

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-5058

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL		5. Lease Number SF-078894	
1b Type of Well GAS		6. If Indian, Name of Tribe or Allottee	
2. Operator Parker and Parsley Petroleum Company		7. Unit Agreement Name ROSA UNIT	
3. Address & Phone No. of Operator SA. R. KENDRICK BOX 516, AZTEC, NM 87410 (505) 334-2555		8. Farm or Lease Name ROSA UNIT	
4. Location of Well 1490' 230' (Unit L) 1575' FSL 395' FWL		9. Well Number 312	
14. Distance in Miles from Nearest Town 17 MILES WEST OF DULCE, NM		10. Field, Pool, or Wildcat BASIN-FRUITLAND COAL GAS POOL	
15. Distance from Proposed Location To Nearest Property Line or Lease Line. 1575'		11. Section, Township, & Range, Meridian, or Block L-28-31N-4W	
16. Acres in Lease 2284.16 Acres		12. County RIO ARRIBA	
17. Acres Assigned to Well W-320		13. State NEW MEXICO	
18. Distance From Proposed Location To Nearest Well Dr., Compl., Or Applied For On Lease. 4658'		19. Proposed Depth 3820'	
20. Rotary or Cable Tools ROTARY This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.		21. Elevations (DF, RT, GR, Etc.) 6702 6710 GR	
22. Approximate Date Work Will Start. As soon as Possible.		23. Proposed Casing and Cementing Program:	

Exhibits attached as follows:

- | | |
|--------------------------------------|-----------------------------------|
| "A" Location and Elevation Plat | "F" Location Profile |
| "B" Vicinity Map - Access Roads | "G" Drill Rig Layout |
| "C" Ten-Point Compliance Program | "H" Completion Rig Layout |
| "D" Multi-Point Requirements for APD | "I" Production Facility Schematic |
| "E" Blowout Preventer Schematic | 2M BOP System |

24. Signed AR Kendrick Title Agent Date July 9, 1990

Permit No. _____ Approval Date _____

Approved By _____ Title _____ Date _____

**APPROVED
AS AMENDED**

APR 08 1991
AREA MANAGER

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

NMOC

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 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

