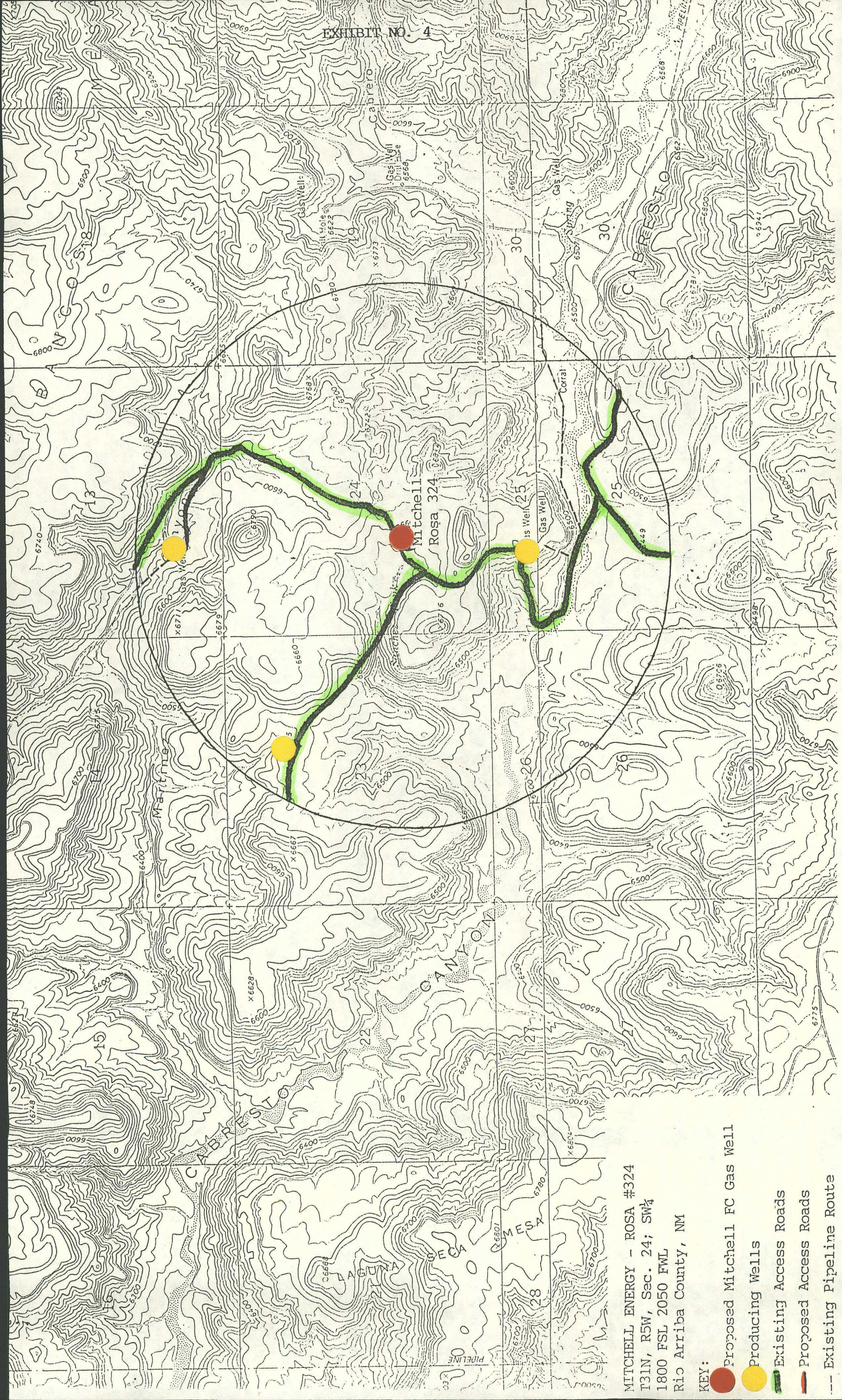
Standard 640 acre Section

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 324



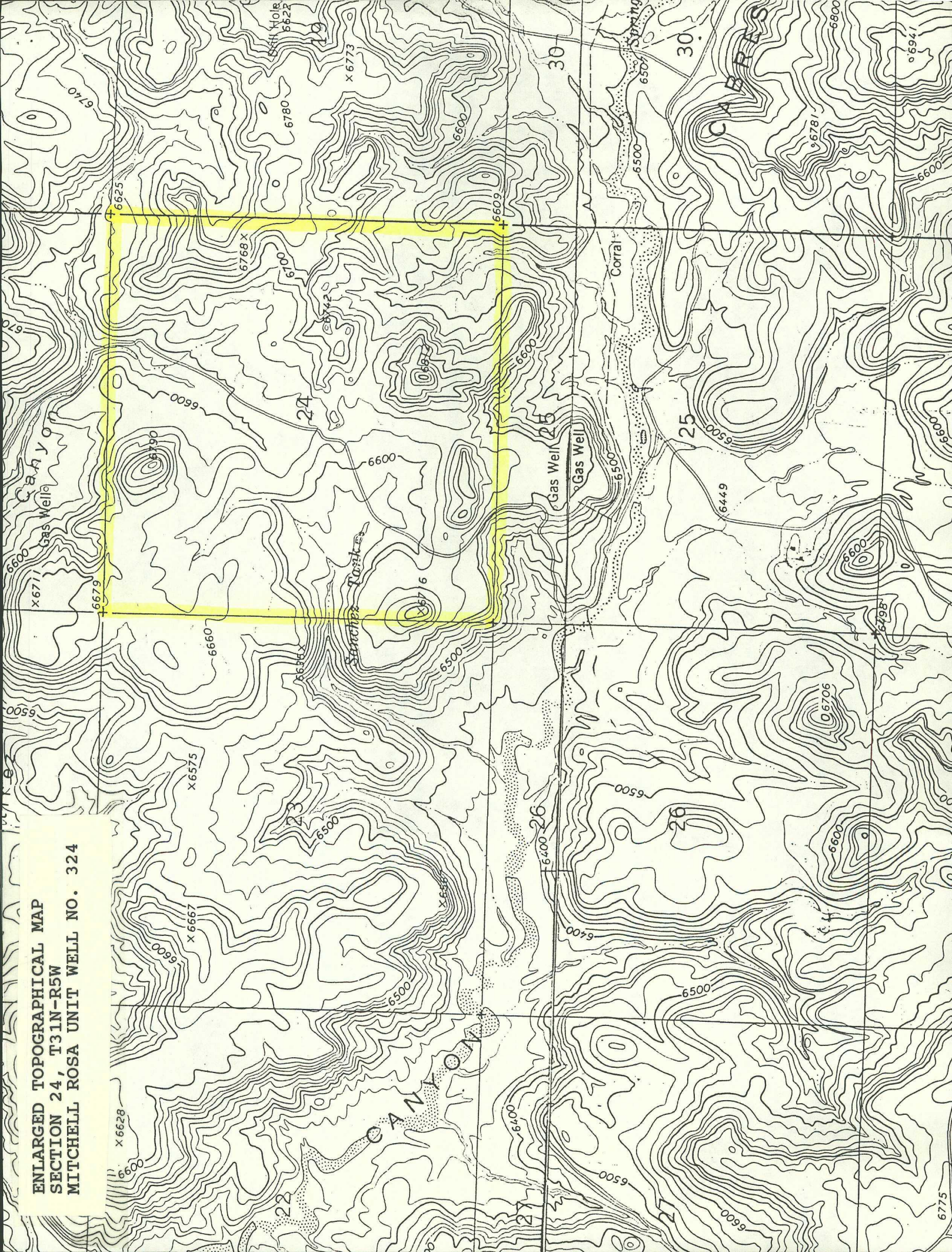
1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

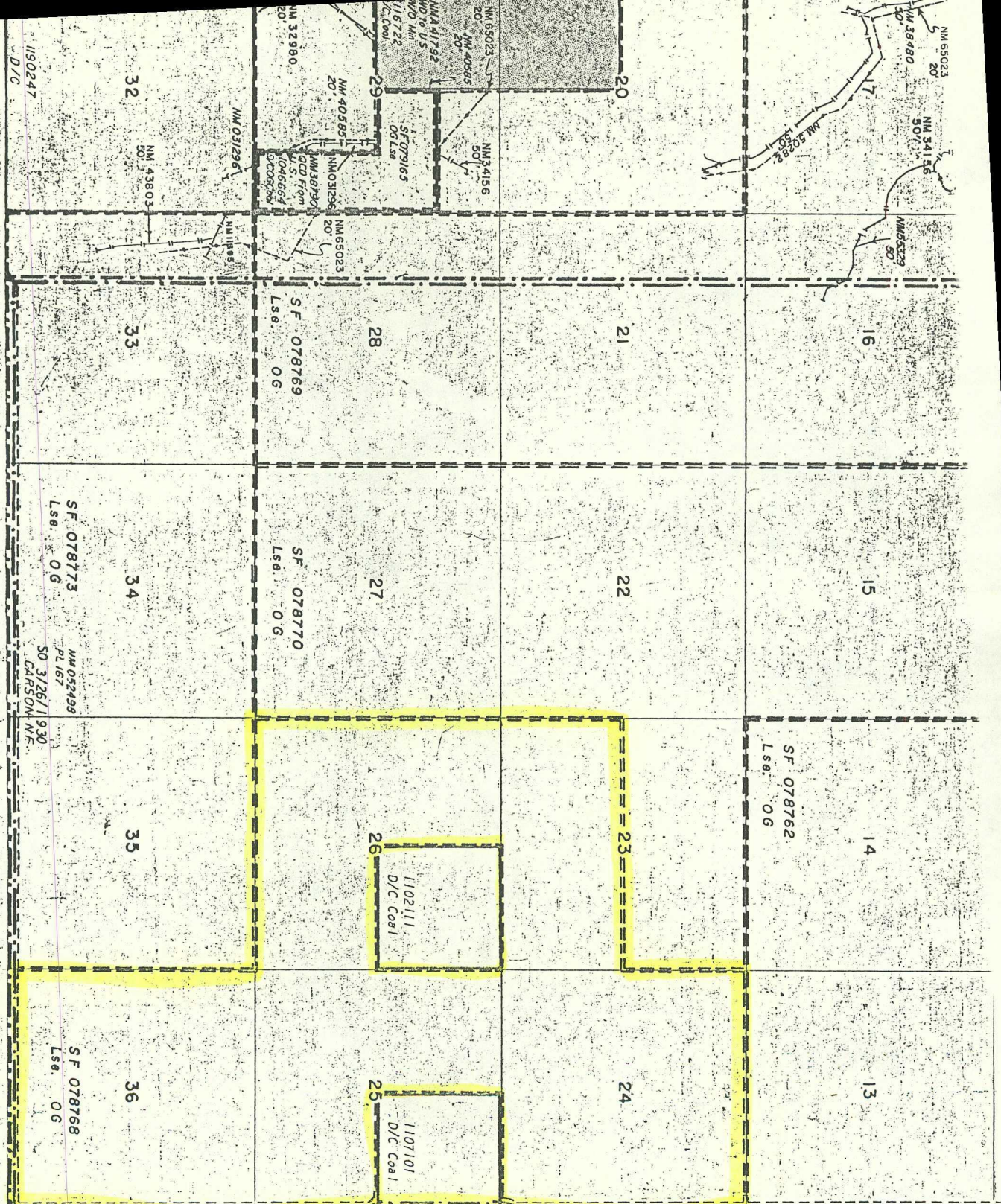


MITCHELL ENERGY - ROSA #324
T31N, R5W, Sec. 24; SW $\frac{1}{4}$
1800 FSL 2050 FWL
Rio Arriba County, NM

- KEY:
- Proposed Mitchell FC Gas Well
 - Producing Wells
 - Existing Access Roads
 - Proposed Access Roads
 - Existing Pipeline Route

ENLARGED TOPOGRAPHICAL MAP
SECTION 24, T31N-R5W
MITCHELL ROSA UNIT WELL NO. 324





SCALE
0 10 20 30
105 0. 10 20 30
30 CHAINS TO THE INCH

WARNING STATEMENT

This plat is the Bureau's Record of Title, and should be used only as a graphic display of the township survey data. Records hereon do not reflect title changes which may have been effected by lateral movements of rivers or other bodies of water. Refer to the cadastral surveys for official survey information.

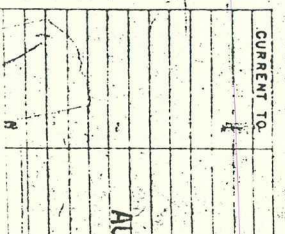
Lot. 36° 52' N
Long. 107° 20' W

KGS

- Sec. 2, Lots 1-4, S2
- Sec. 3, Lots 1-4, S2
- Sec. 4, Lots 1-4, S2
- Sec. 5, Lots 1-4, S2
- Sec. 6, Lots 1-5, S2
- Sec. 7, Lots 1-4, E2
- Sec. 8-17, inclusive: All
- Sec. 18, Lots 1-4, E2
- Sec. 19, Lots 1-4, E2
- Sec. 20-29, inclusive: All
- Sec. 30, Lots 1-4, E2
- Sec. 31, Lots 1-4, E2
- Sec. 32-36, inclusive: All

CARRACAS CANYON UNIT AGREEMENT
Agreement No. 14-08-0001-19596
Sec. 1-2, inclusive: All

CURRENT TO





STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

'91 AUG 7 AM 8 54

Date:

August 2, 1991

14714:
E. M. Stogner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991
for the Witchell Energy Corp. Rosal Unit #324
OPERATOR LEASE & WELL NO.

