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OIL CON. DIV

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-039-25293

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work <b>DRILL</b>		5. Lease Number <b>SF-078890</b>	
1b Type of Well <b>GAS</b>		6. If Indian, Name of Tribe or Allottee	
2. Operator <b>Parker and Parsley Petroleum Company</b>		7. Unit Agreement Name <b>ROSA UNIT</b>	
3. Address & Phone No. of Operator <b>XA. R. KENDRICK BOX 516, AZTEC, NM 87410 (505) 334-2555</b>		8. Farm or Lease Name <b>ROSA UNIT 4164</b>	
4. Location of Well <b>(Unit L) 1840' FSL 1020' FWL</b>		9. Well Number <b>286 288</b>	
14. Distance in Miles from Nearest Town <b>16 Miles west of Dulce, NM</b>		10. Field, Pool, or Wildcat <b>71629 BASIN-FRUITLAND COAL GAS POOL</b>	
15. Distance from Proposed Location To Nearest Property Line or Lease Line. <b>1840'</b>		11. Section, Township, & Range, Meridian, or Block <b>4-31N-4W</b>	
16. Acres in Lease <b>2539.56 Acres</b>		12. County <b>RIO ARRIBA</b>	
17. Acres Assigned to Well <b>S - 320 Acres</b>		13. State <b>NEW MEXICO</b>	
18. Distance From Proposed Location To Nearest Well Dr, Compl., Or Applied For On Lease. <b>3407'</b>		19. Proposed Depth <b>4100'</b>	
20. Rotary or Cable Tools <b>ROTARY</b>		21. Elevations (DF, RT, GR, Etc.) <b>6995' GR</b>	
22. Approximate Date Work Will Start. <b>As soon as Possible.</b>		23. Proposed Casing and Cementing Program: <b>See Attachment "C".</b> <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.</small>	
Exhibits attached as follows: <b>"A" Location, Elevation &amp; Acreage Plat "B" Vicinity Map - Access Roads "C" Ten-Point Compliance Program "D" Multi-Point Requirements for APD "E" Blowout Preventer Schematic</b>		<b>"F" Location Profile Sheet "G" Drill Rig Layout "H" Completion Rig Layout "I" Production Facility Schematic</b>	

24. Signed *AR Kendrick* Title \_\_\_\_\_ Agent \_\_\_\_\_ Date **May 10, 1991**

Permit No. not warrant that the applicant holds legal or equitable rights or title to this lease. Approval Date \_\_\_\_\_  
Approved By *AR Kendrick* Title \_\_\_\_\_  
**APPROVED AS AMENDED**  
**JUL 30 1993**  
**DISTRICT MANAGER**

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

NMOCD

7664  
Evergreen  
Spr Co

CHRYSTAL  
C. H. H. H. H. H.

FLORIAN TONFRO

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 Parker and Parsley Petroleum Company			Lease Rosa Unit		Well No. 286-288
Unit Letter L	Section 4	Township 31 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 1840 feet from the South line and 1020 feet from the West line					
Ground level Elev. 6995	Producing Formation Fruitland Coal		Pool Basin-Fruitland Coal		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

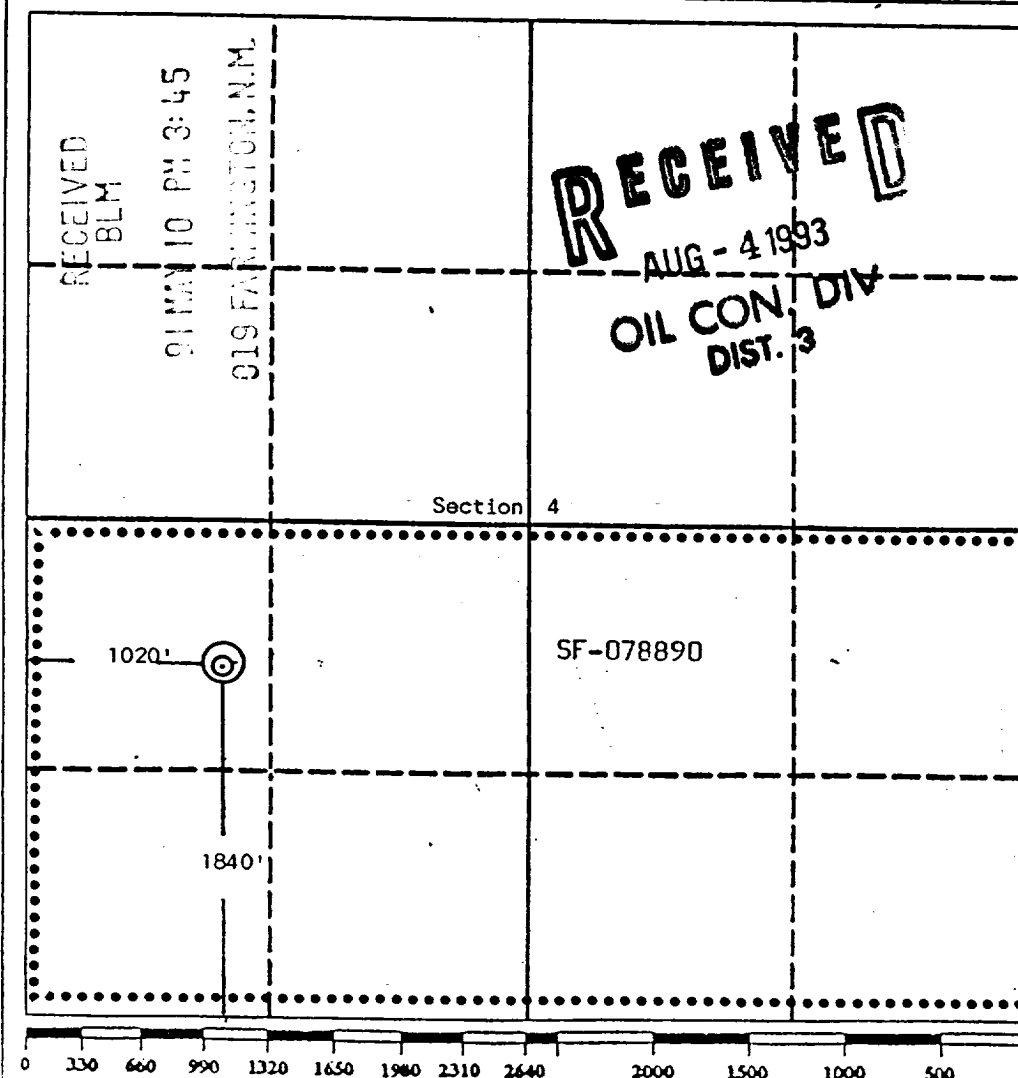
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the 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 Petroleum  
Date  
May 9, 1991

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  
April 29, 1991  
Signature & Seal of Professional Surveyor  
Edgar L. Risenhoover  
Certificate No. 3979  
Edgar L. Risenhoover, P.S.

EXHIBIT A

## TEN-POINT COMPLIANCE PROGRAM

**Parker and Parsley Petroleum Company**

**Rosa Unit #286** *288*

1840' FSL 1020' FWL, Sec. 4-T31N-R4W

Elev. 6995' GR

Lease No. **SF-078890**

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

Ojo Alamo	3210'
Kirtland	3345'
Fruitland	3713'
Fruitland Coal	3855'
Pictured Cliffs	3843'
Total Depth	4100'

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

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
GAS	Fruitland Coal	3855'

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.

