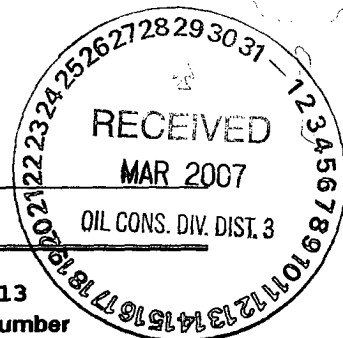


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 FEB 28 PM 3:40

1a. Type of Work DRILL	5. Lease Number USA SF-078213 Unit Reporting Number NM/NM-108314
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	
7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name McCord B 9. Well Number #1008
4. Location of Well Unit F (SENW), 1730' FNL & 1915' FWL, Latitude 36° 48.0802 N Longitude 108° 10.6024 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 23, T30N, R13W API # 30-045-34191
14. Distance in Miles from Nearest Town 3 miles/Farmington	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1730'	
16. Acres in Lease	17. Acres Assigned to Well 320 - (W/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 102' McCord B #1E	
19. Proposed Depth 1974'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5702' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	<u>2-28-07</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ATM DATE 3/27/07

Archaeological Report attached

Threatened and Endangered Species Report attached

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.

Example Master Plan Type 2

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

3/30/07

NMOCDS

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

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

2007 FEB 28 PM 3:40

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045 34191	Pool Code 71629	Pool Name BASIN (FRUITLAND COAL)
Property Code 7301	Property Name McCord B	Well Number 100S
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO. LP.	Elevation 5702

10 Surface Location

UL or lot no. F	Section 23	Township 30 N	Range 13 W	Lot Idn	Feet from the 1730	North/South line NORTH	Feet from the 1915	East/West line WEST	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
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Dedicated Acres 320	Joint or Infill	Consolidation Code	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 S 89°36'34" E 2642.51'	FEE	1730'	S 89°32'58" E 2641.98' (C)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Tracey N Monroe Date: Printed Name: Tracey N Monroe	
N 0°17'32" W 1915'	NAD 83 LAT: 36.801339° N LONG: 108.177337° W NAD 27 LAT: 36° 48.0802' N LONG: 108° 10.6024' W SECTION 23	S 0°25'39" W 2617.56'		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: 11/14/06 Signature and Seal of Professional Surveyor: MARSHALL W. LINDEEN NEW MEXICO LICENSED 17078 17078	
2651.82'	USA SF-078213	2653.92'	N 0°16'20" W N 89°59'28" W 2625.31'	S 0°11'56" E 2649.91'	N 89°59'52" W 2622.57'

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

May 27, 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- 3491
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. USA SF-078213
3. Address of Operator 3401 E. 30TH STREET, FARMINGTON, NM 87402		7. Lease Name or Unit Agreement Name McCord B
4. Well Location Unit Letter <u>F</u> : <u>1730'</u> feet from the <u>North</u> line and <u>1915'</u> feet from the <u>West</u> line Section <u>23</u> Township <u>30N</u> Rng <u>13W</u> NMPM County <u>San Juan</u>		8. Well Number 100S
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5702'		9. OGRID Number 14538
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Basin Fruitland Coal
Pit type <u>New Drill</u> Depth to Groundwater <u>50'</u> Distance from nearest fresh water well <u>>1000'</u> Distance from nearest surface water <u>4200'</u> Pit Liner Thickness: <u>12</u> mill Below-Grade Tank: Volume <u> </u> bbls; Construction Material <u> </u>		

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 COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: New Drill ☒

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.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCDD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Rhonda Rogers TITLE Regulatory Technician DATE 2/28/2007

Type or print name Rhonda Rogers E-mail address: rrogers@br-inc.com Telephone No. 505-326-9701

For State Use Only

APPROVED BY [Signature] TITLE SENIOR OIL & GAS INSPECTOR, DIST. 4 DATE MAR 30 2007

Conditions of Approval (if any):

GROUND ELEVATION: 5702 - DATE: NOVEMBER 14, 2006



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505)334-0408

BURLINGTON RESOURCES OIL & GAS CO. LP.

McCORD B # 1005 - 1730' FNL & 1915' FWL

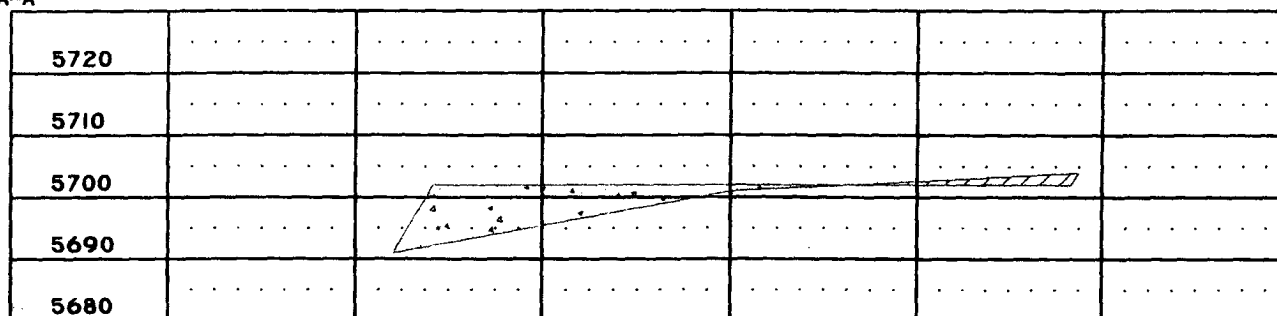
SECTION 23, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, N.M.

