

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-2504
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MITCHELL ENERGY CORPORATION

3. ADDRESS OF OPERATOR

555 Seventeenth Street Suite #3500
Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1810' FNL, 2010' FEL, Sec. 30, T31N-R4W

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

+60 miles from Blanco, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

220'

16. NO. OF ACRES IN LEASE

720

19. PROPOSED DEPTH

4000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

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

6517' GR

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3

and appeal pursuant to 43 CFR 3165.4.
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

August 30, 1991

23.

ALL PROPOSED WORKS DESCRIBED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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 sxs - circ to surface
7-7/8"	5-1/2"	15.5# K-55	4000'	700 sxs - circ to surface

The operator proposes to drill to 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 and Operating Plan

Exhibit No. 1 Proposed Cementing Program

Exhibit No. 2 Blowout Preventer Schematic

Exhibit No. 3 Location Elevation Plat (Form C-102)

Exhibit No. 4 One Mile Radius Map (includes existing & planned roads,
sites, pipelines, and other facilities)

Exhibit No. 5 Production Facilities Layout

Exhibit No. 6 Drilling Rig Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNATURE

James C. Anderson

TITLE

Dist. Prod. Mgr.

DATE

7/3/91

(This space for Federal or State office use)

PERMIT NO.

RECEIVED

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

CONDITIONS OF APPROVAL

SEP 12 1991

TITLE

SEP 16 1991

AREA MANAGER

OIL CON. DIV.

NMCCD

*See Instructions On Reverse Side

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

EXHIBIT NO. 3
Page 1 of 2

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

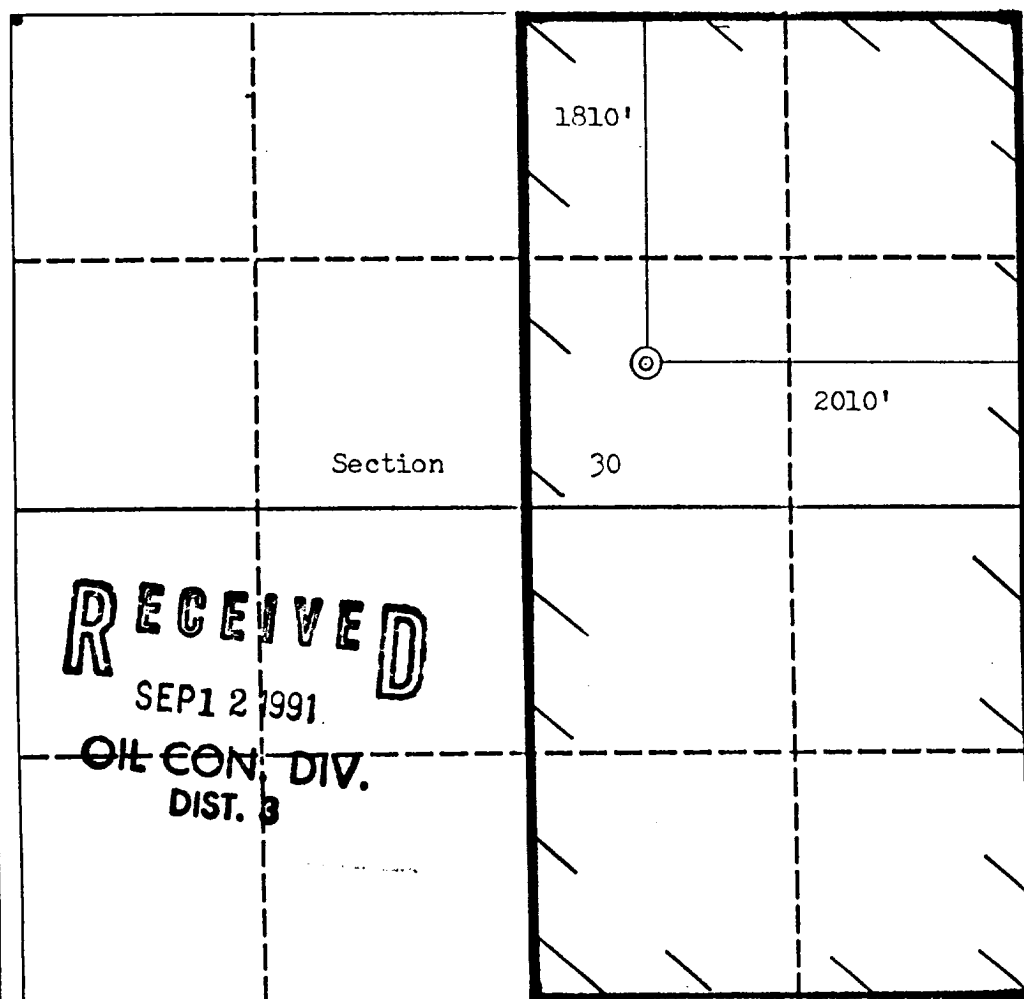
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