K-24-31N-5W and my recommendations are as follows:
UL-S-T-R

Approve

Yours truly,

Ernie Bruch

OIL CONSERVATION DIVISION
RECEIVED

July 31, 1991

'91 AUG 2 PM 2 31

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #345
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 345. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 345.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 345
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 19: SESW
110' FSL, 1622' FWL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 345 has been chosen in an unorthodox location due to rugged topography and the presence of several archaeological sites. This location is the only feasible location in the quarter section where the terrain is not too rocky, there are no washes, and we are able to avoid the archaeology. Also, the Forest Service is very concerned with the length of new access roads being built, and this location allows us to use the shortest possible route.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

EXHIBIT NO. 3

PAGE 1 OF 2

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

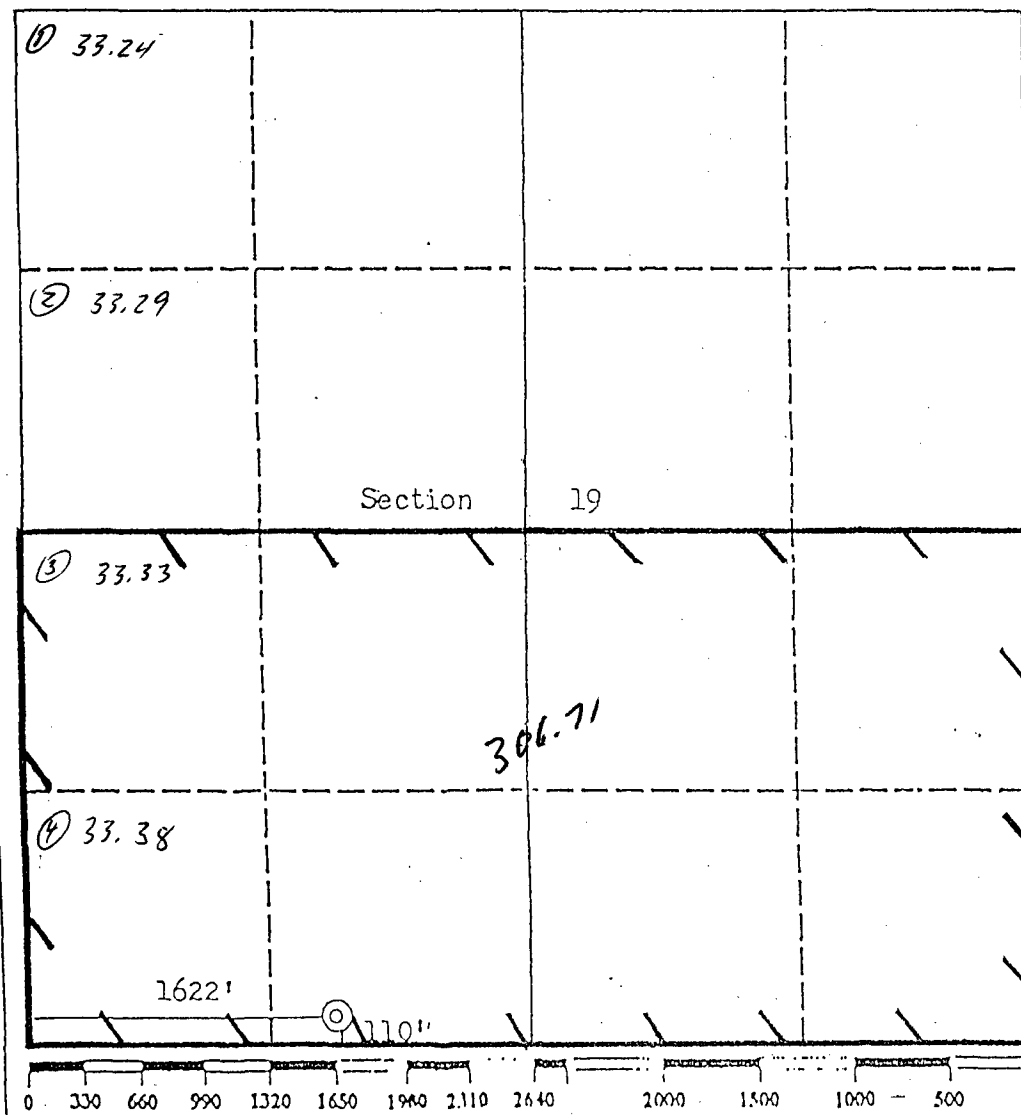
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

MITCHELL ENERGY CORPORATION
ROSA UNIT NO. 345

Operator Mitchell Energy Corporation			Lease Rosa Unit		Well No. 345
Unit Letter N	Section 19	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 110 feet from the South line and 1622 feet from the West line					
Ground level Elev. 6548		Producing Formation Fruitland		Dedicated Acreage: 320 Acres	
Basin Fruitland Coal					

- 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
James C. Anderson
Printed Name
James C. Anderson
Position
Dist. Prod. Mgr.
Company
Mitchell Energy Corp
Date
7/10/91

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
June 20, 1991
Signature
Frederick H. Reed
Signature & Seal of
Professional Surveyor

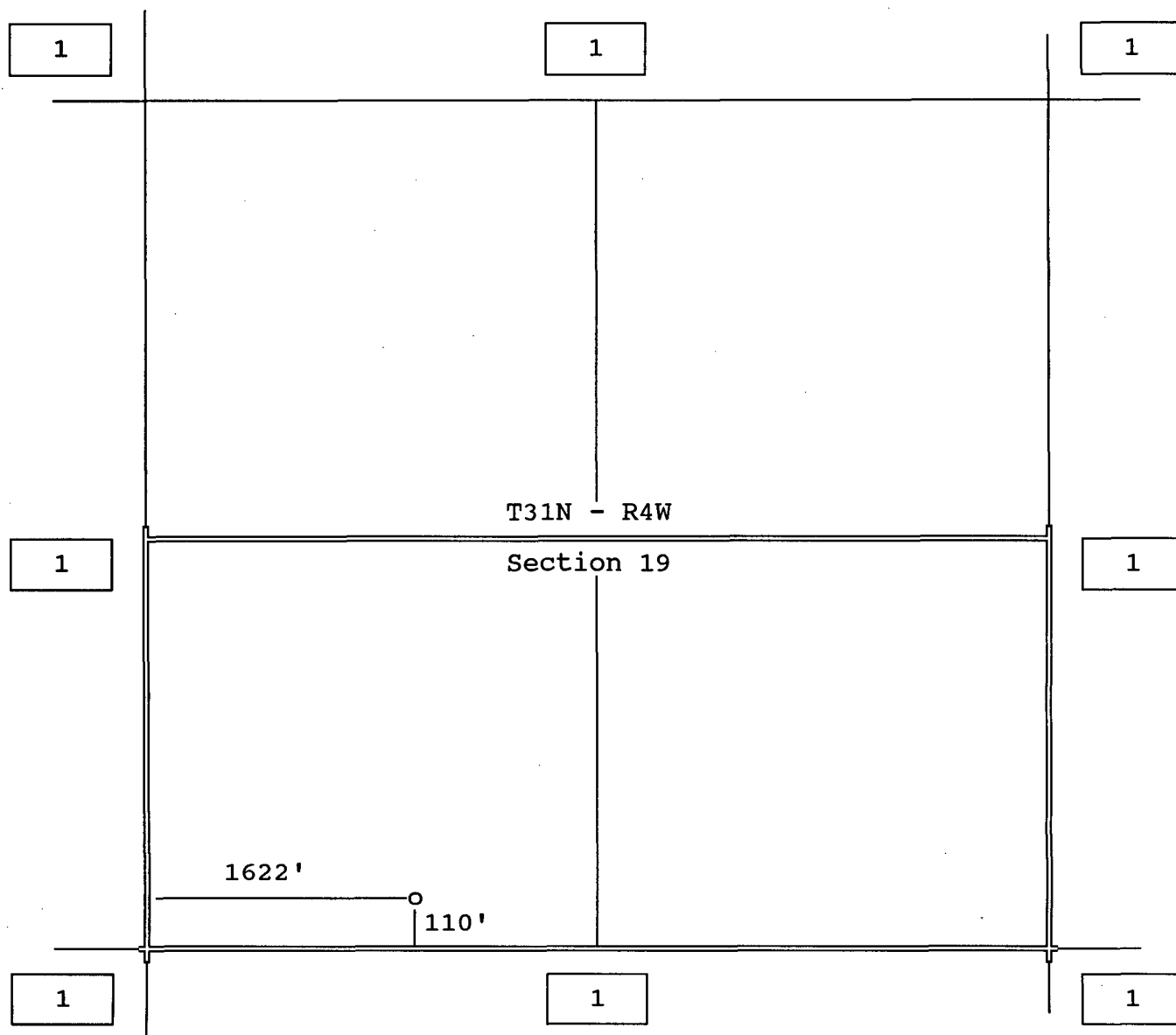
Certificate No.

3795

Frederick H. Reed

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 345

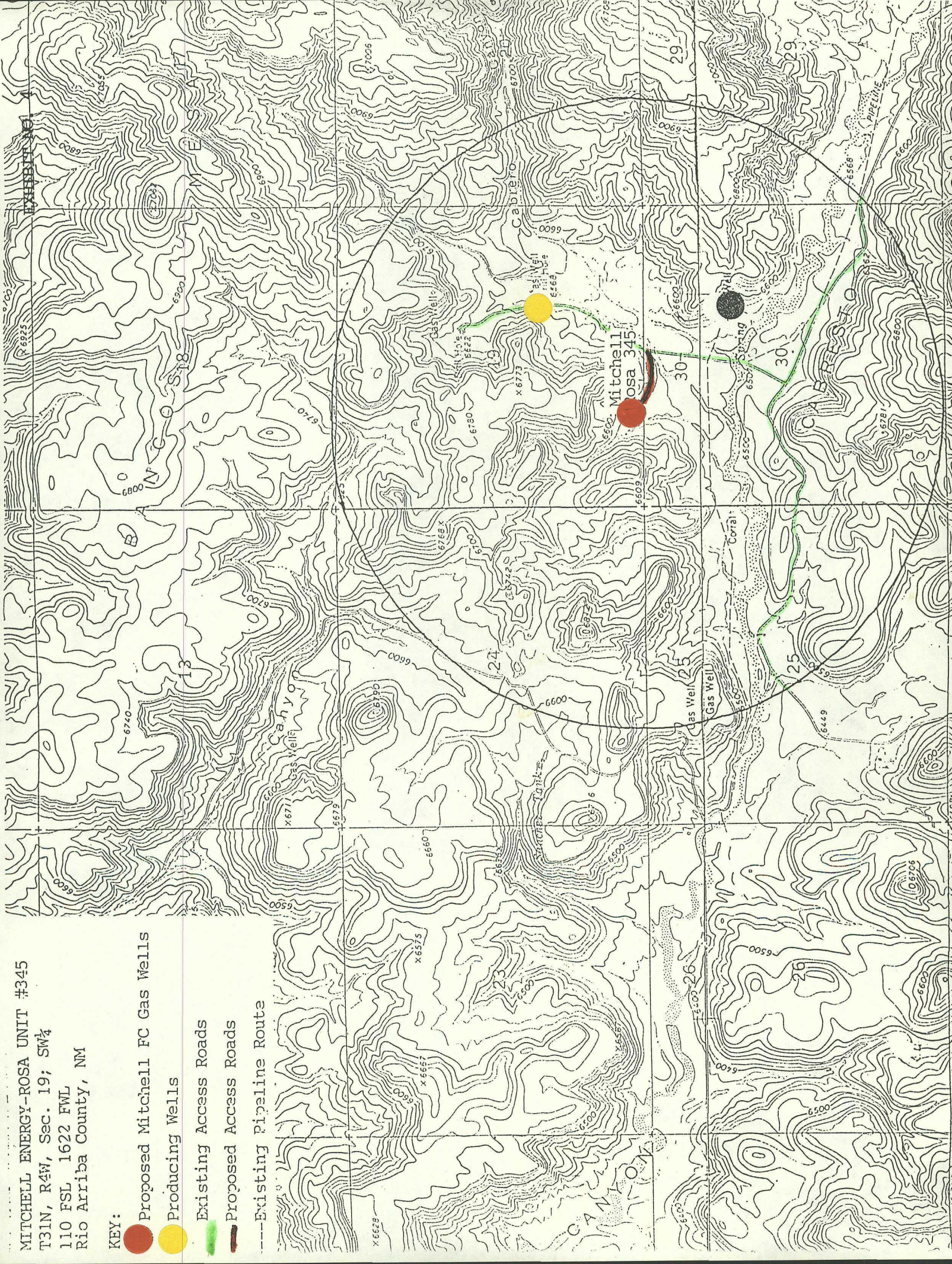


1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

MITCHELL ENERGY-ROSA UNIT #345
T31N, R4W, Sec. 19; SW $\frac{1}{4}$
110 FSL 1622 FWL
Rio Arriba County, NM

KEY:

- Proposed Mitchell FC Gas Wells
- Producing Wells
- Existing Access Roads
- Proposed Access Roads
- Existing Pipeline Route



SF078890
Lse OG

18

17

16

15

14

SF 078888
Lse OG

SF 078892
Lse OG

19

20

21

22

23

MITCHELL ENERGY CORPORATION
Rosa Unit #345
T31N-R4W, Sec. 19: SW 1/4

SF 078889
Lse OG

SF 078893
Lse OG

30

29

28

27

26

SF 078894
Lse OG

771,000
Coal
D/C

763,776
Coal
D/C

SF078774
Lse OG

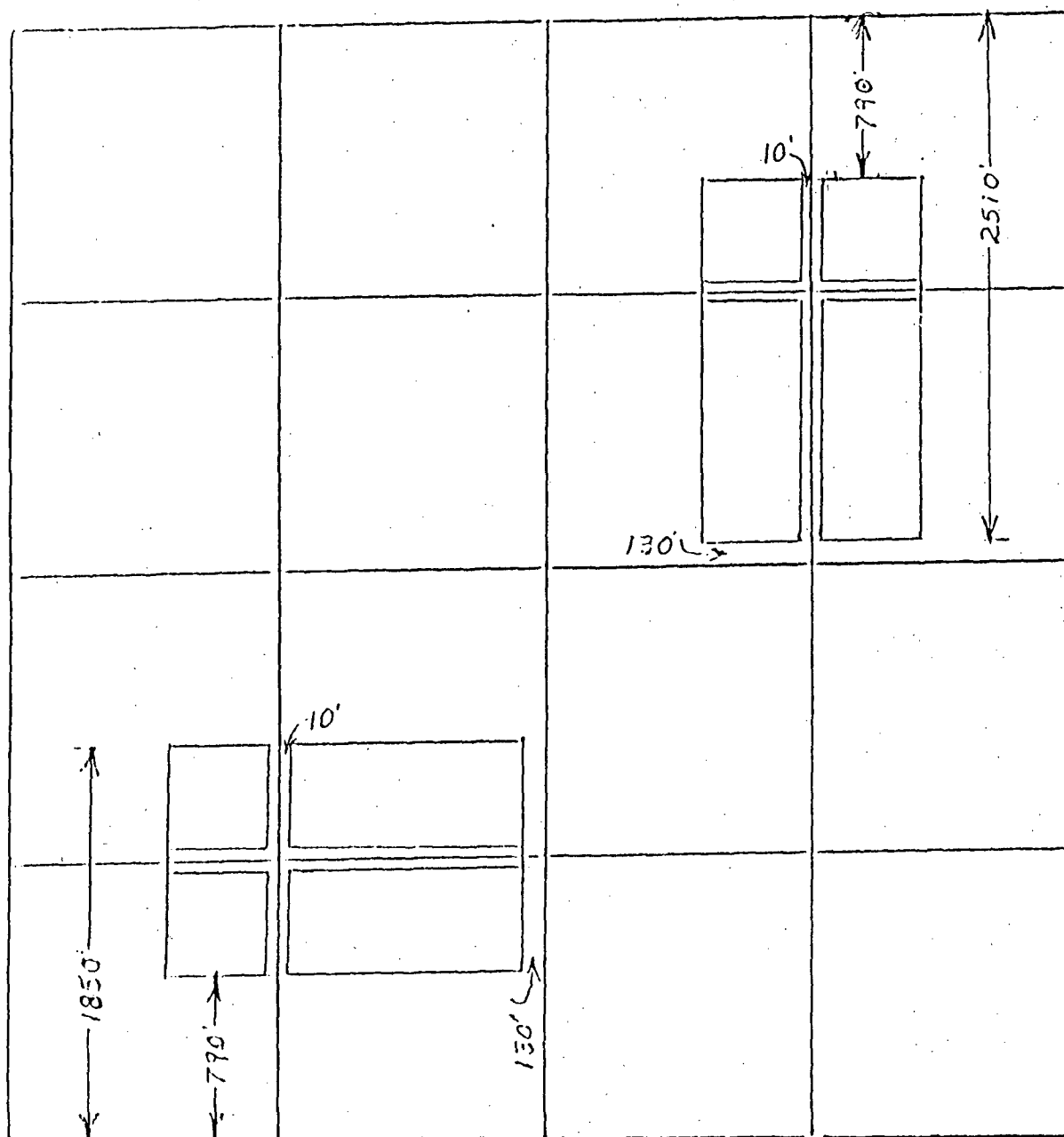
32

33

34

35

P



BASIN FRUITLAND COAL GAS POOL
SPECIAL GAS SPACING - - 320.00 CONTIGUOUS ACRES

No closer than 790' to the drill tract outer boundary.
 No closer than 130' to the inner boundary 1/4 section line.
 Wells must have a setback from the 1/4, 1/4, line of at least 10 feet.

The first well in a section must be located in either the NE/4 or SW/4. There is no provision for increased drilling density.



