

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
Frontier Energy Corporation

3. ADDRESS OF OPERATOR
750 Bering Suite 502, Houston, Texas 77057

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: SW 1/4, SEC-20, T-32N, R-4W, 1525' FSL 750' FWL
At proposed prod. zone: Fruitland

5. LEASE DESIGNATION AND SERIAL NO.
NM-28277

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
A-boles 20-A #11

9. WELL NO.
WC Fruitland

10. FIELD AND POOL, OR WILDCAT
L Sec-20, T-32N, R-4W

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec-20, T-32N, R-4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
65 miles N.E. of Blanco, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1525' FSL
750' FWL

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
One mile

19. PROPOSED DEPTH
4120'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7402' GR

22. APPROX. DATE WORK WILL START*
July 1, 1984

23. SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM
"GENERAL REQUIREMENTS"

This action is subject to administrative appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#	0-175'	376.20 Cu. Ft. - To Surface
8-3/4"	7"	15.5#	0-4000'	125.00 Cu. Ft.

Operator will drill to a depth sufficient to log (4100') and test the Pictured Cliffs and Fruitland Formations for gas, if productive, will set casing and complete. If non-productive, well will be abandoned in a manner consistent with Federal Regulations. No zones above the Fruitland will be tested.

Exhibits attached:

- I. Ten Point Compliance Program
- II. Multipoint Requirements for APD
- III. Exhibits
- 1. BOP Schematic (A & B)
- 2. Location & Elevation Plat
- 3. Access Road Maps (A & B)
- 4. Radius Map
- 5. Production Facilities
- 6. Cut & Fill Cross Section
- 7. Drilling Rig Layout (A & B)
- 8. Letter of Agent
- 9. Cultural Resource Survey

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. SIGNED *[Signature]* TITLE Vice President-Oper.

(This space for Federal or State office use)

PERMIT NO. *SEP 07 1984* APPROVAL DATE *SEP 05 1984*

APPROVED BY *Oil CON. DIV.* TITLE *Oil CON. DIV.*

CONDITIONS OF APPROVAL, IF ANY: *Oil CON. DIV.*

APPROVED
DATE June 7th, 1984
[Signature]
AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions On Reverse Side

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plate, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

OIL CONSERVATION DIVISION

EXHIBIT 2 -

P. O. BOX 2088

Form C-102
Revised 10-1-79

STATE OF NEW MEXICO

SANTA FE, NEW MEXICO 87501

ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

Operator Frontier Energy Corporation			Lease Arboles 204		Well No. 204 #14
Unit Letter L	Section 20	Township 32N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1525 feet from the South line and 750 300 feet from the West line					
Ground Level Elev. 7402	Producing Formation Fruitland		Pool Wildcat	Dedicated Acreage: 160 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 interests 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 interests, has been approved by the Commission.

Sec		20	
750 300'		1525'	
RECEIVED SEP 07 1984 OIL CON. DIV. DIST. 3			

Scale: 1"=1000'

CERTIFICATION

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

Name
David W. Hatchett
Position
VP - Operations
Company
Frontier Energy Corporation
Date
August 20, 1984

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
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No. 3950