

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
MAY 20 AM 8:28
BLM

1a. Type of Work DRILL	5. Lease Number NM-01772A 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 Reid 18607 9. Well Number #18A
4. Location of Well 1300' FSL, 735' FEL Latitude 36° 39.5, Longitude 107° 49.4	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) P Sec.18, T-28-N, R-9-W API # 30-045-29902
14. Distance in Miles from Nearest Town 4 miles to Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 735'	
16. Acres in Lease	17. Acres Assigned to Well S/ 301.29
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	
19. Proposed Depth 4730'	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.) 5764' 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	_____ Date

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MAY - 7 1999
OIL CON. DIV.
DIST. 3

PERMIT NO. _____ APPROVAL DATE **MAY 04 1999**
APPROVED BY Jim Jacob TITLE Acting Team Lead 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.

Handwritten initials

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-10:
Revised February 21, 1999

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

MAY 20 AM 8:28

AMENDED REPORT

070 TANKSTATION, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29902		² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 18607	⁵ Property Name REID		⁶ Well Number 18A
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		⁹ Elevation 5764'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot (in)	Feet from the	North/South line	Feet from the	East/West line	County
P	18	28N	9W		1300	SOUTH	735	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot (in)	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres MV-S/301.29	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ 	<p>RECEIVED MAY - 7 1999 OIL CON. DIV. DEPT.</p>	<p>¹⁷ OPERATOR CERTIFICATION 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</p>	<p>Date</p>
	<p>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.</p>	<p>FEBRUARY 26 1999 Date of Survey</p>
	<p>Signature and Seal of Professional Surveyor </p>	<p>Certificate Number 6857</p>

OPERATIONS PLAN

Well Name: Reid #18A
 Location: 1300' FSL, 735' FEL, Sec 18, T-28-N, R-9-W
 San Juan County, NM
 Latitude 36° 39.5, Longitude 107° 49.4
 Formation: Blanco Mesa Verde
 Elevation: 5764'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	708'	
Ojo Alamo	708'	765'	aquifer
Kirtland	765'	1740'	gas
Fruitland	1740'	2050'	gas
Pictured Cliffs	2050'	2220'	gas
Lewis	2220'	2620'	gas
Huerfanito Bentonite	2620'	2630'	
Chacra	2630'	3580'	gas
Massive Cliff House	3580'	3698'	salt/gas
Menefee	3698'	4321'	gas
Massive Point Lookout	4321'	4680'	gas
Mancos	4680'		
TD	4730'		

Logging Program:

AIT/Dens/Temp - TD to 2220'
 GR/Neut - TD to surface
 CMR Log - TD to 3888'

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-9.0	40-50	no control
320-4730'	LSND	8.4-9.0	30-60	no control

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' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 4730'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 4730' 2 3/8" 4.70# EUE

BOP Specifications, Wellhead and Tests:Surface to 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.

BOP Specifications, Wellhead and Tests:Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

BURLINGTON RESOURCES OIL & GAS COMPANY REID #18A

1300' FSL & 735' FEL, SECTION 18, T28N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NE/SE SECTION 18, T28N, R9W.