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

'91 AUG 7 AM 8 54

Date:

August 7, 1991

ATTN:

M. Stogner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 7, 1991
for the Witchell Energy Corp. Perm. Unit #345
OPERATOR LEASE & WELL NO.

N-19-31N-4W and my recommendations are as follows:
UL-S-T-R

Apparent Operator Require Witchell to
show how well well shouldn't be
directly drilled.

Yours truly,

Eric Busch



August 8, 1991

OIL CONSERVATION DIVISION
RECEIVED

'91 AUG 12 AM 9 39

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

**Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #352
Meridian Oil Gathering, Inc. - Rosa Unit Operator**

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 352. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, and Nassau Resources, Operator of the Carracas Unit, will receive copies of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 352.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____



COPY

August 8, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #352
Nassau Resources - Carracas Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 352. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, and Nassau Resources, Operator of the Carracas Unit, will receive copies of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Nassau Resources.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell
Energy Corporation's application for an unorthodox location for
Rosa Unit Well No. 352.

BY: _____
TITLE: _____
Nassau Resources
Operator, Carracas Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 352
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 4 West
Section 5: NWNE
1345' FNL, 1935' FEL

FACTORS DETERMINING UNORTHODOX LOCATION:

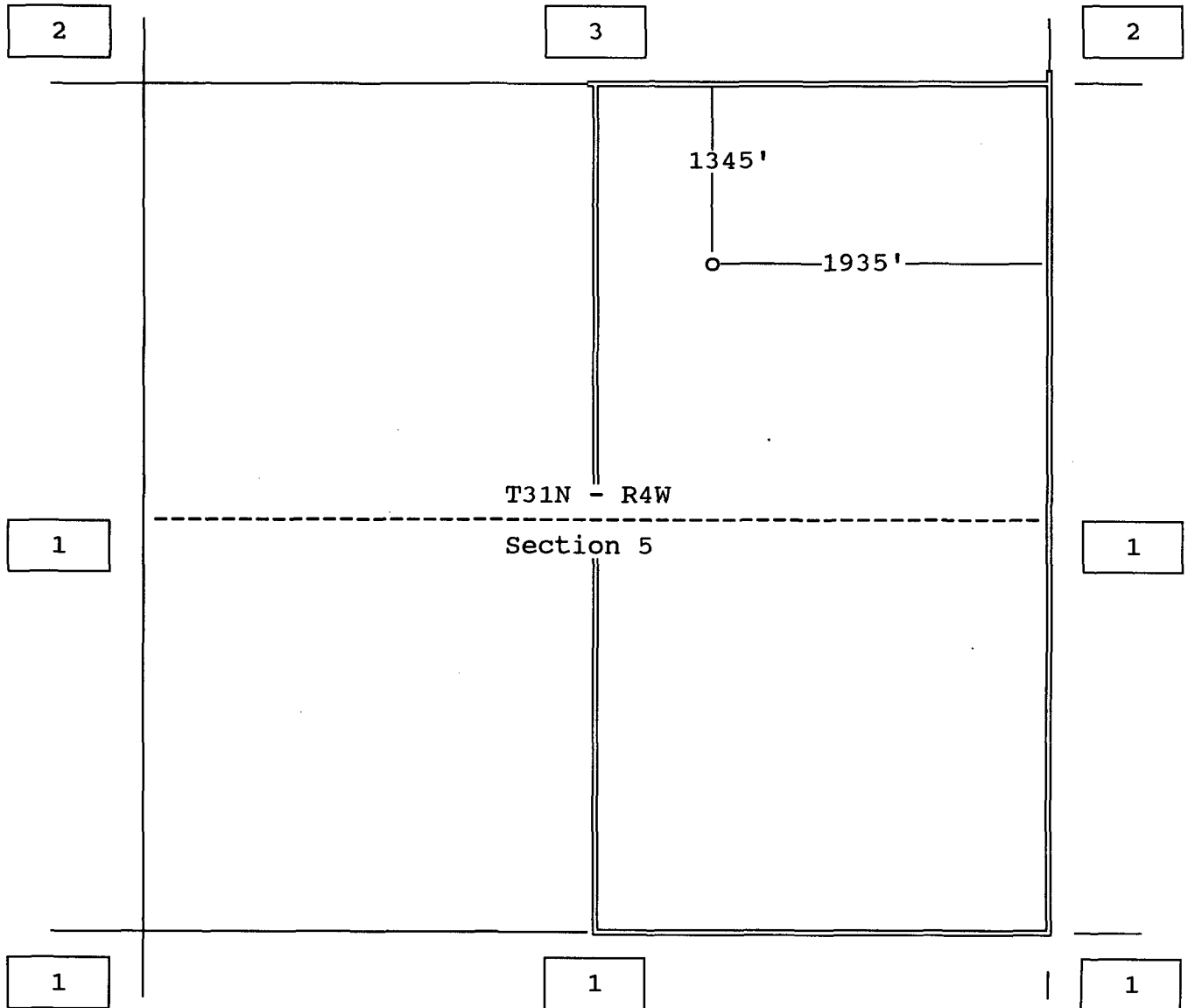
The site for the Mitchell Energy Corporation Rosa Unit Well No. 352 has been chosen in a slightly unorthodox location due to rocky/mountainous topography and the presence of several archaeological sites in the area.

During a preliminary archaeological clearance of the area surrounding the proposed well location, the area to the immediate east and southeast were avoided due to indications of archaeological sites.

If moved to the east, the location would be extremely close to the edge of the mesa which would be ecologically unfeasible due to the possibility of overflow spillage into the wash. The Forest Service also recommends that the well pad not be located near the edge of the Mesa because of its high visibility to the canyon and to the adjacent mesa.

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 352



1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit
2. Offset Owner - Nassau Resources
Operator of the Carracas Unit
3. Federal Land - Unleased Minerals

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

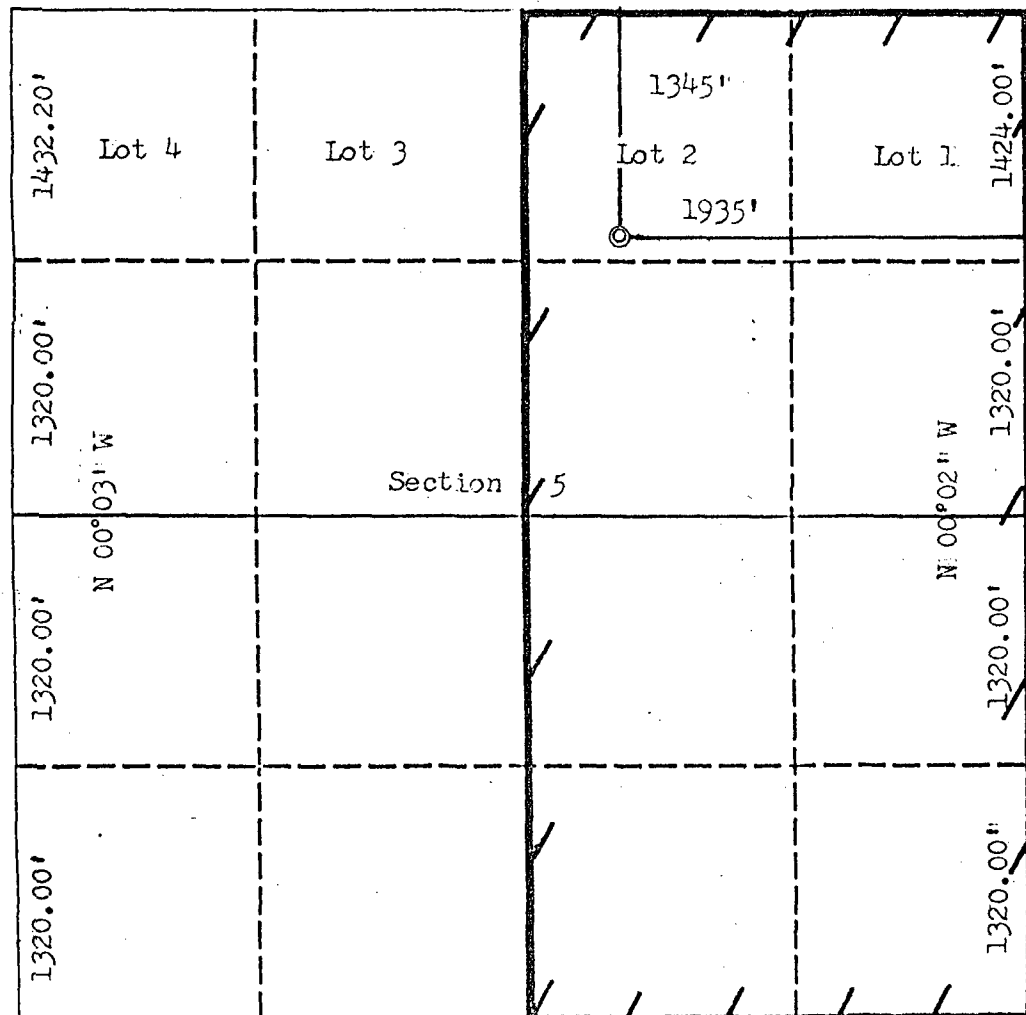
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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. 352
Unit Letter B	Section 5	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 1345 feet from the North line and 1935 feet from the East line					
Ground level Elev. 7125	Producing Formation Fruitland		Basin Fruitland Coal		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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
James C. Anderson
Printed Name
James C. Anderson
Position
Dist. Prod. Mgr.
Company
Mitchell Energy Corp.
Date
7/10/91

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
May 31, 1991
Frederick H. Reed
Signature & Seal of
Professional Surveyor

Certificate No.
NM 3795

Frederick H. Reed

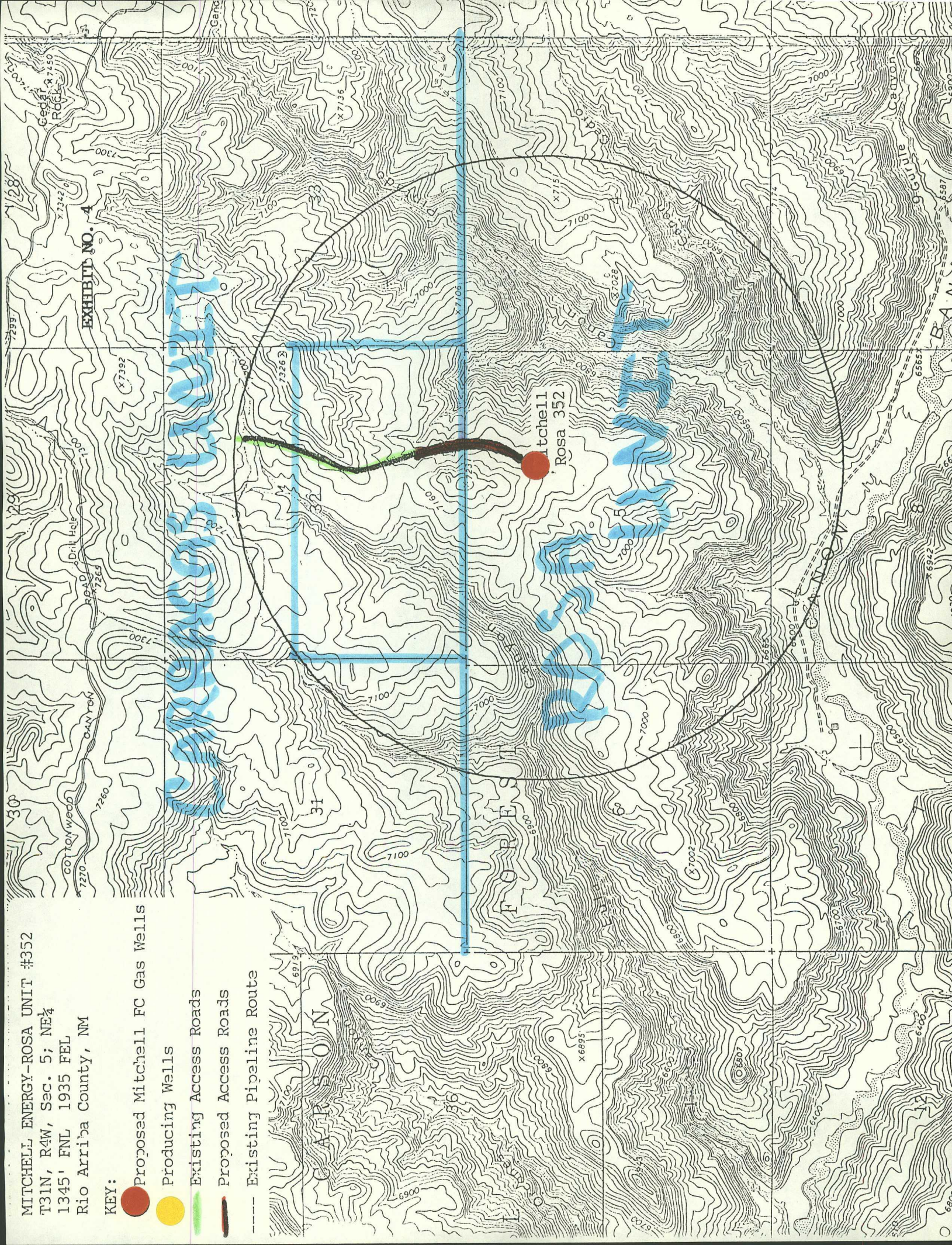
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

MITCHELL ENERGY-ROSA UNIT #352
T31N, R4W, Sec. 5; NE¼
1345' FNL 1935 FEL
Rio Arriba County, NM

KEY:

- Proposed Mitchell FC Gas Wells
- Producing Wells
- Existing Access Roads
- Proposed Access Roads
- Existing Pipeline Route

EXHIBIT NO. 4



RIO ARriba COUNTY — 039

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Σ

[illegible]

McHUGH

Jerome P. McHugh & Associates
Operating Affiliate: Nassau Resources, Inc.
650 South Cherry, Suite 1225
Denver, Colorado 80222-1894
(303) 321-2111 FAX (303) 321-1563

August 14, 1991

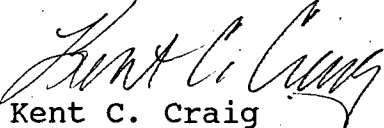
Mr. Michael Stogner
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, N. M. 87504

Re: Unorthodox Location
Mitchell Energy's Rosa #352
Sec. 5-T31N-R4W
Rio Arriba Co., N. M.

Gentlemen:

Please be advised that Nassau Resources has no objection to the unorthodox location proposed by Mitchell Energy Corp., being the Rosa Unit #352 in the NE/4 of Sec. 5-T31N-R4W. Our consent letter is attached.

Very truly yours,



Kent C. Craig

/kcc

enclosure

cc: Trigon Engineering Inc.



August 8, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #352
Nassau Resources - Carracas Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 352. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, and Nassau Resources, Operator of the Carracas Unit, will receive copies of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Nassau Resources.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Nassau Resources, Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 352.

BY: Kent E. Craig
TITLE: Vice-President
Nassau Resources
Operator, Carracas Unit

August 14, 1991
DATE

OIL CONSERVATION DIVISION
RECEIVED
'91 AUG 30 AM 9 05

August 8, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

NSL-30411

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #352
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 352. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, and Nassau Resources, Operator of the Carracas Unit, will receive copies of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 352.

[Signature]
BY: Kent Beers
TITLE: Attorney-in-Fact
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

August 22, 1991
DATE



OIL CONSERVATION DIVISION
RECEIVED

July 30, 1991

91 JUL 31 PM 2 31

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #356
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 356. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell
Energy Corporation's application for an unorthodox location for
Rosa Unit Well No. 356.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 356
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 11: SWSE
771' FSL, 1746' FEL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 356 has been located adjacent to the Northwest Pipeline Well No. 48 (Basin Dakota) at the request of the Carson National Forest Service.

