

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK *30-039-24793*

1a. Type of Work <p style="text-align: center;">Drill</p>		5. Lease Number <p style="text-align: center;">NM-10431</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;"><i>29-4</i> Carson 12</p>	
4. Location of Well <p style="text-align: center;">(Unit H) 1770' FNL 960' FEL</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. 960'		11. Section, Township, & Range, Meridian, or Block <p style="text-align: center;"><i>4</i> 12-29N-4W</p>	
16. Acres in Lease <p style="text-align: center;"><i>1760.04</i> 1919.26 Acres</p>		12. County <p style="text-align: center;">Rio Arriba</p>	
17. Acres Assigned to Well <p style="text-align: center;">E-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. 170.9'		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 AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"</p>		21. Elevations (DR, RT, OR, Etc.) <p style="text-align: center;">7050' OR</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
"B" Ten-Point Compliance Program
"C" Blowout Preventer Schematic
"D" Multi-Point Requirements for APD
"E" Vicinity Map - Access Roads

"F" Drill Rig Layout
"G" Completion Rig Layout
"H" Location Profile
"I" Production Facility Schematic

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OIL CON. DIV.
DIST. 3

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

Permit No. _____ Approval Date _____ **APPROVED**

Approved By _____ Title _____ Date *JUN 05 1990*
Ken Townsend
FOR AREA MANAGER

NOTE: THIS FORMAT IS ISSUED IN LIEU OF U.S. BLM FORM 3160-3.

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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 1940, 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

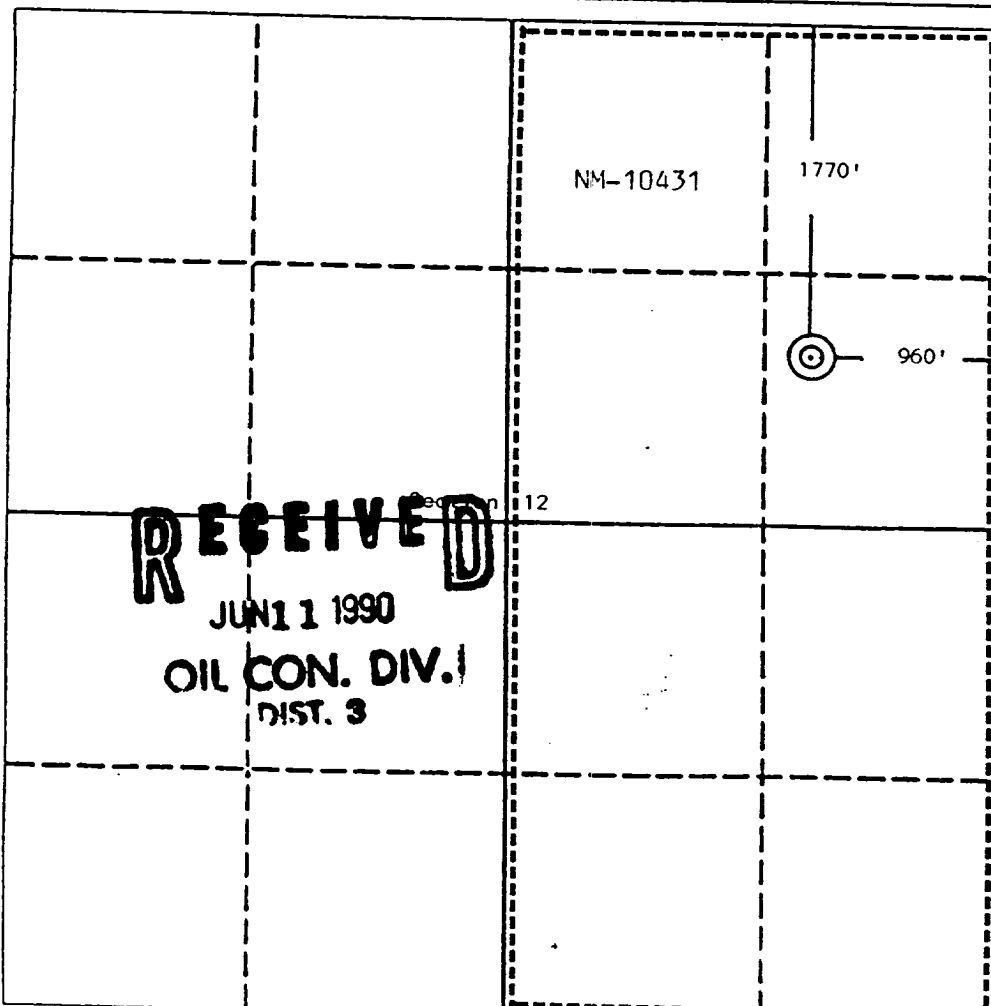
All Distances must be from the outer boundaries of the section

Operator Falcon Seaboard Gas Company			Lease 29-4 Carson 12		Well No. 1
Unit Letter H	Section 12	Township 29 North	Range 4 West	County Rio Arriba	

Actual Footage Location of Well:
1770

feet from the North line and		960		feet from the East line	
Ground level Elev. 7050	Producing Formation Fruitland coal	Pool 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

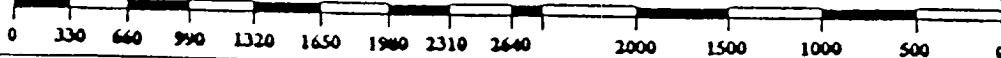
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
A. R. Kendrick
Printed Name
A. R. Kendrick
Position
Agent
Company
Falcon Seaboard Gas Co
Date
April 2, 1990

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 Signed
Signature and Seal of Professional Surveyor
Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover, P.S.



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TEN-POINT COMPLIANCE PROGRAM

1

Falcon Seaboard Gas Company
29-4 Carson 12 #1
1770' FSL 960' FEL Sec. 12-29N-4W
Rio Arriba County, New Mexico
Lease No. **10431**

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

OJO ALAMO	3175'
KIRTLAND	3423'
FRUITLAND	3536'
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	3536'

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 with 1/4 pound/sack Flocele 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

