

30-039-24821

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work <p style="text-align: center;">Drill</p>		5. Lease Number <p style="text-align: center;">NM-18323</p>	
1b Type of Well <p style="text-align: center;">Gas</p>		6. If Indian, Name of Allottee or Tribe	
2. Operator <p style="text-align: center;">FALCON SEABOARD GAS COMPANY</p>		7. Unit Agreement Name	
3. Address & Phone No. of Operator <p style="text-align: center;">c/o A. R. Kendrick Box 516, Aztec, NM 87410 (505) 334-2555</p>		8. Farm or Lease Name <p style="text-align: center;">29-4 Carson 24</p>	
4. Location of Well <p style="text-align: center;">(Unit M) 840' FSL 1065' FWL</p>		9. Well Number <p style="text-align: center;">1</p>	
14. Distance in Miles from Nearest Town <p style="text-align: center;">15 Miles southwest of Dulce, NM</p>		10. Field, Pool, or Wildcat <p style="text-align: center;">Basin-Fruitland Coal Gas Pool</p>	
15. Distance from Proposed Location To Nearest Property Line or Lease Line. 840'		11. Section, Township, & Range, Meridian, or Block <p style="text-align: center;">M-24-29N-4W</p>	
16. Acres in Lease <p style="text-align: center;">640 Acres</p>		12. County <p style="text-align: center;">Rio Arriba</p>	
17. Acres Assigned to Well <p style="text-align: center;">W-320 Acres</p>		13. State <p style="text-align: center;">New Mexico</p>	
18. Distance From Proposed Location To Nearest Well Dr., Compl., Or Applied For On Lease. 141'		19. Proposed Depth <p style="text-align: center;">4000'</p>	
20. Rotary or Cable Tools <p style="text-align: center;">Rotary</p> <p style="font-size: small;">DRILLING OPERATIONS AND/OR ARE SUBJECT TO THE RULES AND ATTACHED REGULATIONS</p>		21. Elevations (DR, RT, GR, Etc.) <p style="text-align: center;">7010' GR</p>	
22. Approximate Date Work Will Start. <p style="text-align: center;">As soon as Possible.</p>		23. Proposed Casing and Cementing Program	

Exhibits attached as follows:

- | | |
|--------------------------------------|-----------------------------------|
| "A" Location and Elevation Plat | "F" Drill Rig Layout |
| "B" Ten-Point Compliance Program | "G" Completion Rig Layout |
| "C" Blowout Preventer Schematic | "H" Location Profile |
| "D" Multi-Point Requirements for APD | "I" Production Facility Schematic |
| "E" Vicinity Map - Access Roads | |

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

24. Signed *A.R. Kendrick* Title _____ Agent _____ Date *4-5-90*

Permit No. _____ Approval Date _____

Approved by _____ Title _____

RECEIVED

**APPROVED
AS AMENDED**

JUL 9 1990

OIL CON. DIV.

JUL 6 1990
[Signature]
AREA MANAGER

NOTE: THIS FORMAT IS ISSUED BY U.S. BLM FORM 3160-3.

Submit to Appropriate
District Office
State Lease - 4 copies
For 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

