

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 NM-58887 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Newco 7361 9. Well Number 2A
4. Location of Well 1870' FNL, 855' FEL Latitude 36° 58.3, Longitude 107° 48.9	10. Field, Pool, Wildcat Blanco Mesa Verde 72319 11. Sec., Twn, Rge, Mer. (NMPM) Sec 19, T-32-N, R-9-W API# 30-045-29652
14. Distance in Miles from Nearest Town 4 miles to Cedar Hill	12. County SJ 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 855'	
16. Acres in Lease	17. Acres Assigned to Well 316.6
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 6071 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6599' 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: <i>John B. Shadfield</i> Regulatory/Compliance Administrator	4-17-98 Date

PERMIT NO. _____ APPROVAL DATE **AUG 18 1998**
APPROVED BY _____ TITLE _____ 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-102
Revised February 21, 1994

District II
PO Box 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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29652		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7361	Property Name NEWCO		Well Number 2A
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6599'

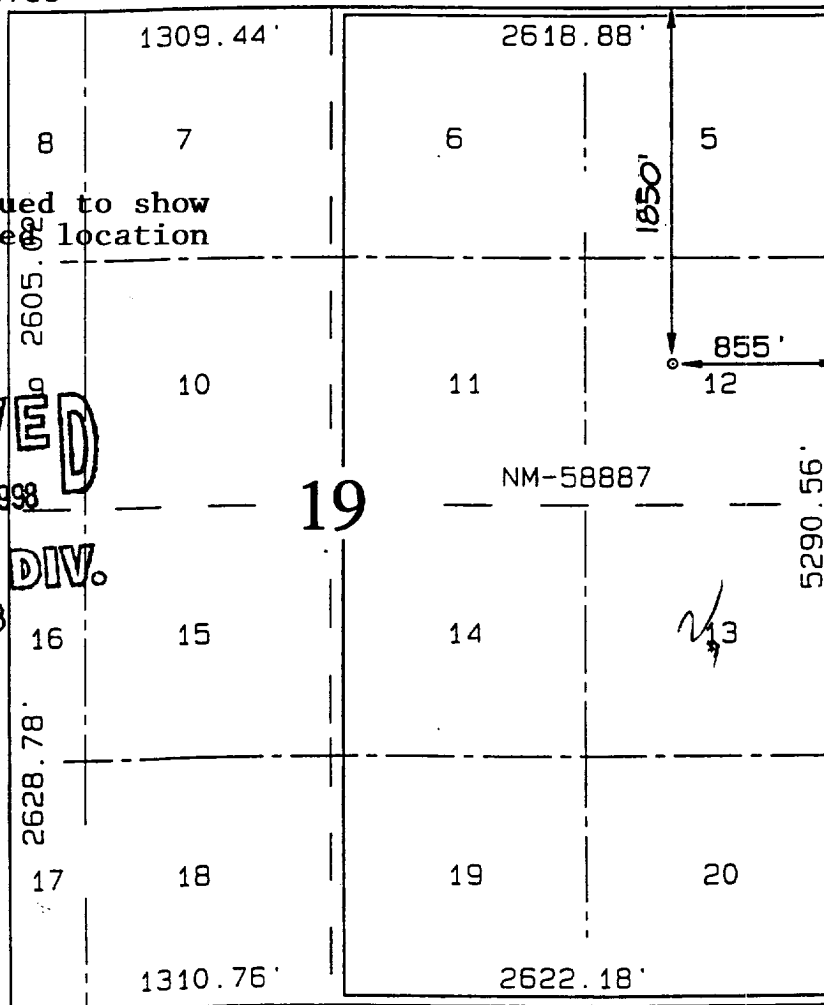
10 Surface Location

UL or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	32N	9W		1850	NORTH	855	EAST	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
Dedicated Acres E/316.60		Joint or Infill		Consolidation Code		Order No.			

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradford
Signature

Peggy Bradford
Printed Name

Regulatory Administrator
Title

6-8-98
Date

18 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 belief.

JULY 28, 1998
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
Certification Number
PROFESSIONAL SURVEYOR

404.58'

OPERATIONS PLAN

Well Name: Newco #2A
Location: 1870' FNL, 855' FEL Section 19, T-32-N, R-9-W
San Juan County, New Mexico
Latitude 36° 58.3, Longitude 107° 48.9
Formation: Blanco Mesa Verde
Elevation: 6599' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1861'	aquifer
Ojo Alamo	1861'	1946'	aquifer
Kirtland	1946'	2629'	
Fruitland	2629'	3347'	
Pictured Cliffs	3347'	3480'	gas
Lewis	3480'	4089'	gas
Intermediate TD	3580'		
Huerfanito Bentonite	4089'	4567'	
Chacra	4567'	5321'	
Massive Cliff House	5321'	5364'	gas
Menefee	5364'	5671'	gas
Massive Point Lookout	5671'		gas
Total Depth	6071'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring/DST - none

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
200-3580'	LSND	8.4-9.0	30-60	no control
3580-6071'	Gas/Mist	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' - 3580'	7"	20.0#	J-55
6 1/4"	3480' - 6071'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6071' 2 3/8" 4.7# J-55

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.

SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

600' SE/NE SECTION 19, T32N, R9W