This area has very heavy wildlife use and Forest Service Biologist, Joe Harper, has stipulated that no new access roads be built and that minimal disturbance be caused while building the location. The location of the site was chosen at the direct request of the Carson National Forest Service and has resulted in a slightly unorthodox location, however, due to the existing access roads and well pad - very little additional disturbance to wildlife will be caused.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

EXHIBIT NO. 3
PAGE 1 OF 2

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

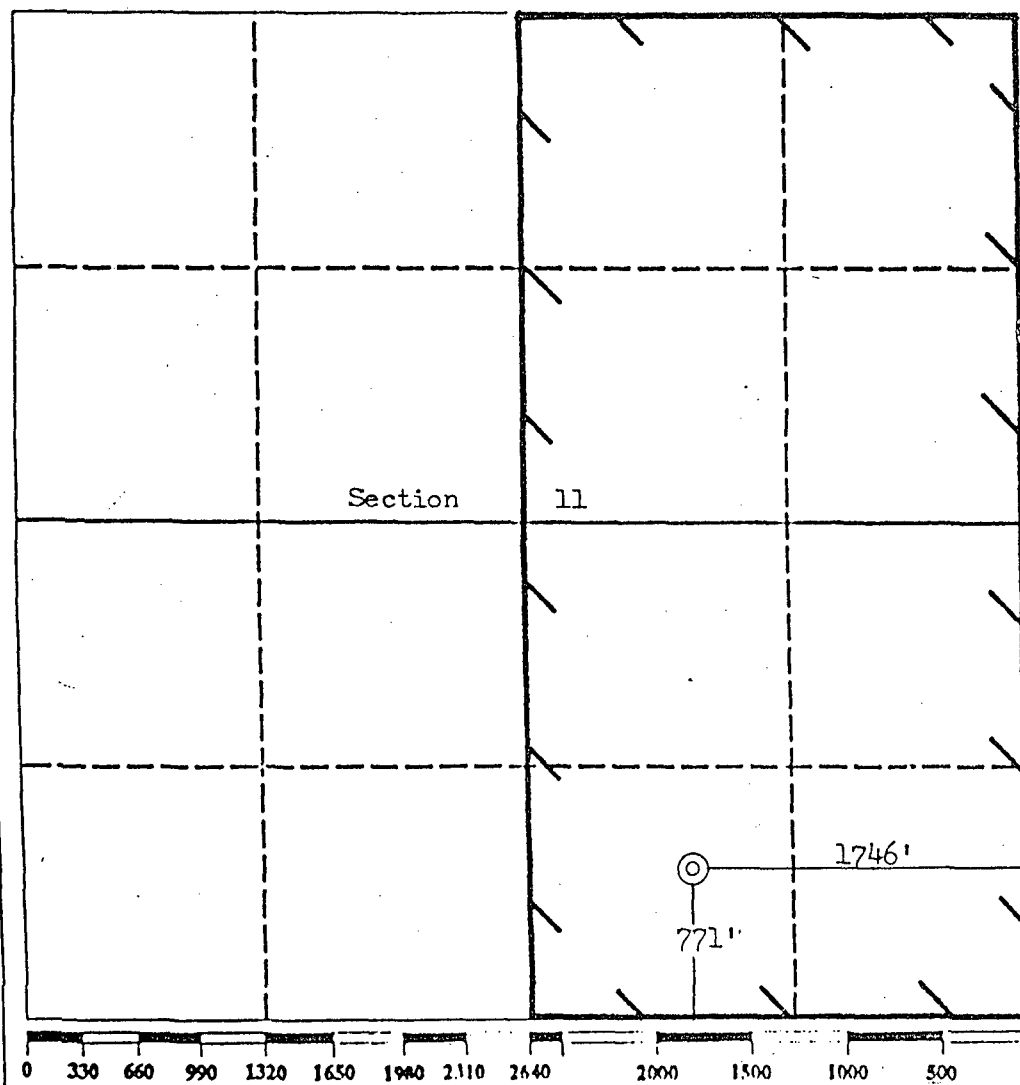
MITCHELL ENERGY CORPORATION
ROSA UNIT NO. 356

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. 356
Unit Letter 0	Section 11	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 771 feet from the South line and 1746 feet from the East line					
Ground level Elev. 6603	Producing Formation Fruitland		Basin Fruitland Coal		Dedicated Acreage: 320 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
Albert Libersat
Printed Name
Albert Libersat
Position
District Engineer
Company
Mitchell Energy Corp.
Date
7-17-91

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.

June 20, 1991
Date Surveyed
Frederick H. Reed
Signature & Seal of
Professional Surveyor

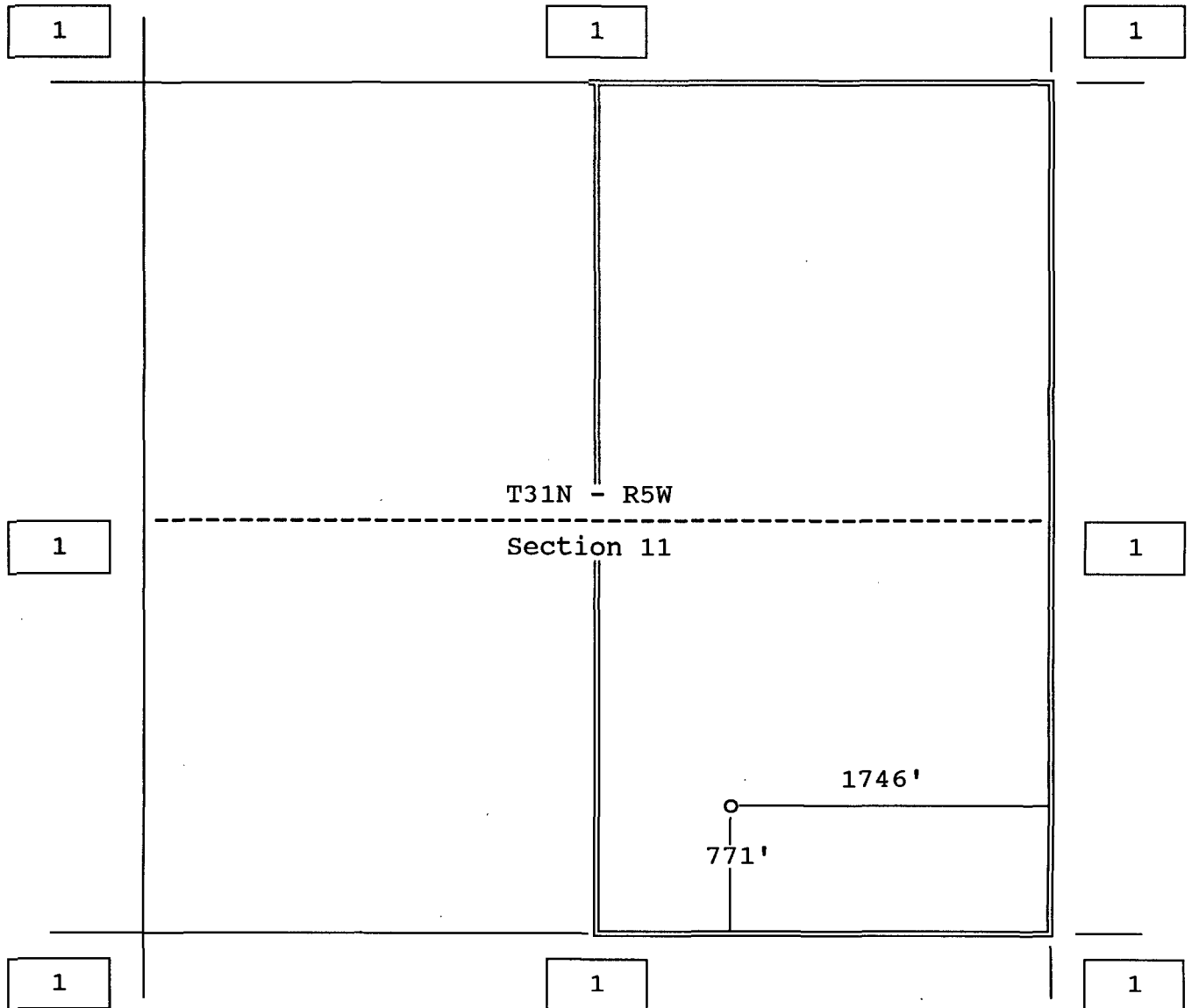
Certificate No.
3795

Frederick H. Reed

Standard 640 acre Section

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 356

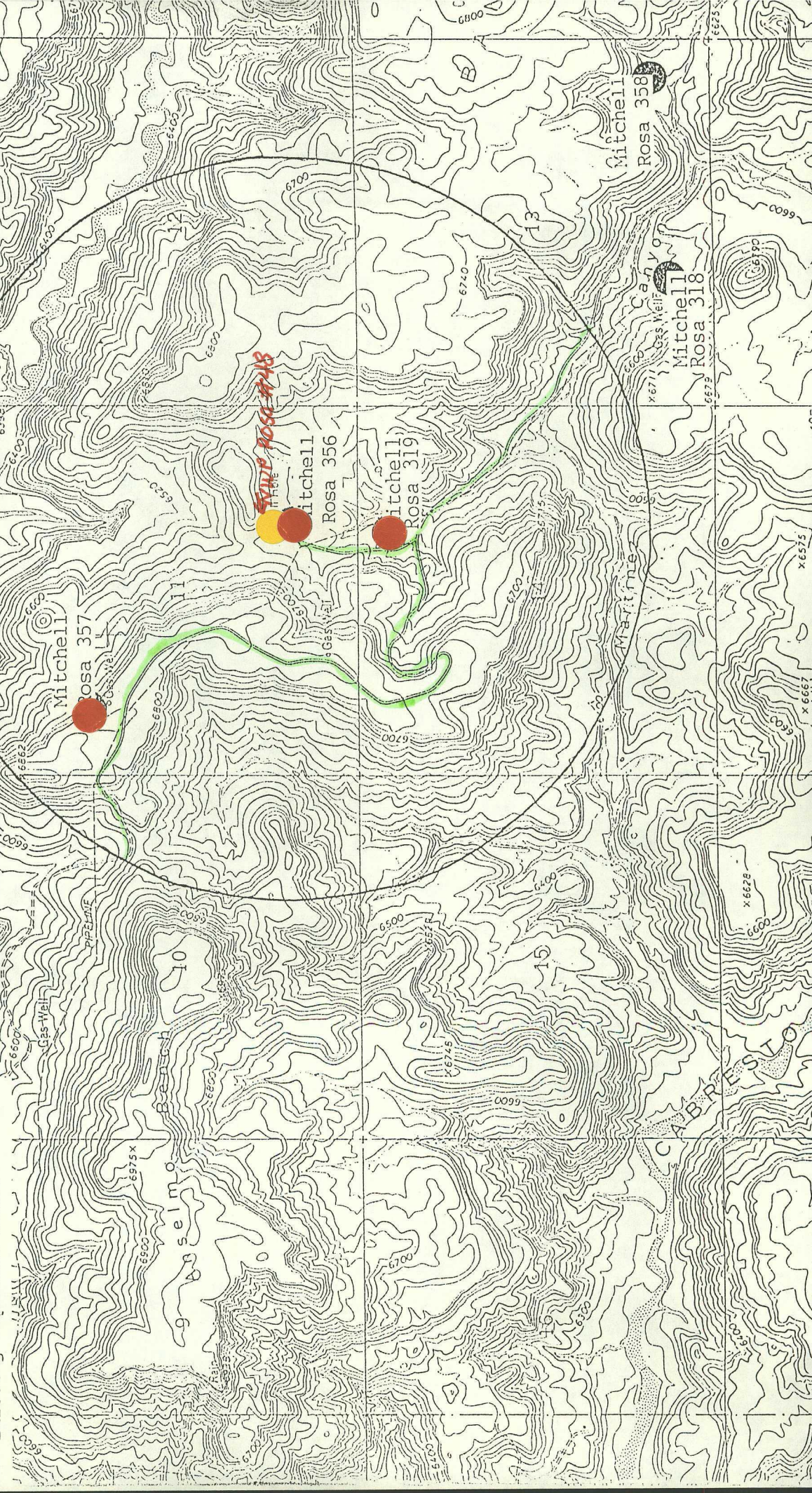


1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

EXHIBIT, NO. 4

KEY:

- Proposed Mitchell FC Gas Wells
Producing Wells *NWP Rose #48*
Existing Access Roads *Basin Dakota*
Proposed Access Roads
Existing Pipeline Route



FILE COPY

NOTICE OF STAKING (Not to be used in place of Application for Permit to Drill Form 3160-3)		6. Lease Number SF 078762	
1. Oil well <input type="checkbox"/> Gas well <input checked="" type="checkbox"/> Other (Specify)		7. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator MITCHELL ENERGY CORPORATION		8. Unit Agreement Name ROSA	
3. Name of Specific Contact Person MARK SMITH, Agent TRIGON ENGINEERING		9. Farm or Lease Name N/A	
4. Address & Phone No. of Operator or Agent 4100 E. Main 505 Farmington, NM 87401 325-1266		10. Well No. #356	
5. Surface Location of Well Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other accept- able map showing location, access road, and lease boundaries.		11. Field or Wildcat Name FRUITLAND	
15. Formation Objective(s) Fruitland Coal		16. Estimated Well Depth 3900'	13. County, Parish or Borough Rio Arriba
			14. State NM
17. Additional Information (as appropriate; must include surface owner's name, address, and telephone number) Carson National Forest, Jicarilla Ranger District Gobenador Rt, Blanco, NM 87412			
18. Signed <u>James C. Anderson</u> Title <u>Dist. Per. Mgr.</u> Date <u>6/17/91</u>			

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

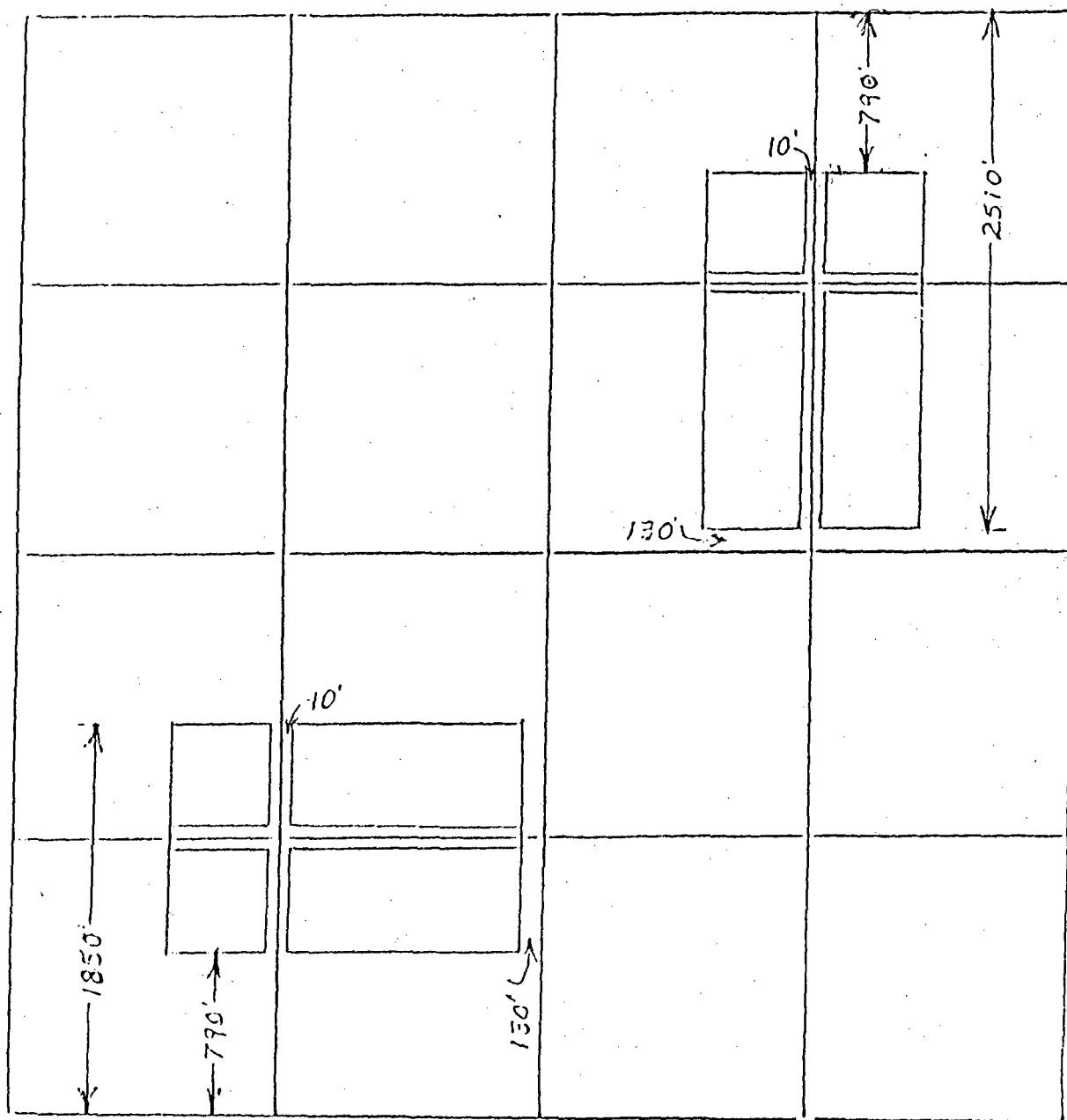
Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit

[illegible]

SF. 078762
Lse. 00.