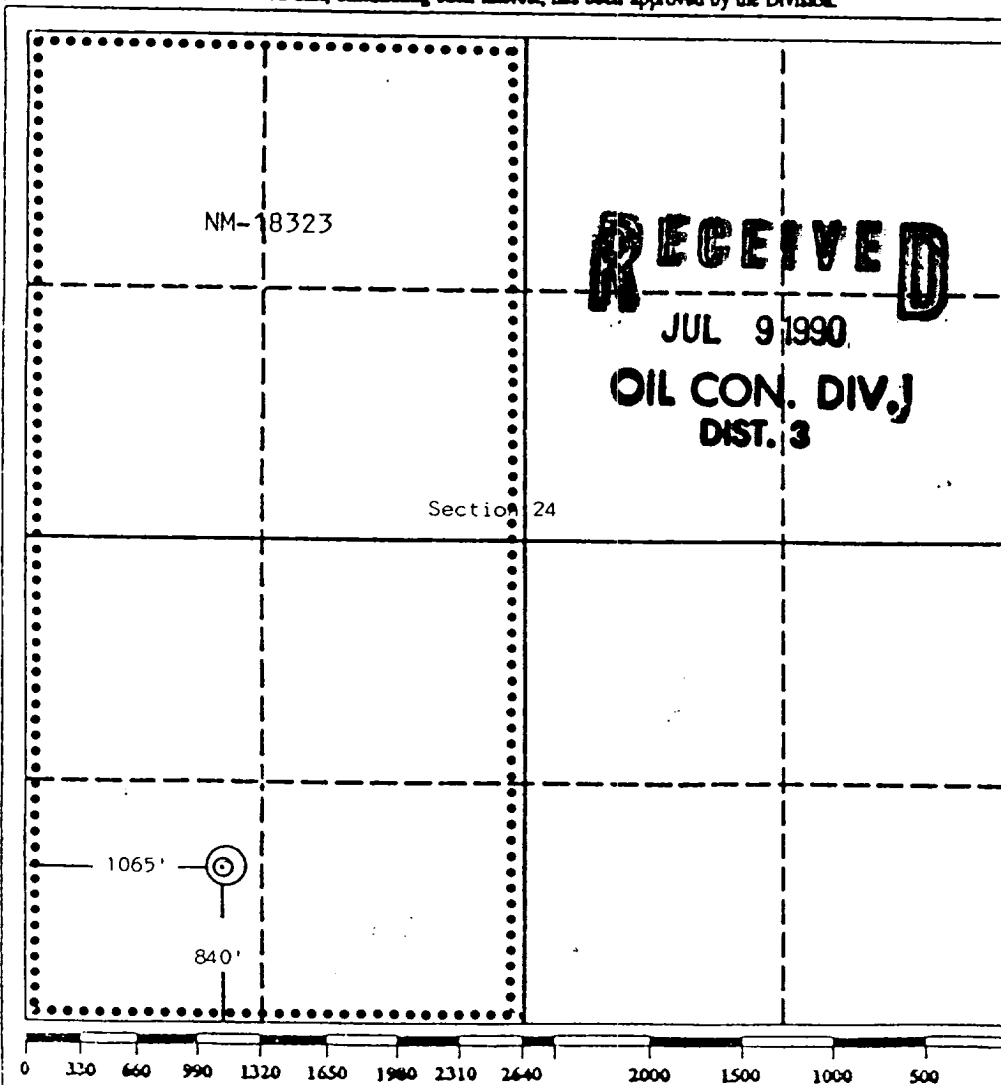
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Falcon Seaboard Gas Company			Lease 29-4 Carson 24		Well No. 1
Unit Letter M	Section 24	Township 29 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 840 feet from the South line and 1065 feet from the West line					
Ground level Elev. 7010	Producing Formation Fruitland Coal	Pool Basin-Fruitland Coal Gas Pool		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 <i>A. R. Kendrick</i>
Printed Name A. R. Kendrick
Position Agent
Company Falcon Seaboard Gas Co.
Date 4-5-90

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 March 23, 1990
Signature & Seal of Professional Surveyor <i>Edgar Risenhoover</i> EDGAR RISENHOOVER NEW MEXICO 5979 Edgar Risenhoover

A

TEN-POINT COMPLIANCE PROGRAM

1

Falcon Seaboard Gas Company
29-4 Carson 24 #1
840' FSL 1065' FWL Sec. 24-29N-4W
Rio Arriba County, New Mexico
Lease No. **18323**

1. THE GEOLOGICAL SURFACE FORMATION IS: Nacimiento.
2. THE ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

OJO ALAMO	3245'
KIRTLAND	3413'
FRUITLAND	3538'
PICTURED CLIFFS	3691'
T.D.	4000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
GAS	Fruitland Coal	3538'

4. THE PROPOSED CASING PROGRAM WILL BE AS FOLLOWS:

<u>DEPTH</u>	<u>HOLE SIZE</u>	<u>O.D.</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TYPE</u>	<u>NEW/USED</u>
0-250'	12-1/4"	8-5/8"	24	K-55	ST&C	NEW
0-TD	7-7/8"	5-1/2"	15.5	J-55	ST&C	NEW

THE PROPOSED CEMENT PROGRAM WILL BE AS FOLLOWS:

Surface: 200 Sx Class B w/1/4# Flocele/Sx Plus 3% CaCl.

Production: 350 Sx Class B w/3% Sodium meta silicate followed by 150 Sx Class B 50/50 poz w/2% gel.

Note: Sufficient cement volume to cover casing bottom to top to be determined after logging.

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Exhibit C is a schematic of the blowout preventer used by a local contractor for other wells in the area. The BOPs are to be test-operated before drilling out from under the surface casing, and operation checks will be made daily thereafter and recorded in the Daily Drilling Report. Accessories to BOP will include floor safety valve and choke manifold with pressure rating equivalent to the BOP stack.

EXHIBIT B

180

29-4 Carson 24 #1

R43

357