


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-078511 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> 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 Quinn 7407 9. Well Number 1B
4. Location of Well 660' FNL, 660' FWL Latitude 36° 53.6, Longitude 107° 42.6	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 20, T-31-N, R-8-W API # 30-045-39942
14. Distance in Miles from Nearest Town 5 miles to Navajo Dam Post Office	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	17. Acres Assigned to Well 10/320.00
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 6070'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6494' 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	6-11-99 Date

PERMIT NO. \_\_\_\_\_

APPROVAL DATE JUN 24 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  
District II  
PO Drawer 00, Artesia, NM 88211-0719

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-1  
Revised February 21, 1999  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <u>29942</u>		*Pool Code 72319	*Pool Name Blanco Mesaverde (Prorated Gas)
*Property Code 7407	*Property Name QUINN		*Well Number 1B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5494'

#### <sup>10</sup> Surface Location

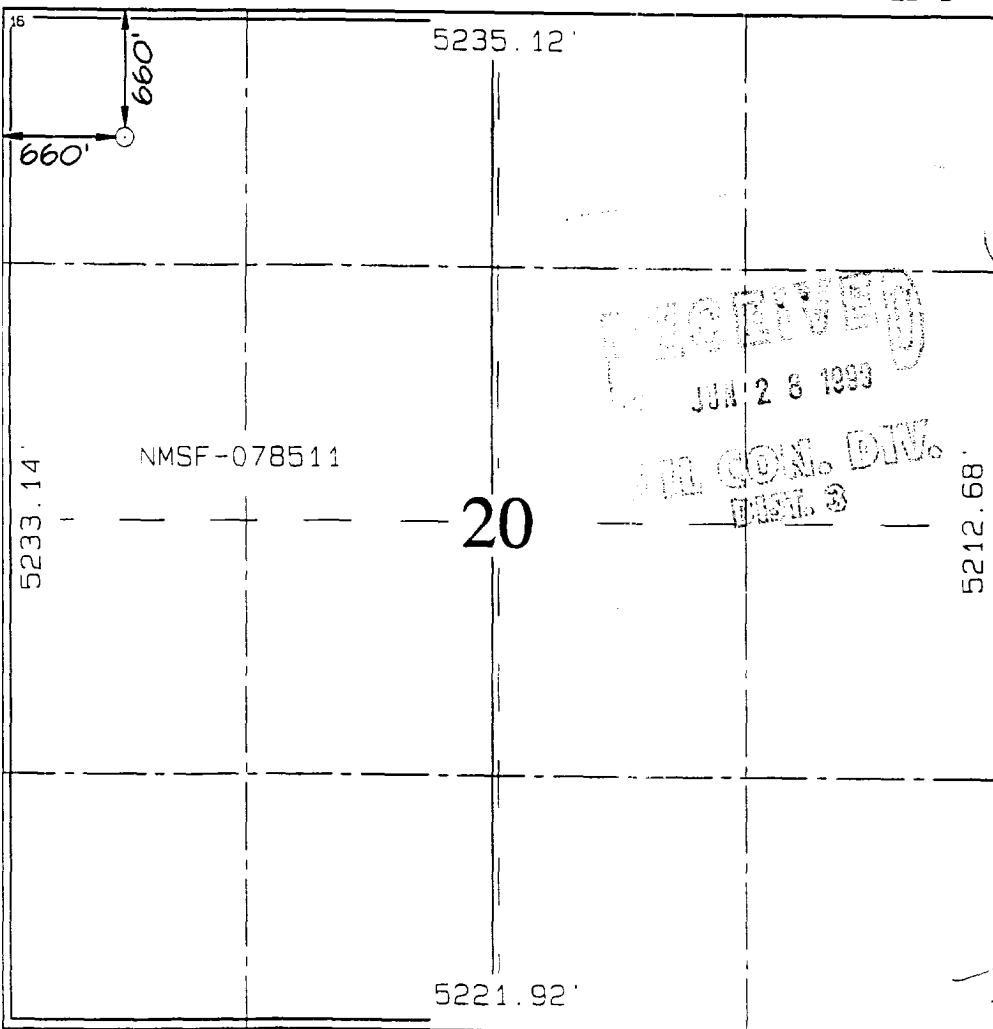
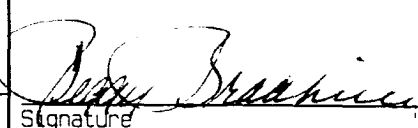
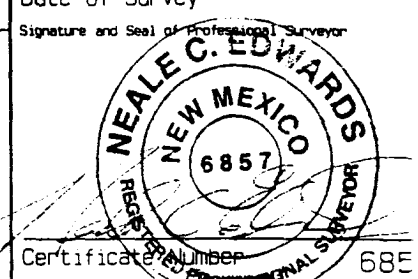
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	31N	8W		660	NORTH	660	WEST	SAN JUAN

#### <sup>11</sup> 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

<sup>12</sup> Dedicated Acres W/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained hereon is true and complete to the best of my knowledge and belief.   Signature Peggy Bradfield Printed Name Regulatory Administrator Title 6-11-99 Date
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision, and that the same is true and correct to the best of my belief.  MARCH 11, 1999 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 685

OPERATIONS PLAN

**Well Name:** Quinn #1B  
**Location:** 660' FNL, 660' FWL, Sec. 20, T-31-N, R-8-W  
 San Juan County, NM  
 Latitude 36° 53.6 Longitude 107° 42.6  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6494'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2154'	
Ojo Alamo	2154'	2219'	
Kirtland	2219'	2868'	
Fruitland	2868'	3384'	
Pictured Cliffs	3384'	3495'	
Lewis	3495'	4122'	
<b>Intermediate TD</b>	<b>3595'</b>		
Mesa Verde	4122'	4507'	
Chacra	4507'	5279'	
Massive Cliff House	5279'	5341'	
Menefee	5341'	5670'	
Massive Point Lookout	5670'		
<b>TD</b>	<b>6070'</b>		

**Logging Program:**

Cased hole - GR/CBL - surface to TD

**Mud Program:**

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3595'	LSND	8.4-9.0	30-60	no control
3595-6070'	Gas	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3595'	7"	20.0#	J-55
6 1/4"	3495' - 6070'	4 1/2"	10.5#	J-55

**Tubing Program:**

0' - 6070'      2 3/8"      4.70# EUE

**BOP Specifications, Wellhead and Tests:****Surface to Intermediate TD -**

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).  
 After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY QUINN #1B

660' FNL & 660' FWL, SECTION 20, T31N, R8W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

250' NEW BLM CONSTRUCTION  
SW/4 SECTION 17, T31N, R8W

650' NEW FEE CONSTRUCTION  
NWN/4 SECTION 20, T31N, R8W.