P



BASIN FRUITLAND COAL GAS POOL
SPECIAL GAS SPACING - - 320.00 CONTIGUOUS ACRES

No closer than 790' to the drill tract outer boundary.
No closer than 130' to the inner boundary 1/4 section line.
Wells must have a setback from the 1/4, 1/4, line of at least 10 feet.

The first well in a section must be located in either the NE/4 or SW/4. There is no provision for increased drilling density.



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

'91 AUG 7 AM 8 54

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: August 2, 1991

ATTN: Mr. Sfogner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991
for the Mitchell Energy Corp. Rosa Unit # 556
OPERATOR LEASE & WELL NO.

0-11-31N-SW and my recommendations are as follows:
UL-S-T-R

Approve

Yours truly,

Eugene B. Smith



OIL CONSERVATION DIVISION
RECEIVED

July 30, 1991

'91 AUG 2 PM 2 31

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #357
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 357. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell
Energy Corporation's application for an unorthodox location for
Rosa Unit Well No. 357.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 357
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 11: SWNW
1835' FNL, 587' FWL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 357 has been located adjacent to the Northwest Pipeline Well No. 40 (Basin Dakota) at the request of the Carson National Forest Service.

This area has very heavy wildlife use and Forest Service Biologist, Joe Harper, has stipulated that no new access roads be built and that minimal disturbance be caused while building the location. The location of the site was chosen at the direct request of the Carson National Forest Service and has resulted in a slightly unorthodox location, however, due to the existing access roads and well pad - very little additional disturbance to wildlife will be caused.

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

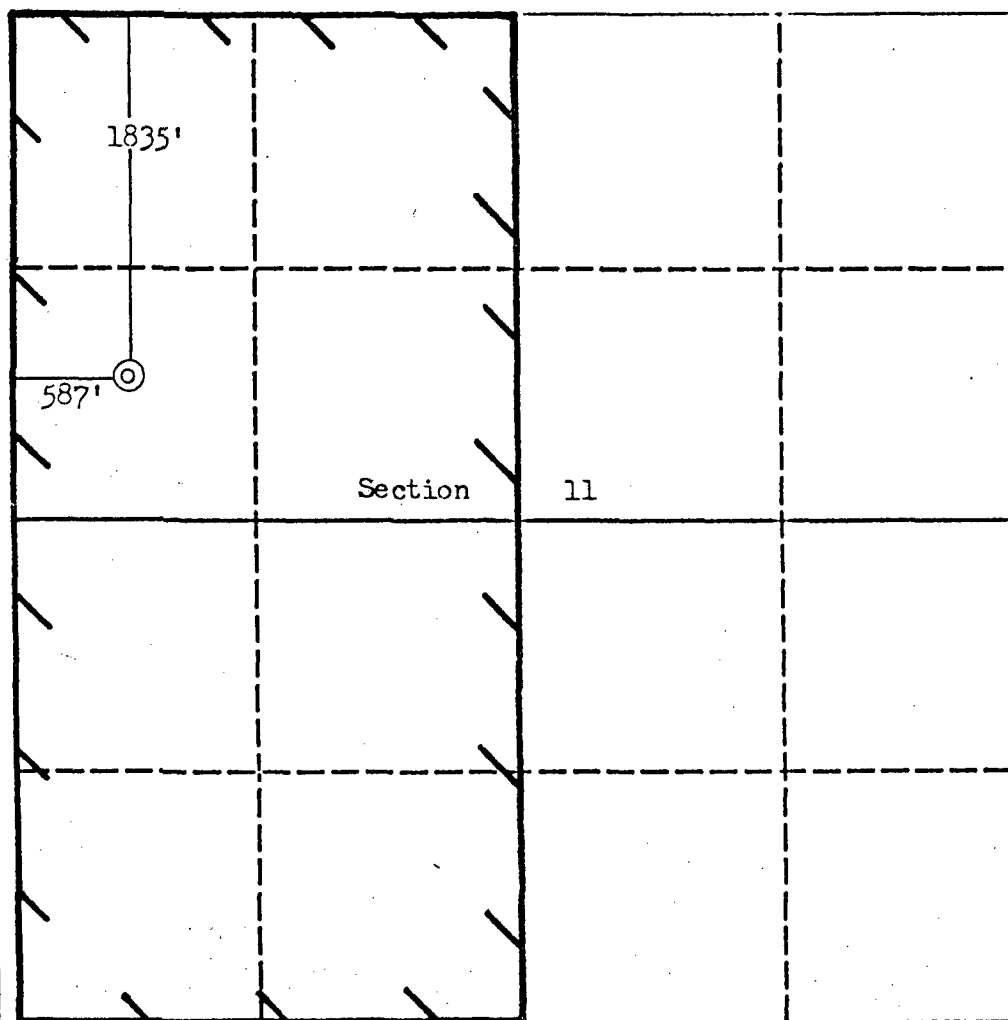
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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. 357
Unit Letter E	Section 11	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 1835 feet from the North line and 587 feet from the West line					
Ground level Elev. 6831	Producing Formation Fruitland		Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated in 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 *James C. Anderson*
Printed Name James C. Anderson
Position Dist. Prod. Mgr.
Company Mitchell Energy Corp
Date 7/10/91

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.

June 20, 1991

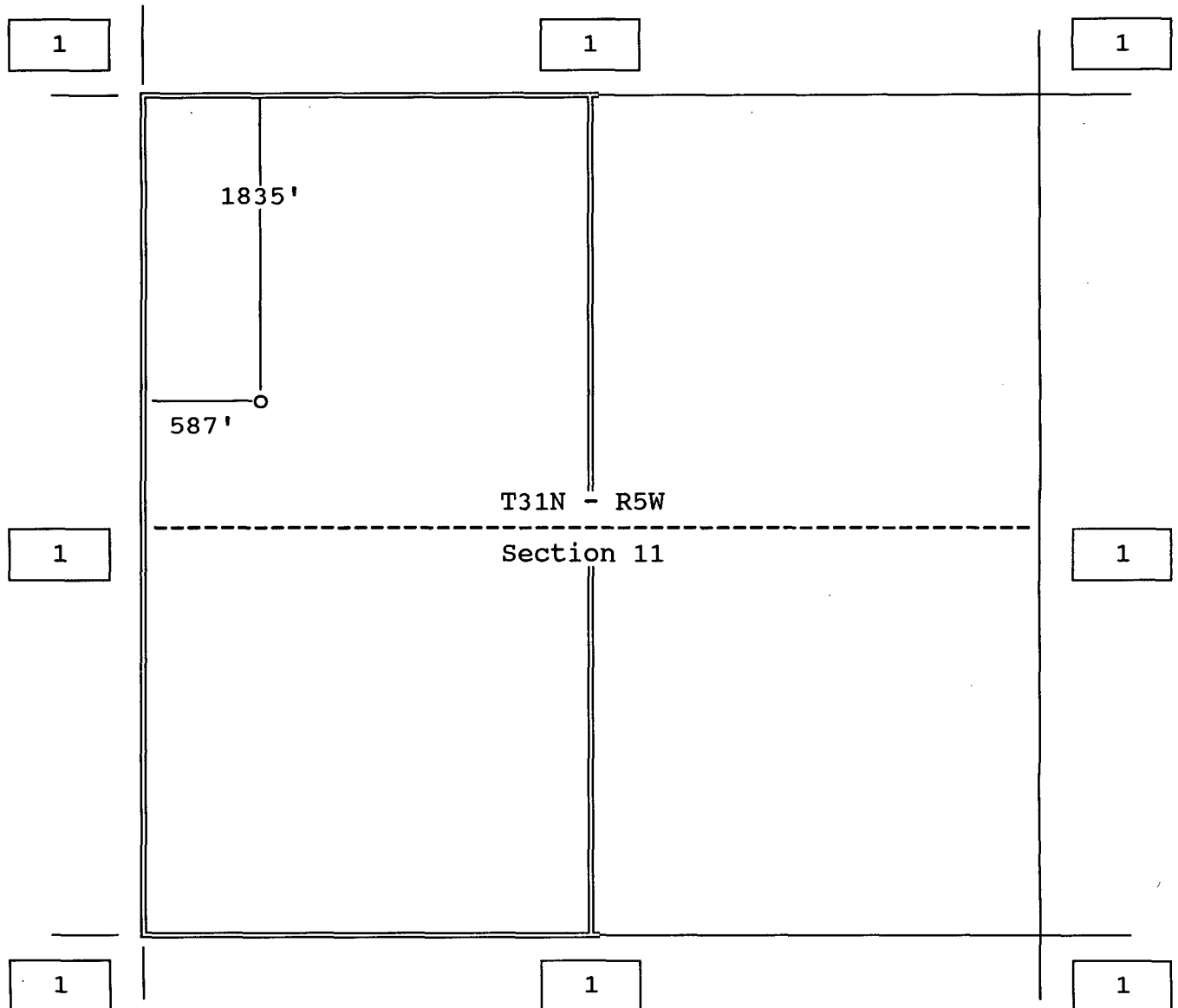
Date Surveyed
Signature & Seal of Professional Surveyor *Frederick H. Reed*

Certificate No. 3795
Frederick H. Reed

Standard 640 acre Section

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 357

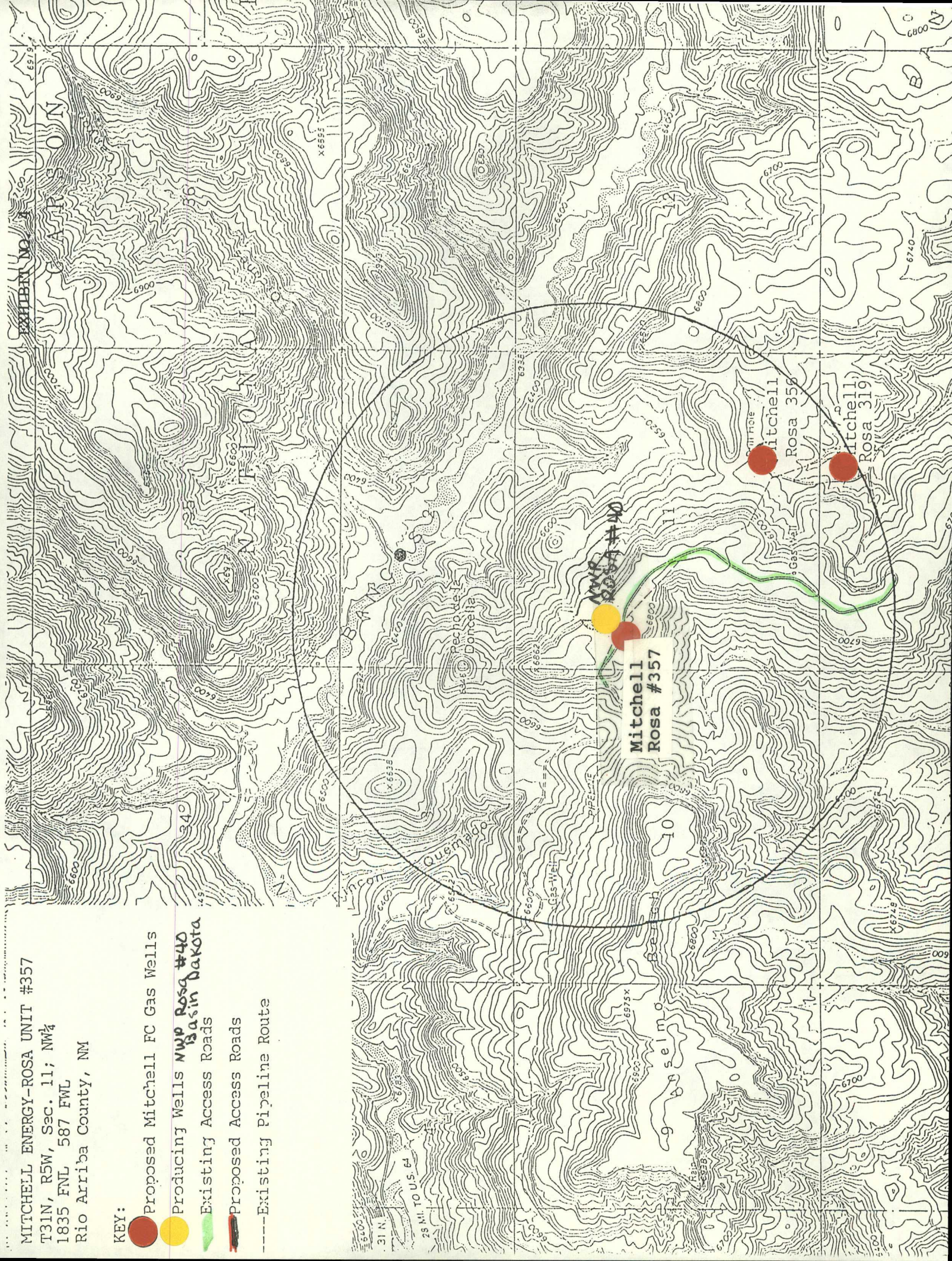


1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

MITCHELL ENERGY-ROSA UNIT #357
T31N, R5W, Sec. 11; NW¼
1835 FNL 587 FWL
Rio Arriba County, NM

KEY:

- Proposed Mitchell FC Gas Wells
- Producing Wells **NWP Rosa #40**
Basin Dakota
- Existing Access Roads
- Proposed Access Roads
- Existing Pipeline Route



