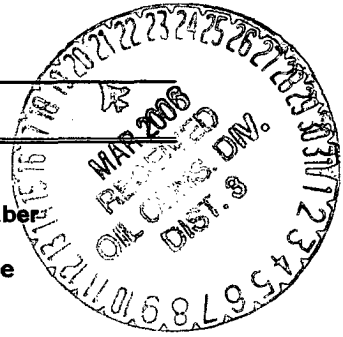


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK



1a. Type of Work DRILL	2004 NOV 2 6 10 06 RECEIVED OTO FARMING	5. Lease Number SF-078508 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 Nordhaus 9. Well Number #716S
4. Location of Well 445' FSL, 2350' FEL Latitude 36° 53.5162'N, Longitude 107° 43.8213'W <i>Lot 15</i>		10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) <i>0</i> Sec. 13, T31N, R09W API # 30-045- 32655
14. Distance in Miles from Nearest Town 18 miles to intersection Hwy 550 & 173, Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 445'		
16. Acres in Lease	17. Acres Assigned to Well E/2 316.87	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1347'		
19. Proposed Depth 3348'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6431' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <i>Joni Clark</i> Regulatory/Compliance Specialist	<i>10/12/04</i> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY *D. Martinez*

TITLE *AFM*

DATE *3/16/06*

Archaeological Report attached

Threatened and Endangered Species Report attached

HOLD C104 FOR *NSL*

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.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOC

HPA-OK

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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 - 32655		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7365	*Property Name NORDHAUS		*Well Number 716S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6431'

¹⁰ Surface Location

UL or lot no. 0	Section 13	Township 31-N	Range 9-W	Lot Idn 15	Feet from the 445'	North/South line SOUTH	Feet from the 2350'	East/West line EAST	County SAN JUAN
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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/2 316.87		*Joint or Infill		*Consolidation Code		*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

16		NMSF-078508-A	
LOT 4	LOT 3	LOT 2	LOT 1
LOT 5	LOT 6	LOT 7	LOT 8
13		USA SF-078508	
LOT 12	LOT 11	LOT 10	LOT 9
LOT 13	LOT 14	LOT 15	LOT 16
LAT: 36°53.5162' N, LONG: 107°43.8213' W, NAD 1927		2350' S 89-25-09 W 2612.09'	

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

Signature Joni Clark
Printed Name Joni Clark
Title Regulatory Specialist
Date 10-11-04

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.

Date of Survey 9-21-04
Signature and Seal of Professional Surveyor: Glen W. Russell
Certificate Number 15703

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

March 4, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-32655
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP		6. State Oil & Gas Lease No. NMSF-078508-A
3. Address of Operator 3401 E. 30TH STREET, FARMINGTON, NM 87402		7. Lease Name or Unit Agreement Name Nordhaus
4. Well Location Unit Letter O : 445 feet from the South line and 2350 feet from the East line Section 13 Township 31N Range 9W NMPM County San Juan, NM		8. Well Number 716S
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 14538
Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)		10. Pool name or Wildcat Basin Fruitland Coal
Pit Location: UL O Sect 13 Twp 31N Rng 9W Pit type New Drill Depth to Groundwater >100' Distance from nearest fresh water well >1000' Distance from nearest surface water >1000' Below-grade Tank Location UL Sect Twp Rng feet from the line and feet from the line		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: **New Drill Pit** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources proposes to construct a new drill pit. The new drill pit will be a lined pit as detailed in Burlington's general pit plan dated April 26, 2004 on file at the NMOCD office. Burlington Resources anticipates closing the pit according to the general pit permit on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE *Joni Clark* TITLE Sr. Regulatory Specialist DATE 10/11/2004

