

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-24936

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 (Unit M) 960' FSL 1065' FWL	9. Well Number 313
14. Distance in Miles from Nearest Town 18 MILES WEST OF DULCE, NM	10. Field, Pool, or Wildcat BASIN-FRUITLAND COAL GAS POOL
	11. Section, Township, & Range, Meridian, or Block M - 29-31N-4W
	12. County RIO ARRIBA
	13. State NEW MEXICO
15. Distance from Proposed Location To Nearest Property Line or Lease Line. 960'	16. Acres in Lease 2284.16 Acres
	17. Acres Assigned to Well W-320
18. Distance From Proposed Location To Nearest Well Dr., Compl., Or Applied For On Lease. 7484'	19. Proposed Depth 3810'
	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.) 6645'	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
"B" Vicinity Map - Access Roads
"C" Ten-Point Compliance Program
"D" Multi-Point Requirements for APD
"E" Blowout Preventer Schematic

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

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REG. REQUIREMENTS".

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

Permit No. **RECEIVED** Approval Date AS AMENDED

Approved By SEP 24 1990 Title Oil Con. Div. Date SEP 19 1990

OIL CON. DIV.:

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

NMOCD

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 1950, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Branca Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Parker & Parsley Pet Co.
Evergreen Operating Corporation

Rosa Unit

313

Unit Letter M	Section 29	Township 31 North	Range 4 West	County NMNM	Rio Arriba
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Actual Footage Location of Well:

960

feet from the South

line and

1065

feet from the

West

line

Ground level Elev. 6645	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres
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- Outline the acreage dedicated to the subject well by colored pencil or machine 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, force-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

Evergreen Operating Corp.

Date

June 22, 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

June 14, 1990

Signature & Seal of
Professional Surveyor

Edgar L. Hisehoo
EDGAR L. HISEHOOVER
NEW MEXICO
5979
5979

EXHIBIT A



TEN-POINT COMPLIANCE PROGRAM

1

Parker and Parsley Petroleum Company
Rosa Unit #313
960' FSL 1065' FWL Sec 29-T31N-R4W
Elev. 6645' GR
Lease No. **SF-078894**

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

Ojo Alamo	2875'
Kirtland	3090'
Fruitland	3405'
Fruitland Coal	3415'
Pictured Cliffs	3555'
Total Depth	3810'

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

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
GAS	Fruitland Coal	3415'

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