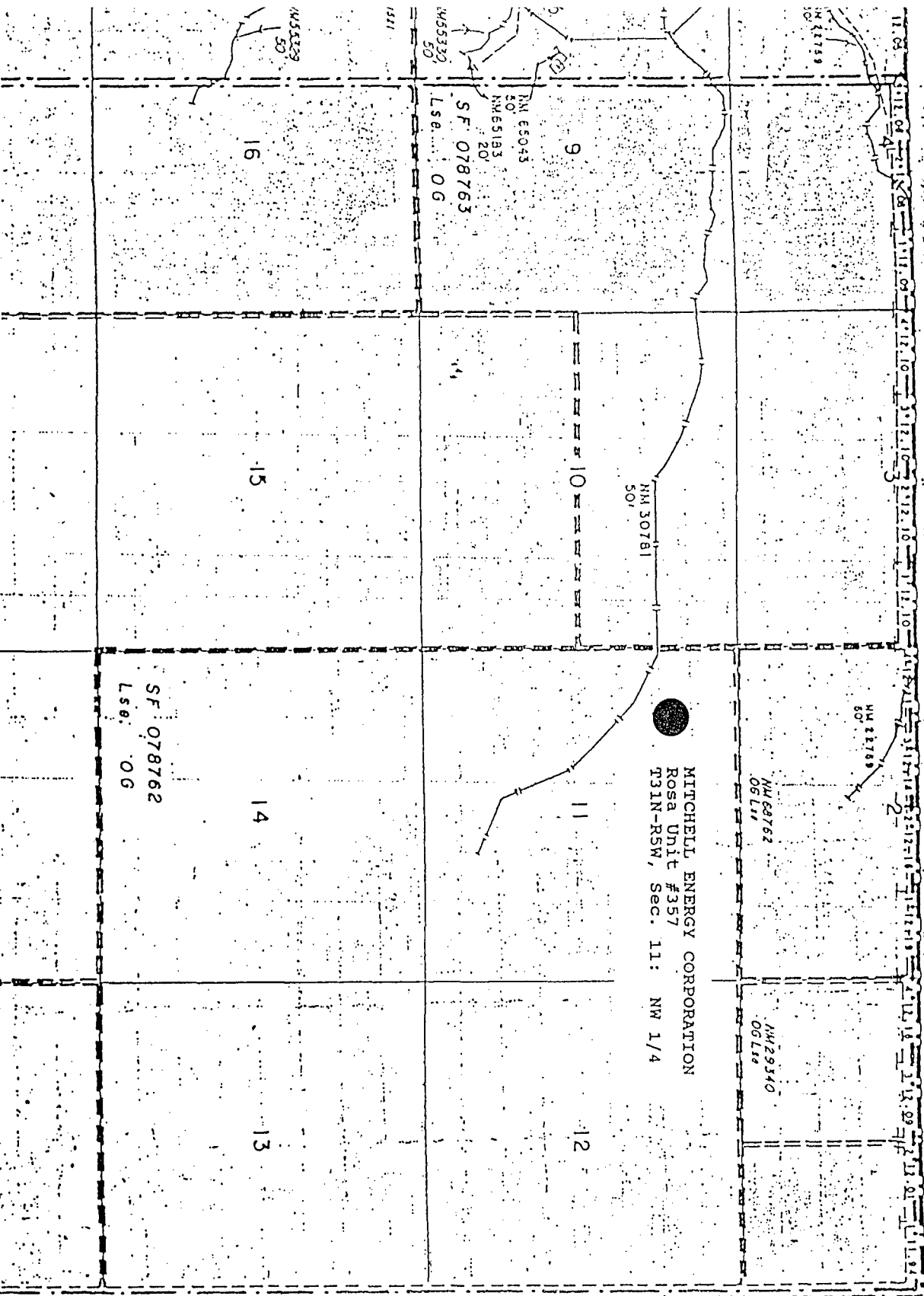
FILE COPY.

NOTICE OF STAKING (Not to be used in place of Application for Permit to Drill Form 3160-3)		6. Lease Number SF 078762	
1. Oil well <input type="checkbox"/> Gas well <input checked="" type="checkbox"/> Other (Specify)		7. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator MITCHELL ENERGY CORPORATION		8. Unit Agreement Name ROSA	
3. Name of Specific Contact Person MARK SMITH, Agent TRIGON ENGINEERING		9. Farm or Lease Name N/A	
4. Address & Phone No. of Operator or Agent 4100 E. Main 505 Farmington, NM 87401 325-1266		10. Well No. #357	
5. Surface Location of Well Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other accept- able map showing location, access road, and lease boundaries.		11. Field or Wildcat Name FRUITLAND	
12. Sec., T., R., M., or Blk and Survey or Area T31N-R5W Sec. 11: NW $\frac{1}{4}$			
15. Formation Objective(s) Fruitland Coal	16. Estimated Well Depth 3800'	13. County, Parish or Borough Rio Arriba	14. State NM
17. Additional Information (as appropriate; must include surface owner's name, address, and telephone number) Carson National Forest, Jicarilla Ranger District Gobenador Rt, Blanco, NM 87412			
18. Signed _____ Title _____ Date _____			

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit



MITCHELL ENERGY CORPORATION
Rosa Unit #357
T31N-R5W, Sec. 11: NW 1/4

MM 68762
06 L 11

114129340
OG L 80

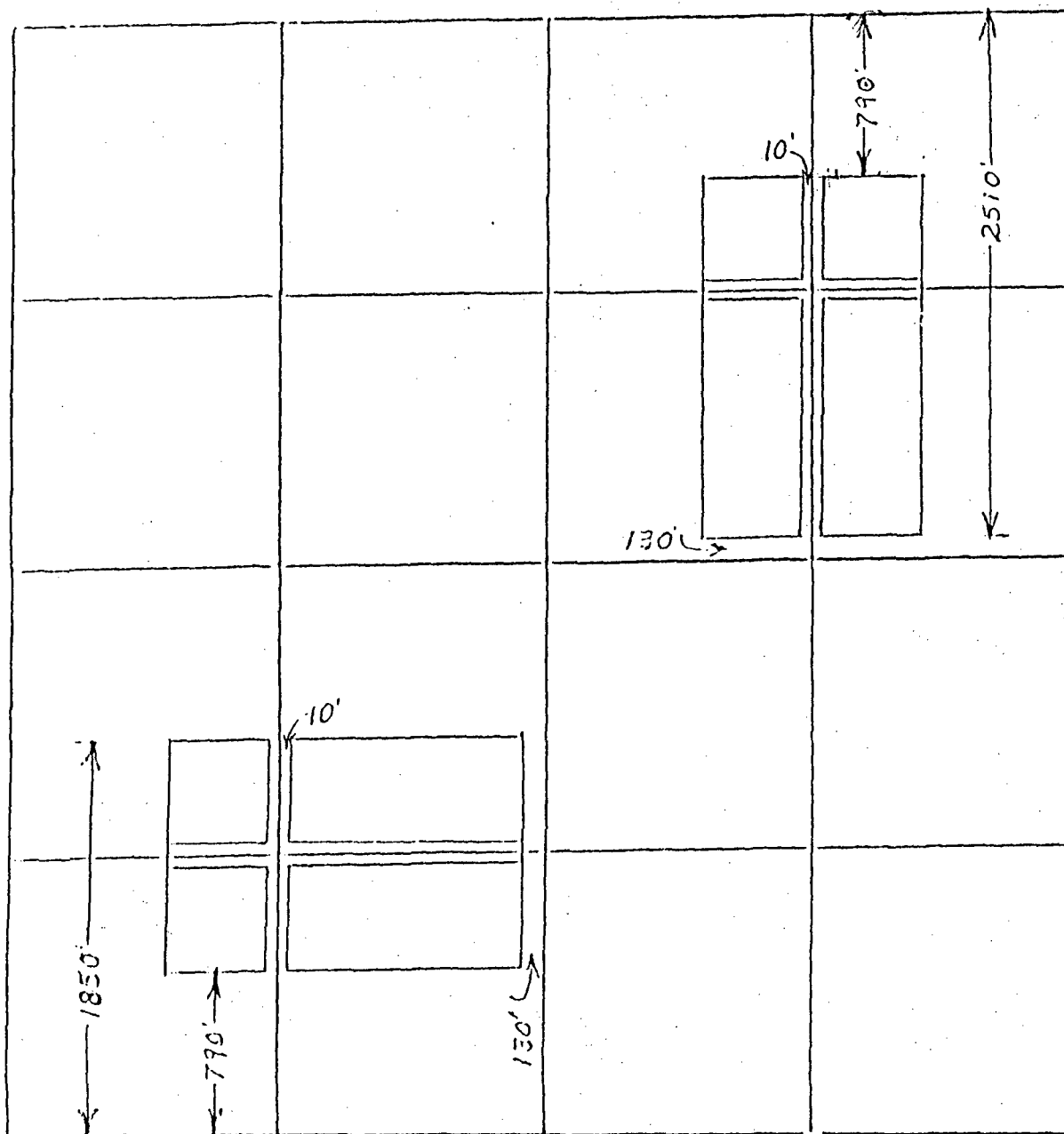
SF 078763

SF: 078762
L50: 06

XGS-

Sec. 2: Lott 1-4
Sec. 3: Lott 1-4
Sec. 4: Lott 1-4
Sec. 5: Lott 1-4
Sec. 6: Lott 1-5
Sec. 7: Lott 1-4
Sec. 8-17: Incl.
Sec. 18: Lott 1
Sec. 19: Lott 1
Sec. 20-29: Lott 1
Sec. 30: Lott 1
Sec. 31: Lott 1
Sec. 32-36: Lott 1

P



BASIN FRUITLAND COAL GAS POOL
SPECIAL GAS SPACING - - 320.00 CONTIGUOUS ACRES

No closer than 790' to the drill tract outer boundary.
 No closer than 130' to the inner boundary 1/4 section line.
 Wells must have a setback from the 1/4, 1/4, line of at least
 10 feet.

The first well in a section must be located in either the
 NE/4 or SW/4. There is no provision for increased drilling
 density.



'91 AUG 7 AM 8 54

ON DIVISION
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: August 2, 1991

ATTN:

M. Stogner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991
for the Mitchell Energy Corp. Raha Unit #357
OPERATOR LEASE & WELL NO.

E-11-31N-5W and my recommendations are as follows:
UL-S-T-R

Approve

Yours truly,

Ernie Branch

OIL CONSERVATION DIVISION
RECEIVED

'91 AUG 2 PM 2 31



July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: **Unorthodox Location Waiver**
Mitchell Energy Corporation Rosa Unit #358
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 358. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 358.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 358
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 13: SESE
915' FSL, 600' FEL

FACTORS DETERMINING UNORTHODOX LOCATION:

The site for the Mitchell Energy Corporation Rosa Unit Well No. 358 has been chosen in an unorthodox location due to extremely rough topography. There are several large washes and very rocky terrain. This location is the only clear location with any sort of access. Although a new access road will have to be built, there is an existing two-track for the first 1/4 mile of the proposed access road.

The only alternative location for the well site would be at the top of Bancos Mesa. In order to drill from this location, an access road would have to be built through terrain so rocky and rough as to make it unfeasible. Also, building a road to the top of Bancos Mesa would open it up to the public which the Forest Service is extremely adverse to as it is old, virgin forest land which they want left undisturbed.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

EXHIBIT NO. 3
PAGE 1 of 2

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

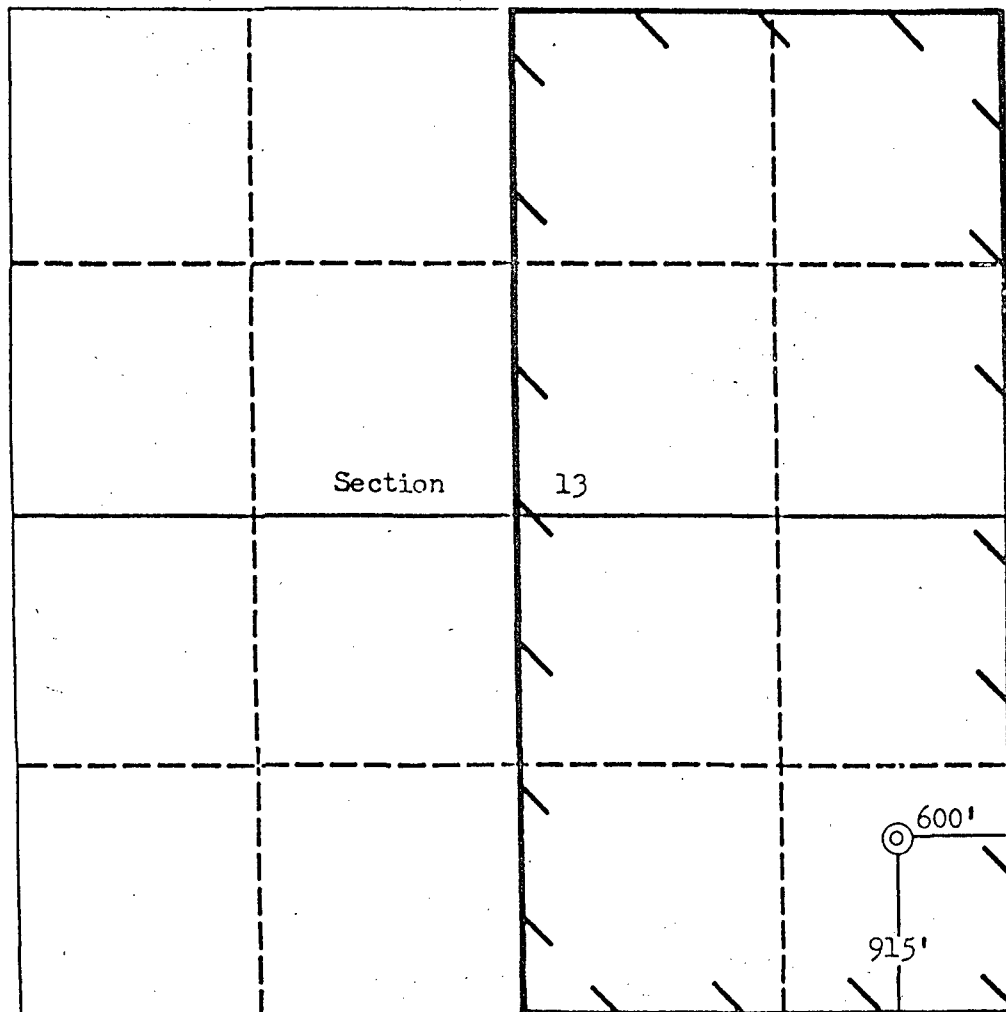
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

MITCHELL ENERGY CORPORATION
ROSA UNIT NO. 358

Operator Mitchell Energy Corporation			Lease Rosa Unit		Well No. 358
Unit Letter P	Section 13	Township 31 North	Range 5 West	County NMPM Rio Arriba	
Actual Footage Location of Well: 915 feet from the South line and 600 feet from the East line					
Ground level Elev. 6613	Producing Formation Fruitland		Fixed Basin Fruitland Coal		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hardware 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
James C. Anderson
Printed Name
James C. Anderson
Position
Dist. Prod. Mgr.
Company
Mitchell Energy Corp.
Date
7/19/91

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
June 20, 1991
Signature & Seal of
Professional Surveyor
Frederick H. Reed