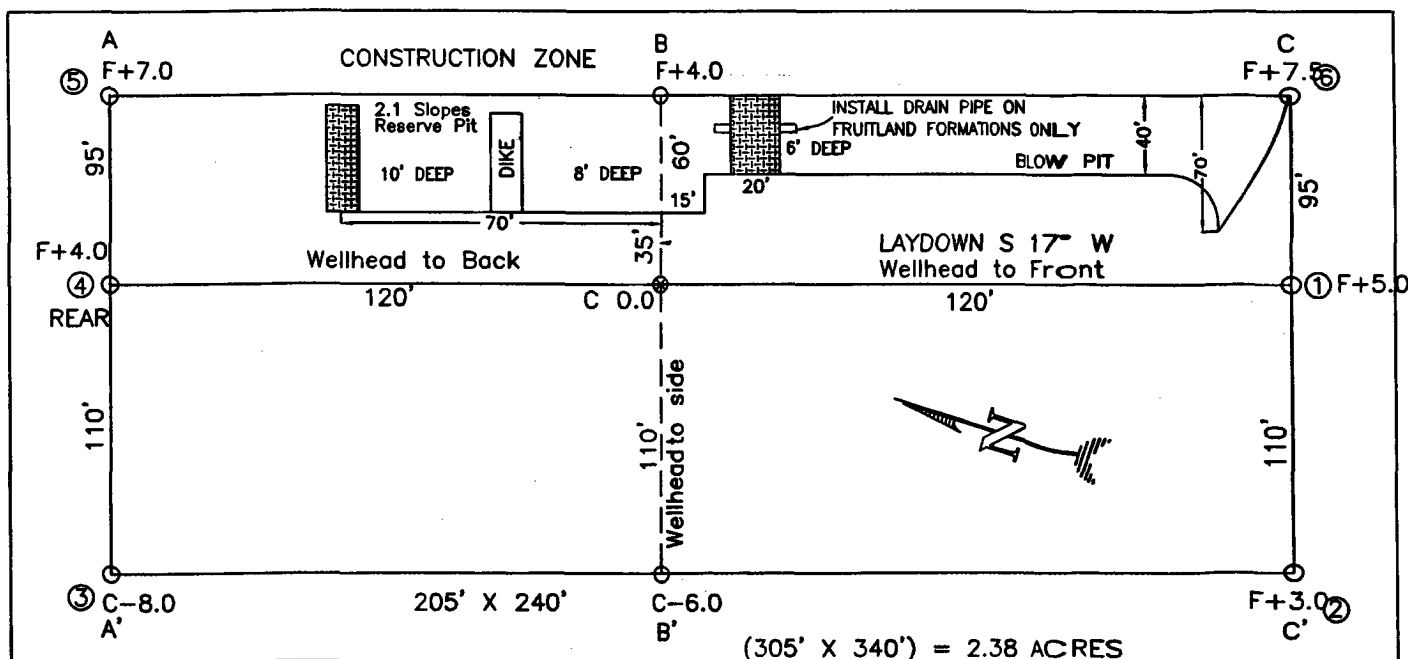
Type or print name Joni Clark E-mail address: jclark@br-inc.com Telephone No. 505-326-9700

(This space for State use)

