

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23272
5. LEASE DESIGNATION AND SERIAL NO.
USA ST-28277

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
Technigas Incorporated (303) 264-4753

3. ADDRESS OF OPERATOR
P.O. Box 4369, Br-1, Pagosa Springs, Co. 81152

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
SW 1/4, SEC-29, T-32N, R-4W-1525', FSL & 1540' FWL
Fruitland

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
65 miles northeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1525' FSL 1540' FWL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7263' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9-5/8"	36#	0-175'
7-7/8"	5-1/2"	17"	0-4000'

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME

9. WELL NO.
Arboles 9

10. FIELD AND POOL, OR WILDCAT
Fruitland (Wildcat)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 29, T-32N, R-4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
July 12, 1983

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

Cement to surface (100sx)
Approx. 280 sx

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 Production Vice Pres. DATE June 30th, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 11 1983

TITLE

OIL CON. DIV.
DIST. 3

WMOCC

APPROVED

AS AMENDED

DATE

AUG 10 1983

[Signature]
AREA MANAGER
FARMINGTON RESOURCE AREA

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 the 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 plats, 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.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

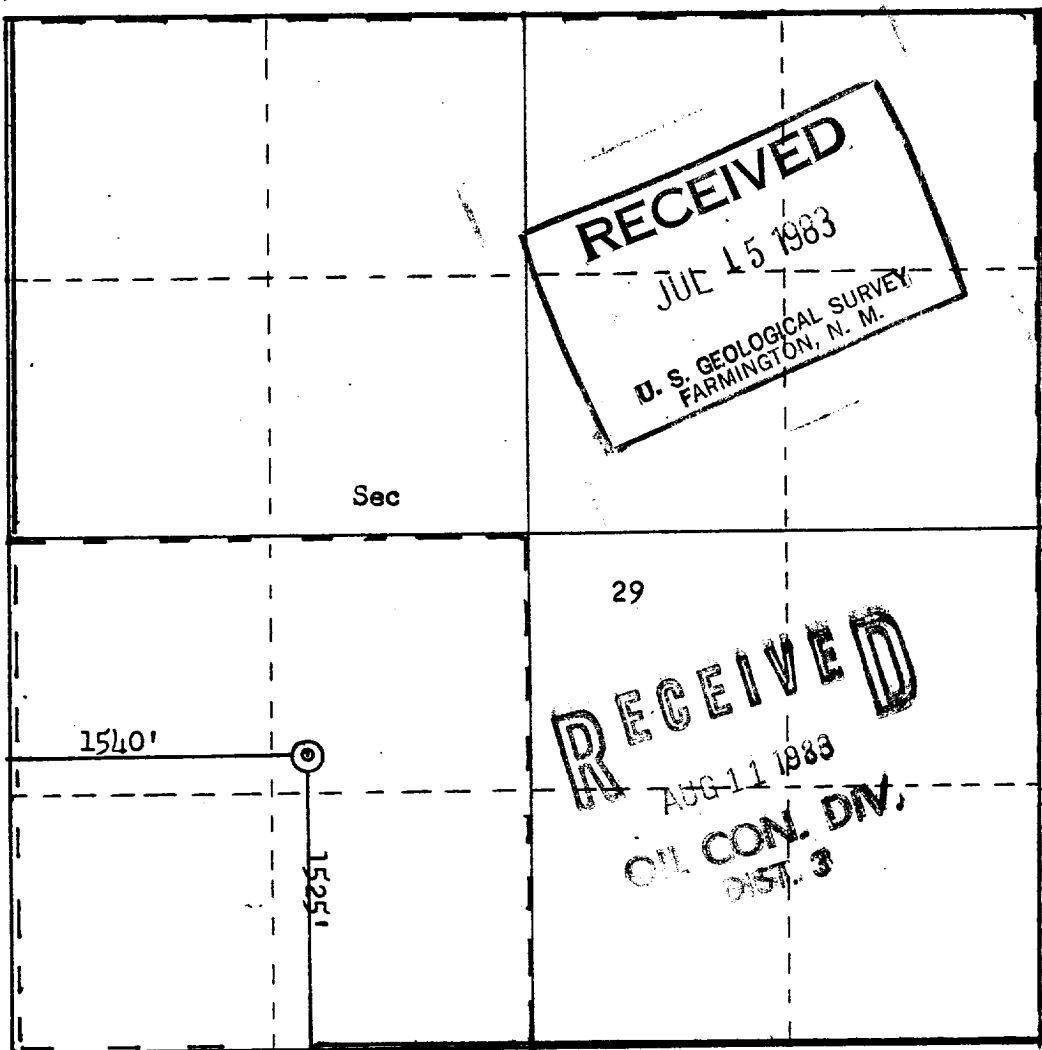
Operator Technigas Incorporated			Lease Arboles		Well No. 9-Alpha
Unit Letter K	Section 29	Township 32N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1525 feet from the South line and 1540 feet from the West line					
Ground Level Elev: 7263	Producing Formation Fruitland		Pool Wildcat	Deeded Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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? **Not Acceptable**

☐ 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.



Scale: 1"=1000'

CERTIFICATION

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

James W. Pittman
Name

Production Vice Pres.

Position

Technigas Incorporated

Company

June 30th, 1983

Date

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 10, 1983

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 4, AREA 1A
3950