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	Basin Basin Fruitland Coal		Dedicated Acreage: 320 Acres	
<p>1. Outline the acreage dedicated in the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</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 <i>James C. Anderson</i> 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 <i>Richard L. Sinkiewicz</i> REGISTERED PROFESSIONAL SURVEYOR 11225 Certificate No. 11225 Richard L. Sinkiewicz	

131N, R4W, Sec. 30; NE¼
1810 FNL 2010 FEL
Rio Arriba County, NM

KEY:

● Proposed Mitchell FC Gas Wells

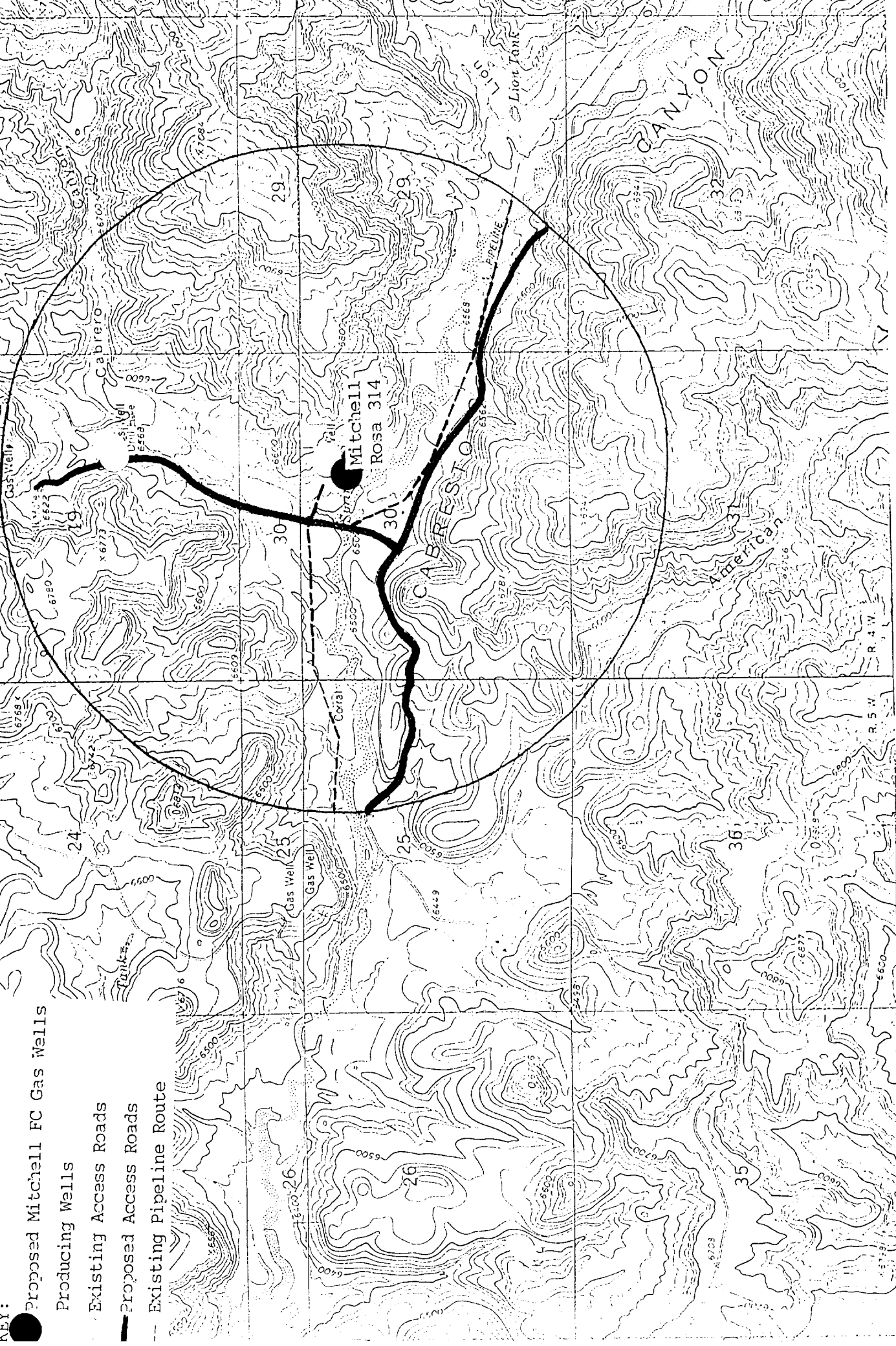
○ Producing Wells

— Existing Access Roads

— Proposed Access Roads

- - - Existing Pipeline Route

EXHIBIT NO. 4



12. LESSEE'S AND OPERATOR'S REPRESENTATIVE:

ENGINEERING

Mitchell Energy Corporation
555 17th Street, Suite 3500
Denver, CO 80202
(303) 292-4455

Mr. James C. Anderson
Ms. Joanie Seay

RIGHT-OF-WAY


Trigon Engineering, Inc.
4100 E. Main
Farmington, NM 87401
(505) 325-1266

Mr. Mark Smith
Right-of-Way Supervisor

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by Mitchell Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for this filing of a false statement.

Date: 7/3/91


Mr. James C. Anderson
District Production Manager