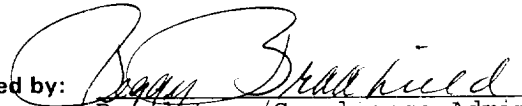


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|---|---|
| 1a. Type of Work DRILL | 5. Lease Number SF-046563 Unit Reporting Number |
| 1b. Type of Well GAS | 6. If Indian, All. or Tribe |
| 2. Operator BURLINGTON RESOURCES Oil & Gas Company | 7. Unit Agreement Name |
| 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 | 8. Farm or Lease Name Feasel A 6998 9. Well Number 1R |
| 4. Location of Well 1470' FNL, 995' FWL Latitude 36° 37.3, Longitude 107° 55.5 | 10. Field, Pool, Wildcat Fulcher Kutz Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 32, T-28-N, R-10-W API # 30-045- 79770 |
| 14. Distance in Miles from Nearest Town 4 miles to Bloomfield | 12. County San Juan 13. State NM |
| 15. Distance from Proposed Location to Nearest Property or Lease Line 995' | 17. Acres Assigned to Well 160.00 |
| 16. Acres in Lease | |
| 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400' | |
| 19. Proposed Depth 2046' | 20. Rotary or Cable Tools Rotary |
| 21. Elevations (DF, FT, GR, Etc.) 5888' GR | 22. Approx. Date Work will Start |
| 23. Proposed Casing and Cementing Program See Operations Plan attached | DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" |
| 24. Authorized by:  Regulatory/Compliance Administrator | 12-15-98 Date |

PERMIT NO. _____

APPROVAL DATE **FEB 16 1999**

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management DATE _____

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-1
Revised February 21, 1998

District II
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office:
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

98 DEC 01 PM 3:03

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

070 N. 10TH, N.M.
WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|---|--------------------|---|
| API Number 30-045-29770 | | Pool Code 77200 | Pool Name Fulcher Kutz Pictured Cliffs |
| Property Code 6998 | Property Name FEASEL A | | Well Number 1R |
| GRID No. 14538 | Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY | | Elevation 5888' |