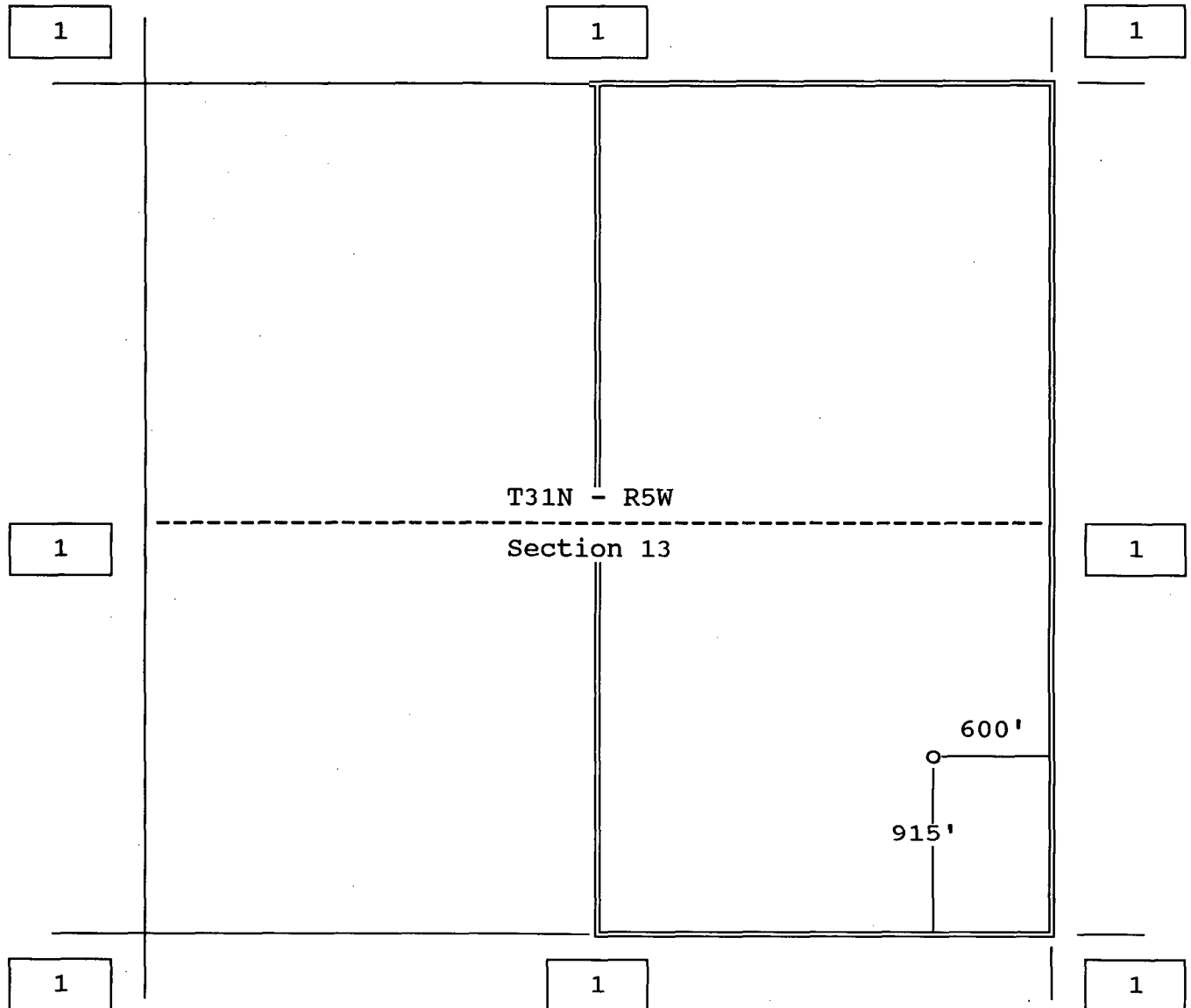
Certificate No.
3795

Frederick H. Reed

Standard 640 acre Section

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 358



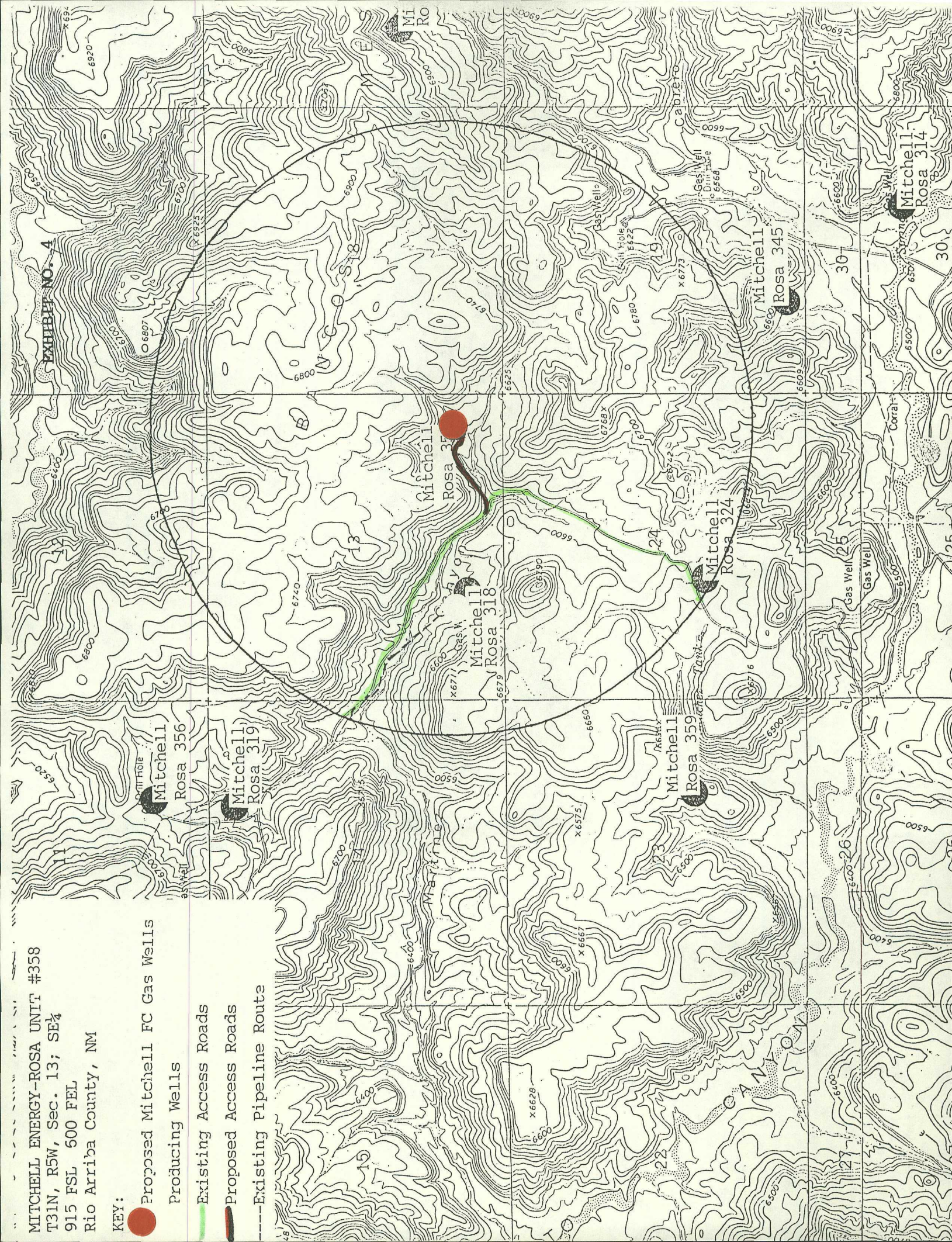
1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

MITCHELL ENERGY-ROSA UNIT #358
T31N, R5W, Sec. 13; SE $\frac{1}{4}$
915 FSL 500 FEL
Rio Arriba County, NM

KEY:

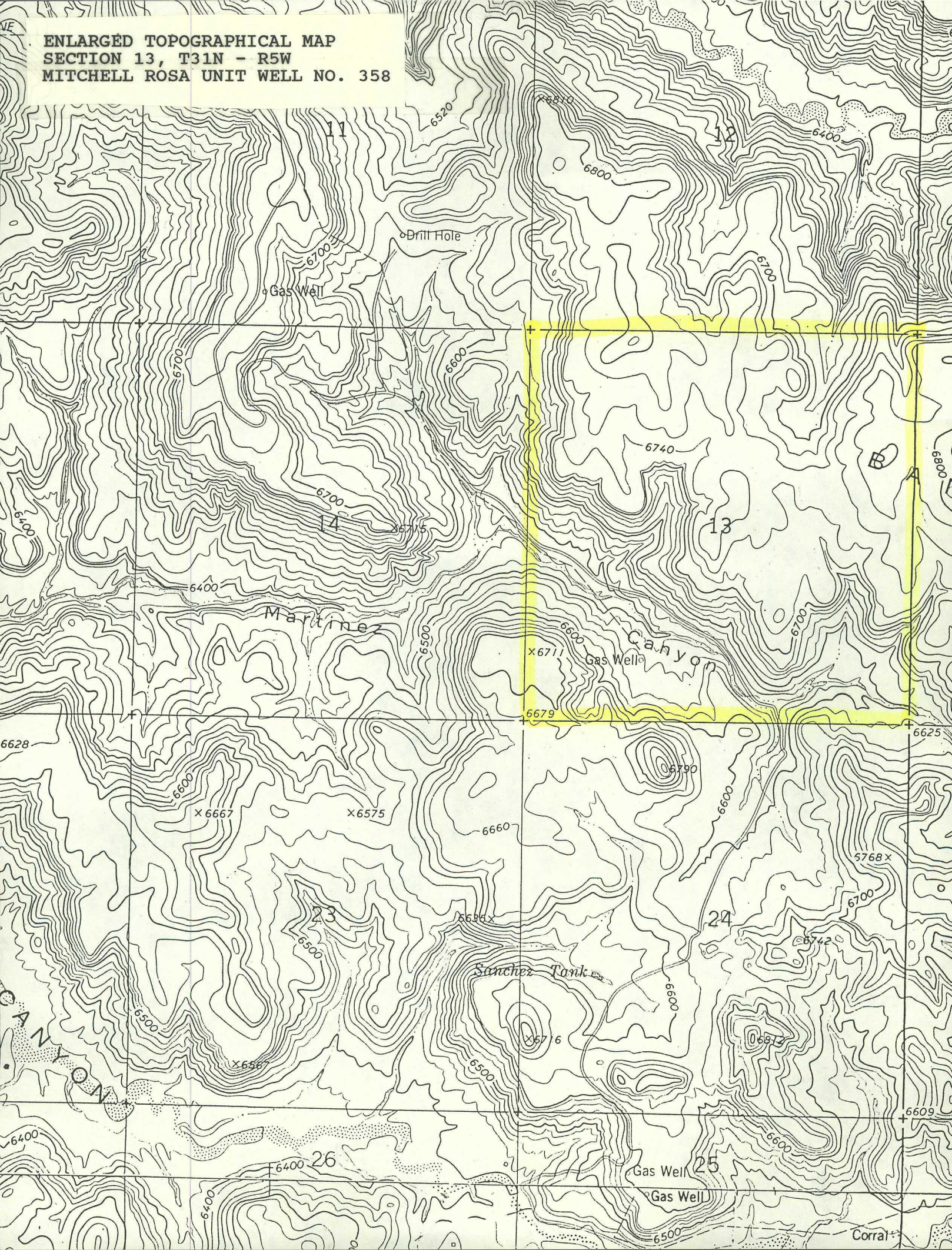
- Proposed Mitchell FC Gas Wells
- Producing Wells
- Existing Access Roads
- Proposed Access Roads
- Existing Pipeline Route

EXHIBIT NO. 4



NE

ENLARGED TOPOGRAPHICAL MAP
SECTION 13, T31N - R5W
MITCHELL ROSA UNIT WELL NO. 358



FILE COPY

NOTICE OF STAKING (Not to be used in place of Application for Permit to Drill Form 3160-3)		6. Lease Number SF 078762	
1. Oil well <input type="checkbox"/> Gas well <input checked="" type="checkbox"/> Other (Specify)		7. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator MITCHELL ENERGY CORPORATION		8. Unit Agreement Name ROSA	
3. Name of Specific Contact Person MARK SMITH, Agent TRIGON ENGINEERING		9. Farm or Lease Name N/A	
4. Address & Phone No. of Operator or Agent 4100 E. Main 505 Farmington, NM 87401 325-1266		10. Well No. #358	
5. Surface Location of Well Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other accept- able map showing location, access road, and lease boundaries.		11. Field or Wildcat Name FRUITLAND	
12. Sec., T., R., M., or Blk and Survey or Area T31N-R5W Sec. 13: SE $\frac{1}{4}$			
15. Formation Objective(s) Fruitland Coal	16. Estimated Well Depth 3900'	13. County, Parish or Borough Rio Arriba	14. State NM
17. Additional Information (as appropriate; must include surface owner's name, address, and telephone number) Carson National Forest, Jicarilla Ranger District Gobenador Rt, Blanco, NM 87412			
18. Signed <u>Albert J. Sherrard</u> Title <u>District Engr</u> Date <u>6-7-91</u>			

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit

RIO ARRIBA COUNTY — 039
NM — 1

STATISTICS LAND AND

INDEX
RESURY
TRACT

FOR ORDER: £1

LANDS WITHOR

MISCELLANEOUS

Sec. 2: Lots 1, 2, 3

Sec. 16: All-LE

Sec. 36 AII-IL E

NM 98 Coal CI

XGS

Sec. 2, Lo's 1-4:

Sec. 3, Lots 1-4.

Sec. 4: Lots 1-4.

Sec 3: Lots 1-4

0107-0-326

Case 8-17 Jack

18:1013

Sac. 19: Lots 1-

See. 20-29, in

Sac. 30: Lot 1-1

Sec. 3: 1-1

Soc. 32-36, 100

MITCHELL ENERGY CORPORATION
Rosa Unit #358
T31N-R5W, Sec. 13: SE 1/4

SF: 078762
Lse: .06

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NH 29340
OG Lsg

05790
29183 NM
NM 68762

U 22759

NM 30781
50'

IM 65043
O.
IM 65183

. . .
M65183

SF: 078763

Use... 06

1551521

62555329



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

'91 AUG 7 AM 8 54

Date:

August 2, 1991

ATTN:

Mr. Stogner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL X _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on August 2, 1991

for the

Mitchell Energy Corp.
OPERATOR

Roba Unit #358
LEASE & WELL NO.