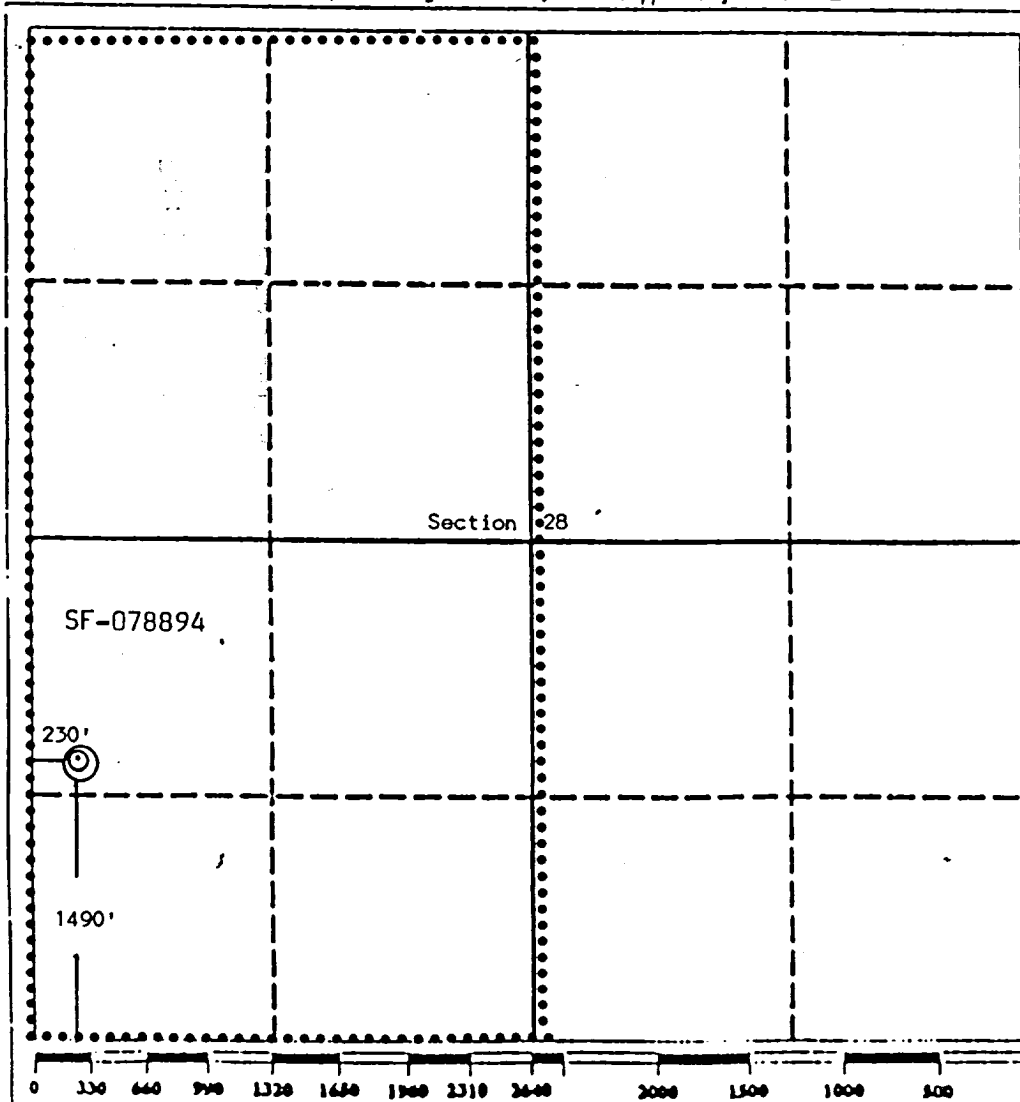
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <u>Parker & Parsley Petroleum Co.</u> <u>Evergreen Operating Corporation</u>		Lease <u>Rosa Unit</u>		Well No. <u>312</u>
Unit Letter <u>L</u>	Section <u>28</u>	Township <u>31 North</u>	Range <u>4 West</u>	County <u>Rio Arriba</u>
Actual Footage Location of Well: <u>1490</u> feet from the <u>South</u> <u>230</u> feet from the <u>West</u> line				
Ground level Elev. <u>6702</u>	Producing Formation <u>Fruitland Coal</u>	Pool <u>Basin Fruitland Coal Gas</u>	Dedicated Acreage: <u>320</u> 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 (such 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.