10 Surface Location

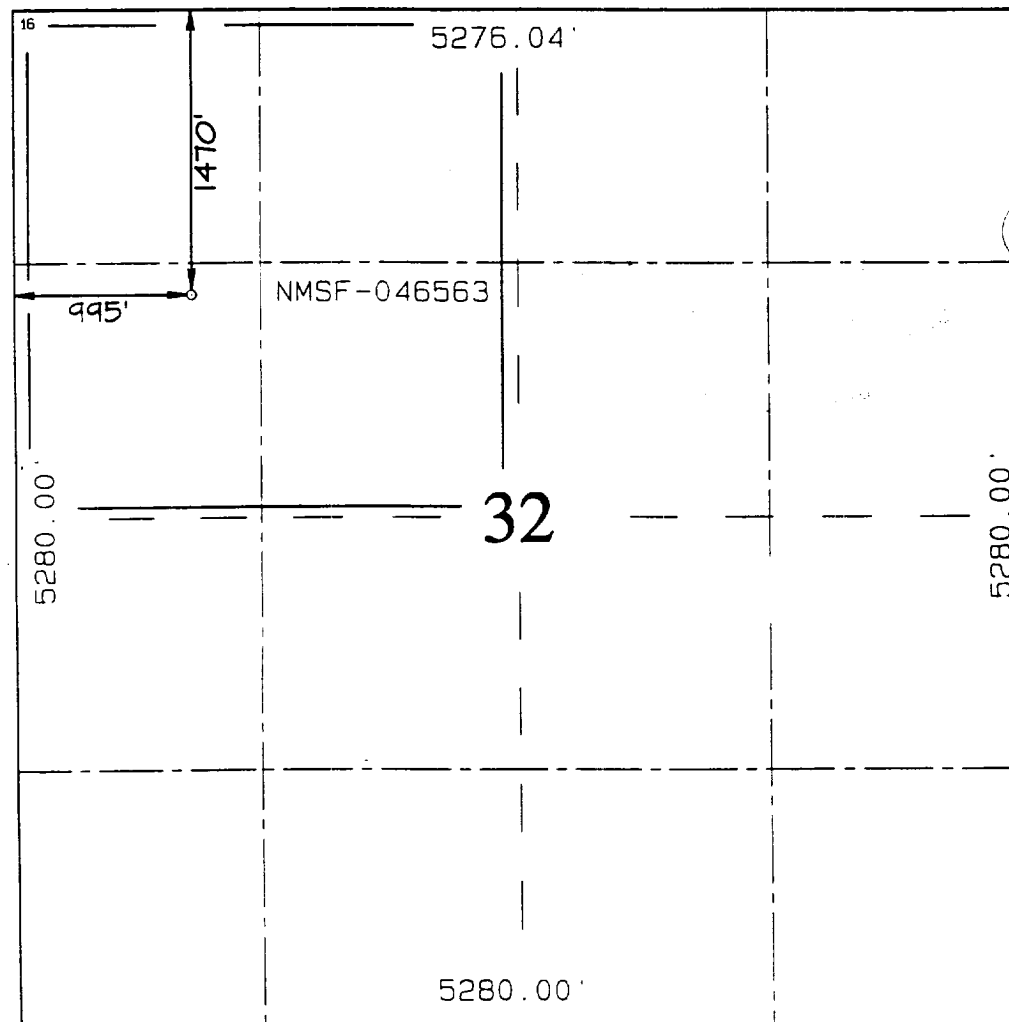
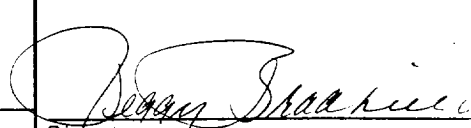
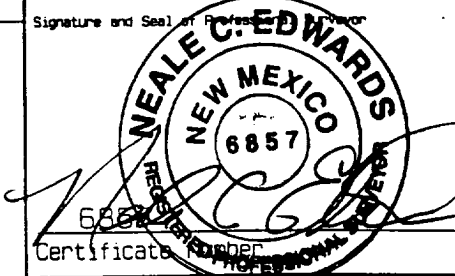
| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| E | 32 | 28N | 10W | | 1470 | NORTH | 995 | WEST | SAN JUAN |

11 Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres 160 | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|---------------------------|--------------------|-----------------------|--------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | |
|--|--|
|  | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 12-15-98 Date</p> |
| | <p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>AUGUST 20, 1998 Date of Survey</p> <p> Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number</p> |

OPERATIONS PLAN

Well Name: Feasel A #1R
Location: 1470' FNL, 995' FWL, Section 32, T-28-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 37.3, Longitude 107° 55.5
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5888'GR

| Formation: | Top | Bottom | Contents |
|--------------------|--------------|--------|----------|
| Surface | Nacimiento | 815' | |
| Ojo Alamo | 815' | 938' | aquifer |
| Kirtland | 938' | 1644' | |
| Fruitland | 1644' | 1846' | gas |
| Pictured Cliffs | 1846' | | gas |
| Total Depth | 2046' | | |

Logging Program: Cased hole - GR/CCL

Mud Program:

| <u>Interval</u> | <u>Type</u> | <u>Weight</u> | <u>Vis.</u> | <u>Fluid Loss</u> |
|-----------------|---------------|---------------|-------------|-------------------|
| 0- 120' | Spud | 8.4-9.0 | 40-50 | no control |
| 120-2046' | Non-dispersed | 8.4-9.5 | 30-60 | no control |

Casing Program (as listed, equivalent, or better):

| <u>Hole Size</u> | <u>Depth Interval</u> | <u>Csq.Size</u> | <u>Wt.</u> | <u>Grade</u> |
|------------------|-----------------------|-----------------|------------|--------------|
| 8 3/4" | 0 - 120' | 7" | 20.0# | J-55 |
| 6 1/4" | 0 - 2046' | 3 1/2" | 9.3# | J-55 |

Tubing Program: - none

Float Equipment: 7" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

3 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 938'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 938'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

1470' FNL & 995' FWL, SECTION 32, T28N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

NO NEW CONSTRUCTION
SW/NW SECTION 32, T28N, R10W.