P-13 - 31N-5W
UL-S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Ernest R. Rios



OIL CONSERVATION DIVISION
RECEIVED

'91 AUG 15 AM 8 44

August 12, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #359
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 359. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

_____ hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 359.

BY: _____
TITLE: _____
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

DATE _____

**UNORTHODOX LOCATION APPLICATION
MITCHELL ENERGY CORPORATION
ROSA UNIT WELL NO. 359
Basin Fruitland Coal**

SITE LOCATION:

Township 31 North, Range 5 West
Section 23: NWSE
2500' FSL, 1625' FEL

FACTORS DETERMINING UNORTHODOX LOCATION:

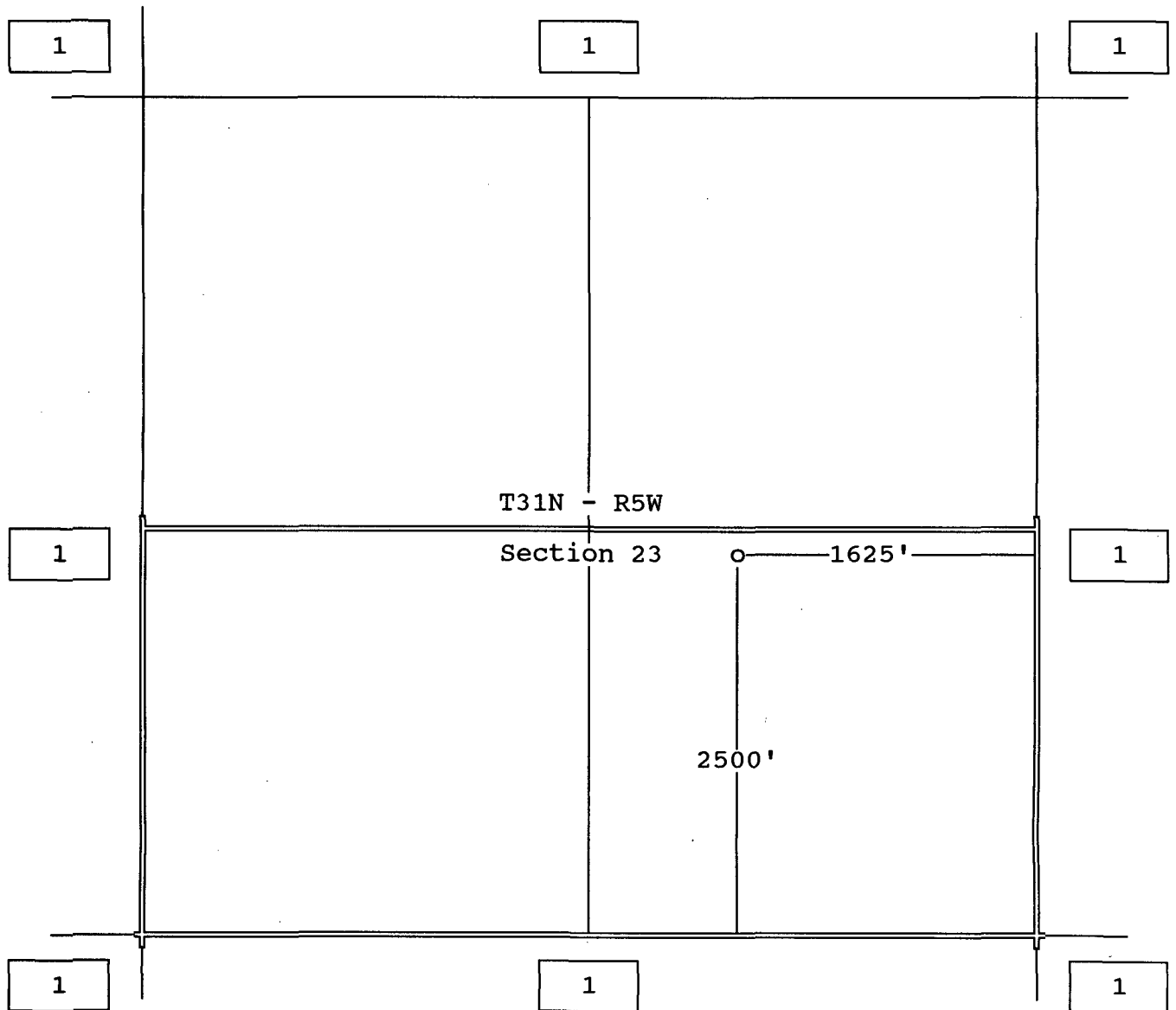
The site for the Mitchell Energy Corporation Rosa Unit Well No. 359 has been chosen in an unorthodox location due to topography, archaeology, and concerns of the Forest Service.

It is unfeasible to locate the site to the south because the terrain is very rough and rocky and several large washes run through the area. There are also several archaeological sites south of the proposed location which were avoided by choosing the more northerly location.

In addition, the Forest Service had several concerns about locating the site to the south - 1) building the location any further south into the section would open up Cabresto Canyon to the public, which the Forest Service is very much against, 2) the present location requires only 1/4 mile of new access road while building the location further to the south would require at least 1 1/2 miles of new road which would create more disturbance to the forest and wildlife, 3) if the location was built any further south, it would be located at the top of a canyon, creating a very visible scar.

ROSA UNIT OWNERSHIP PLAT

Mitchell Energy Corporation
Rosa Unit Well No. 359



1. Offset Owner - Meridian Oil Gathering, Inc.
Operator of the Rosa Unit

Submitting 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

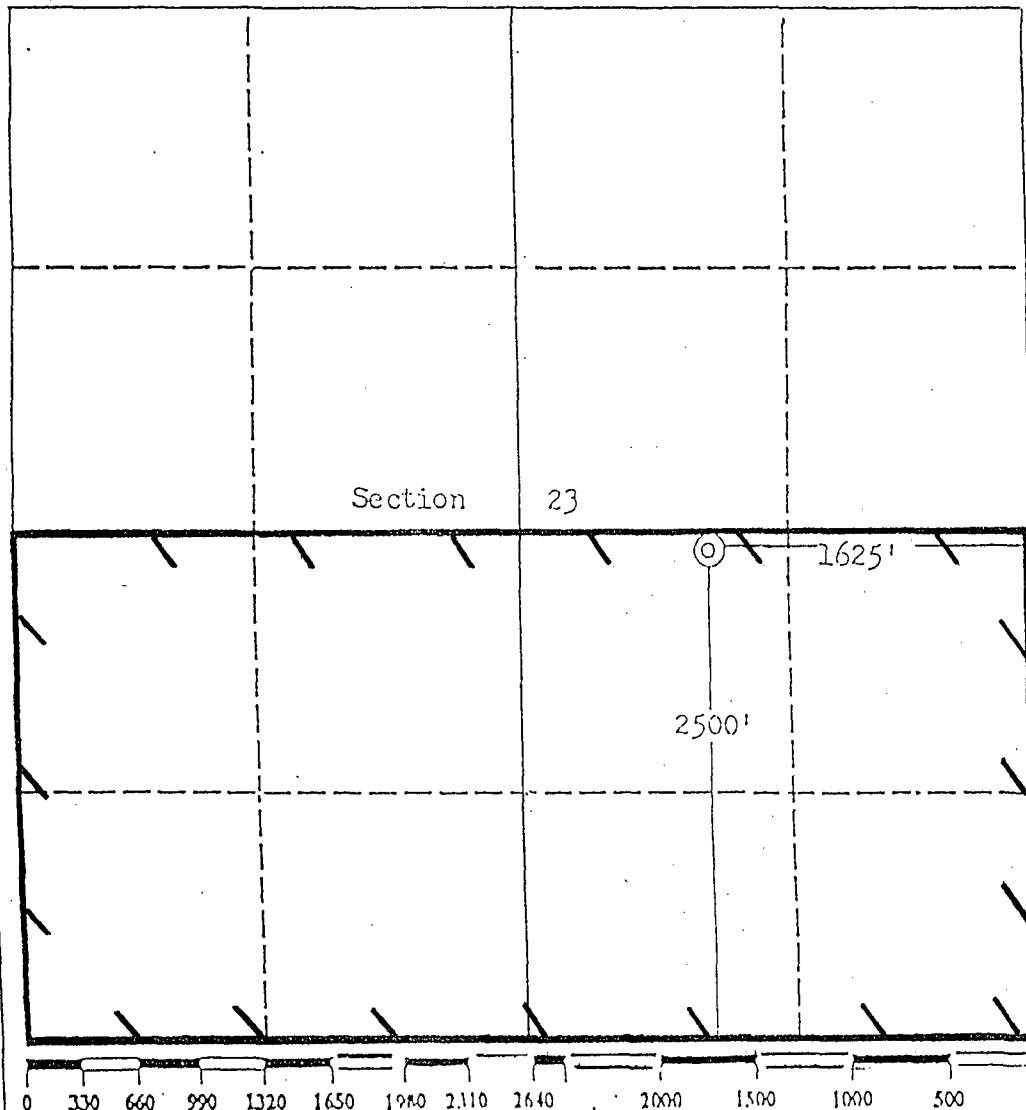
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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. 359
Unit Letter J	Section 23	Township 31 North	Range 5 West	County NMPM	Rio Arriba
Actual Footage Location of Well: 2500 feet from the South line and 1625 feet from the East line					
Ground level Elev. 6536	Producing Formation Fruitland	Basin Fruitland Coal		Dedicated Acreage: 320 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 township 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, force-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
James C. Anderson
Printed Name
James C. Anderson
Position
Dist. Prod. Mgr.
Company
Mitchell Energy Corp
Date
7/10/91

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
June 20, 1991
Signature & Seal of Professional Surveyor
Frederick H. Reed

Certificate No.

3795

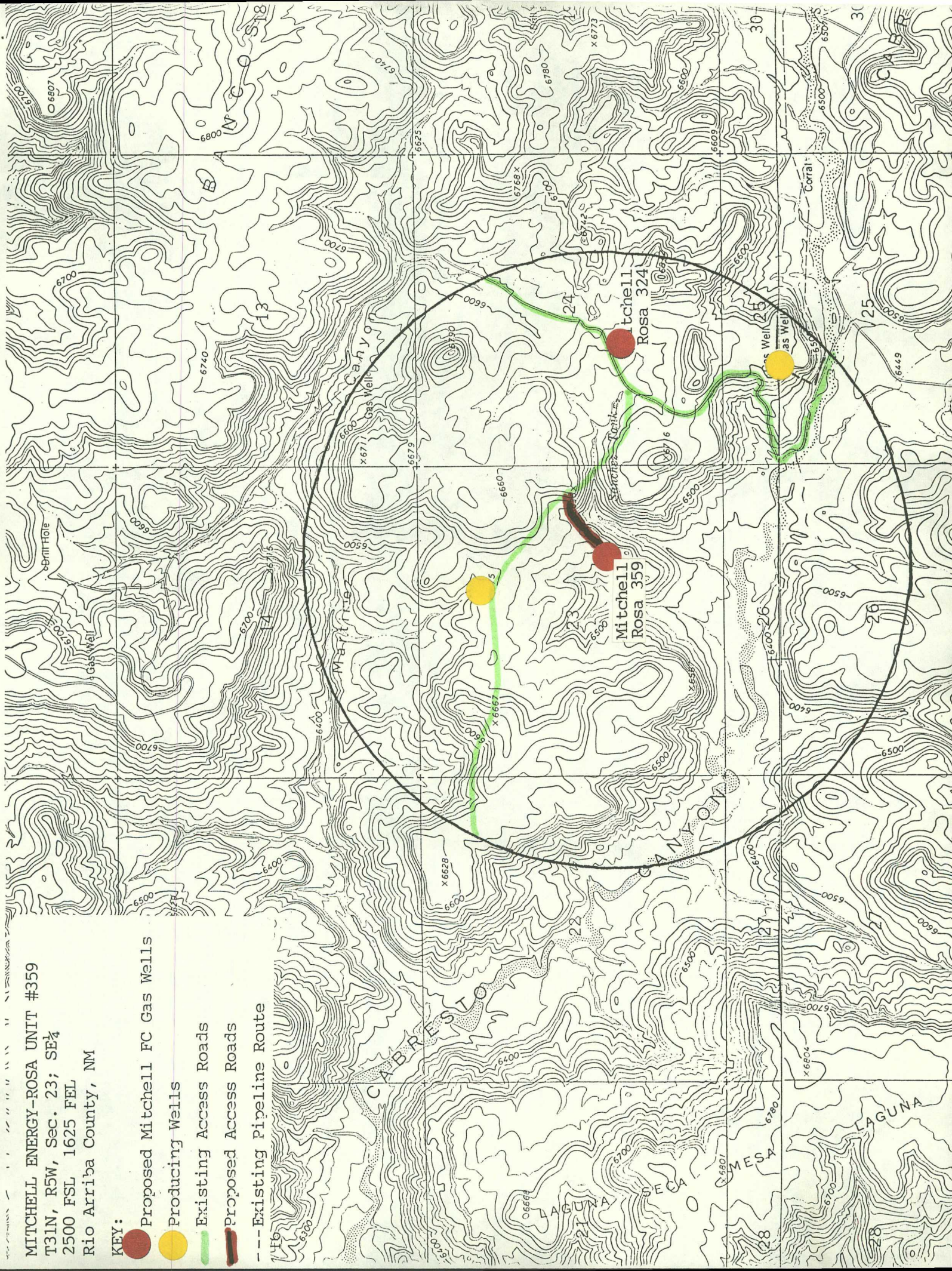
Frederick H. Reed

Standard 640 acre Section

MITCHELL ENERGY-ROSA UNIT #359
T31N, R5W, Sec. 23; SE¼
2500 FSL 1625 FEL
Rio Arriba County, NM

KEY:

- Proposed Mitchell FC Gas Wells
- Producing Wells
- Existing Access Roads
- Proposed Access Roads
- Existing Pipeline Route



This plot is the Bureau's Record of Tide, and should be used only as a graphic display of the township survey data. Records hereon do not reflect title changes which may have been effected by lateral movements of tides or other bodies of water. Refer to the radiastal surveys for official survey information.



August 12, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

NSL-3041

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #359
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 359. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 359.

BY: *Kent Beers*
TITLE: Attorney-in-Fact
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

August 22, 1991
DATE



OIL CONSERVATION DIVISION
RECEIVED

July 31, 1991

'91 AUG 20 AM 8 40

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #314
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 314. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 314.

BY: Kent Beers
TITLE: Attorney-in-Fact
Meridian Oil Gathering, Inc. *
Operator, Rosa Unit

August 16, 1991
DATE



July 31, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

**Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #345
Meridian Oil Gathering, Inc. - Rosa Unit Operator**

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 345. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 345.

BY: *[Signature]*
 Kent Beers
TITLE: Attorney-in-Fact
 Meridian Oil Gathering, Inc.
 Operator, Rosa Unit

DATE August 16, 1991



July 31, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #324
Meridian Oil ~~Gathering~~, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 324. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 324.

BY: *Kent Beers*
TITLE: Attorney-in-Fact
Meridian Oil ~~Gathering~~, Inc.
Operator, Rosa Unit

DATE August 16, 1991



July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #358
Meridian Oil ~~Gathering~~, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 358. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 358.

BY: Kent Beers
TITLE: Attorney-in-Fact *
Meridian Oil ~~Gathering~~, Inc.
Operator, Rosa Unit

August 16, 1991
DATE



July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #356
Meridian Oil ~~Gathering~~, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 356. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 356.

BY: *[Signature]*
TITLE: Attorney-in-Fact
Meridian Oil ~~Gathering~~, Inc.
Operator, Rosa Unit

August 16, 1991
DATE



July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #357
Meridian Oil Gathering, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 357. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 357.

BY: Kent Beers
TITLE: Attorney-in-Fact
Meridian Oil Gathering, Inc.
Operator, Rosa Unit

August 16, 1991
DATE



July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #318
Meridian Oil ~~Gathering~~, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 318. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 318.

BY: *Kent Beers*
TITLE: Attorney-in-Fact
Meridian Oil ~~Gathering~~, Inc.
Operator, Rosa Unit

August 16, 1991
DATE



July 30, 1991

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Unorthodox Location Waiver
Mitchell Energy Corporation Rosa Unit #319
Meridian Oil ~~Gathering~~, Inc. - Rosa Unit Operator

Dear Mr. LeMay:

We are submitting an Unorthodox Location Application for the Mitchell Energy Corp. Rosa Unit Well No. 319. Meridian Oil Gathering, Inc., as Operator of the Rosa Unit wells, will receive a copy of the application for approval of the location. The factors determining the location of the site are detailed in the attached package.

If there are no objections to the location, the waiver below will be signed by a representative of Meridian Oil Gathering, Inc.

Thank you for your cooperation.

Sincerely,

TRIGON ENGINEERING, INC.

Cristi Cline

Cristi Cline
Senior Right-of-Way Agent

Attachment

WAIVER

Meridian Oil Inc. hereby waives objection to Mitchell Energy Corporation's application for an unorthodox location for Rosa Unit Well No. 319.

BY: *Kent Beers*
TITLE: Attorney-in-Fact
Meridian Oil ~~Gathering~~, Inc.
Operator, Rosa Unit

August 16, 1991
DATE