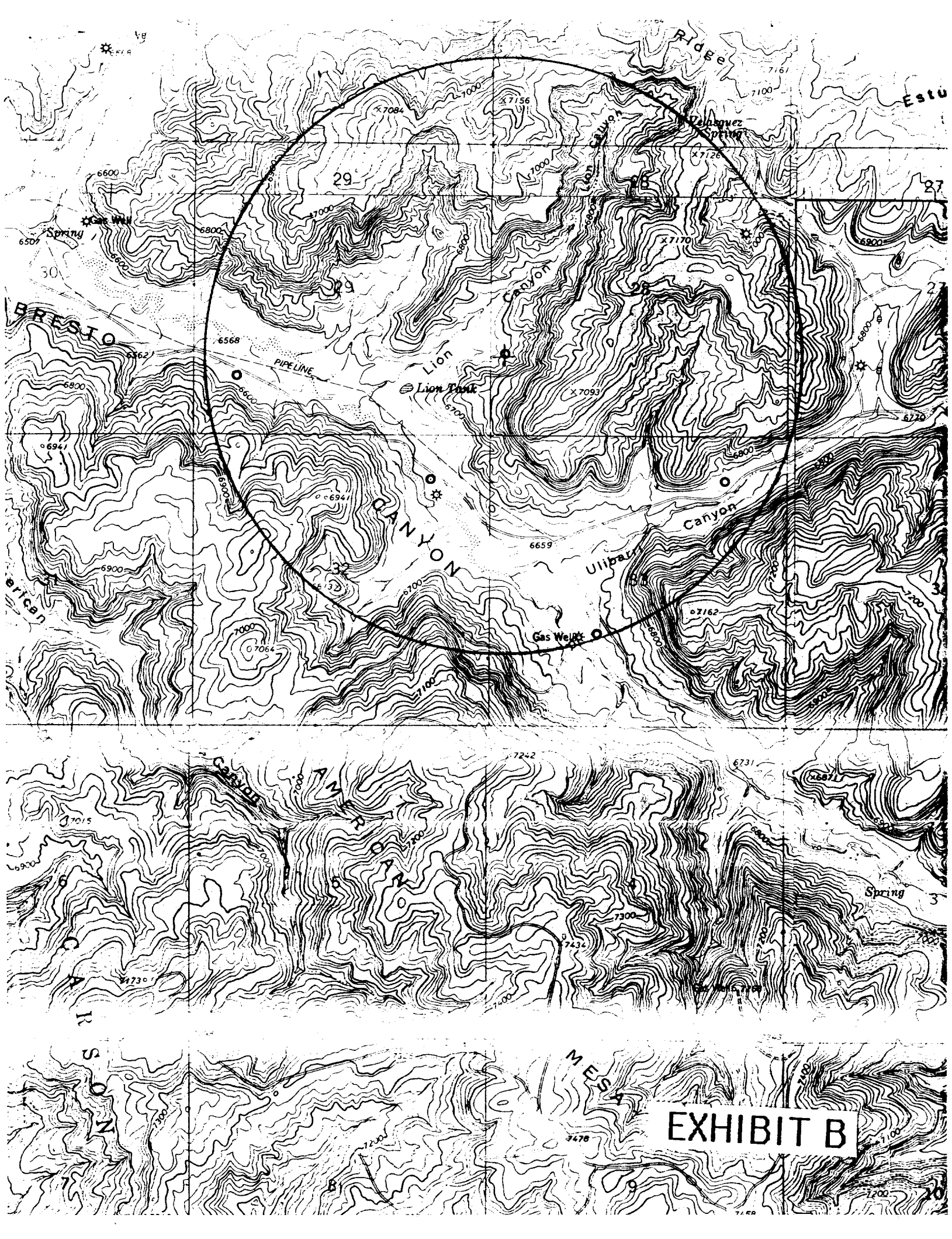
Signature A. R. Kendrick
Printed Name A. R. Kendrick
Position Agent
Company Parker & Parsley Pet. Co.
Date August 3, 1990

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 Surveyed July 19, 1990

Signature & Seal of Professional Surveyor
Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover
REGISTERED LAND SURVEYOR
NEW MEXICO



TEN-POINT COMPLIANCE PROGRAM

1

Parker and Parsley Petroleum Company
Rosa Unit #312
1575' FSL 395' FWL Sec 28-T31N-R4W
Elev. 6710' GR
Lease No. SF-078894

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

Ojo Alamo	2985'
Kirtland	3150'
Fruitland	3445'
Fruitland Coal	3500'
Pictured Cliffs	3570'
Total Depth	3820'

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

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
GAS	Fruitland Coal	3500'

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>
0-350'	12-1/4"	9-5/8"	36	K-55	ST&C	NEW
0-TD	7-7/8"	5-1/2"	15.5	K-55	ST&C	NEW

THE PROPOSED CEMENT PROGRAM WILL BE AS FOLLOWS:

Surface: 190 Sx Class B w/1/4# Flocele/Sx plus 2% CaCl.

Production: 500 Sx Class B w/2% Calcium Chloride and 0.5 cubic feet per sack perlite followed by 222 Sx Class B 50/50 poz w/2% gel, 0.4% NaCl and 1/4 pound/sack Flocele, possibly in two stages with the stage collar 200 to 300 feet above the coal.

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

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Exhibit E 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 C