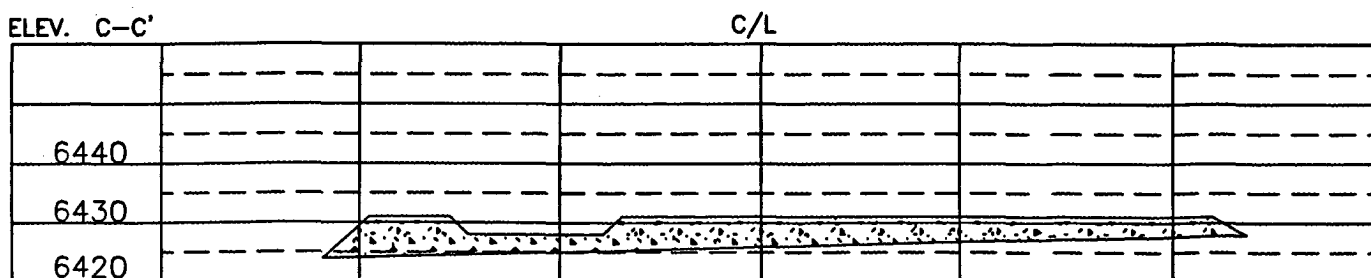
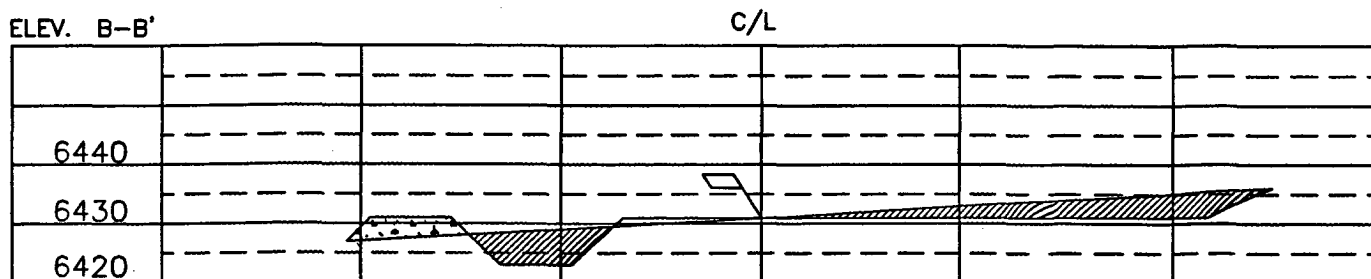
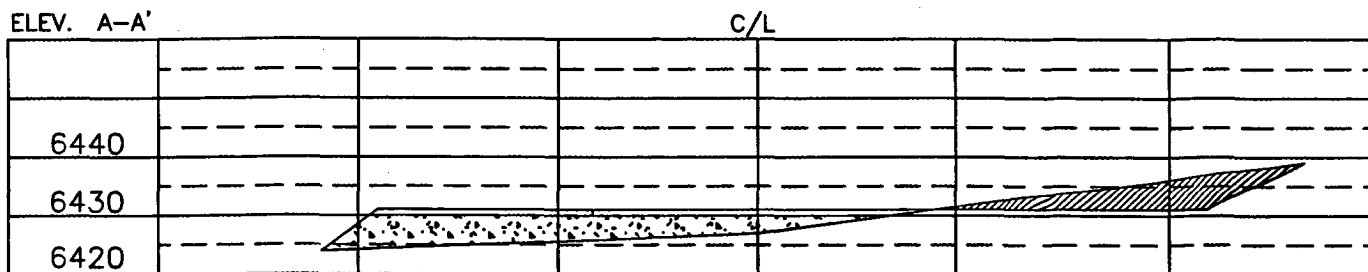
APPROVED BY *[Signature]* TITLE DEPUTY OIL & GAS SECRETARY, N.M. DATE MAR 20 2006

Conditions of approval, if any:

BURLINGTON RESOURCES OIL & GAS COMPANY LP
 NORDHAUS #716S, 445' FNL 2350' FEL
 SECTION 13, T-31-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
 GROUND ELEVATION: 6431', DATE: SEPTEMBER 10, 2004



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES
 ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

OPERATIONS PLAN

Well Name: Nordhaus #716S

Location: 445' FSL, 2350 FEL, Sec 13, T-31-N, R-9-W
San Juan County, NM

Latitude 36° 53.5162"N, Longitude 107° 43.8213"W

Formation: Basin Fruitland Coal

Total Depth: 3348

Burlington Resources is requesting a sump on this well.

Logging Program: See Walker Koch Wells Master Operations Plan

Mud Program: See Walker Koch Wells Master Operations Plan

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

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' -	120	9.625"	32.3#	H-40	113 cu.ft
8 3/4	0' -	2973	7"	20.0#	J-55	664 cu.ft
6 1/4	2973	3348	5 1/2"	15.5#	J-55	0 cu.ft

Tubing Program: See Walker Koch Wells Master Operations Plan

- * The Fruitland Coal formation will be completed.
- * The east half of Section 13 is dedicated to the Fruitland Coal formation in this well.
- * Gas is dedicated.


Drilling Engineer

10-12-04
Date