GROUND ELEVATION: 5702 - DATE: NOVEMBER 14, 2006

ELEVATION

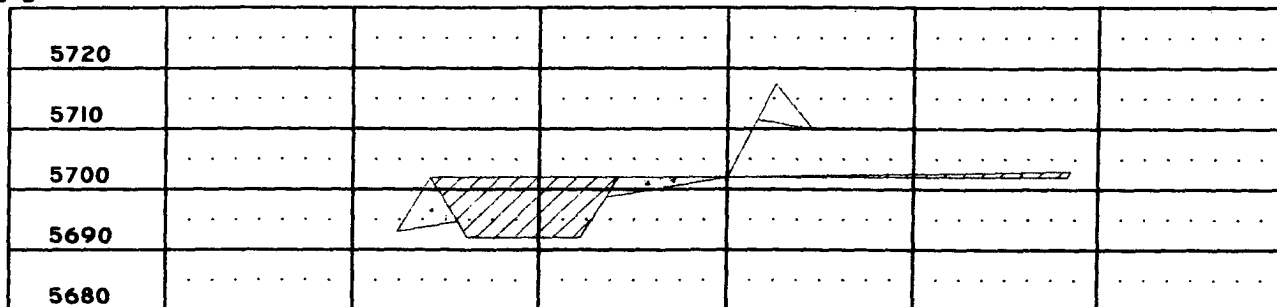
A-A'

ε



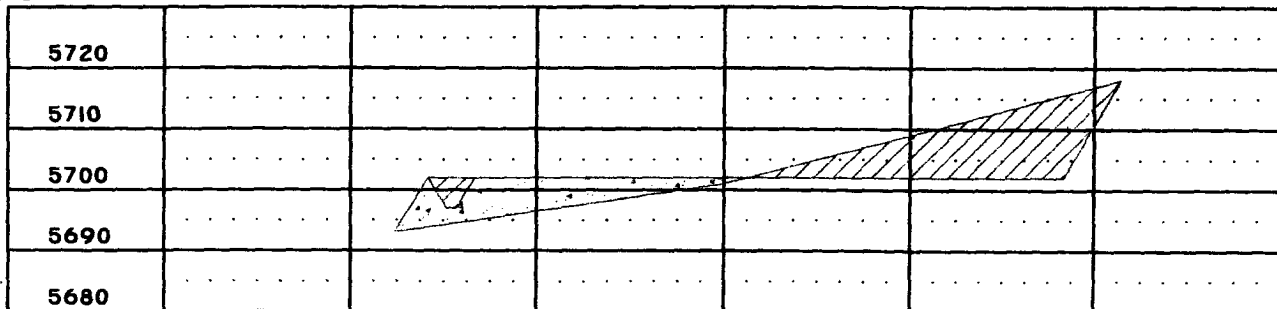
B-B'

ε



C-C'

ε



1" = 60' - HORIZ.

1" = 30' - VERT.

NOTES:

1.) CONTRACTOR SHOULD CALL "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONST.

2.) UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

SURVEYED: 11/14/06

REV. DATE:

APP. BY M.L.

DRAWN BY: H.S.

DATE DRAWN: 12/04/06

FILE NAME: 7298C01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505)334-0408

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MCCORD B 100S

Lease:		AFE #: WAN.CDR.7008		AFE \$: 200,034.31	
Field Name: hBR SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geoscientist: Clark, Dave D		Phone: 505-326-9762		Prod. Engineer: Phone:	
Res. Engineer: Schlabaugh, Jim L		Phone: 505-326-9788		Proj. Field Lead: Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
JCV	BASIN FRUITLAND COAL (GAS)				

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.801337	Longitude: -108.176707	X:	Y:	Section: 23	Range: 013W
Footage X: 1915 FWL		Footage Y: 1730 FNL		Elevation: 5702 (FT)	Township: 030N
Tolerance:					
Location Type: Year Round		Start Date (Est.):		Completion Date:	Date In Operation:
Formation Data: Assume KB = 5714 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	373' 120	5594	<input type="checkbox"/>		
FRUITLAND	1444	4270	<input type="checkbox"/>		
PICTURED CLIFFS	1774	3940	<input type="checkbox"/>		
Total Depth	1974	3740	<input checked="" type="checkbox"/>	175	
Remarks					
8-3/4" hole. 7" 20 ppf J-55 STC casing. Cement with 50 cuft. Circulate cement to surface.					
Gas					
Gas					
6-1/4" hole. 4-1/2" 10.5 ppf J-55 STC casing. Cement with 303 cuft. Circulate cement to surface.					

Reference Wells:		
Reference Type	Well Name	Comments

Logging Program:		
Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Diameter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
GR/CBL	

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - FCNM030N013W23NW1 Twin well is McCord B 1F NW23-30N-13W

ZonC. HARRADEN/ March 1, 2007 *CH*

GenBURLINGTON RESOURCES/ McCord B #100S APD

STIPULATION/CONDITION OF APPROVAL

This well is located in a growing area where home development is occurring and water wells are being drilled into the Ojo Alamo aquifer. In order to protect the integrity of the Ojo Alamo fresh water aquifer, a minimum surface csg. depth of 373' is stipulated

Printed on: 2/24/07 as a condition of approval for this APD.