

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 USA SF-078212 Unit Reporting Number	
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 9. Well Number #1028	
4. Location of Well Unit L (NWSW), 1780' FSL & 1020' FWL, Latitude 36° 48.6492 N Longitude 108° 11.8533 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 15, T30N, R13W API # 30-045-34201	
14. Distance in Miles from Nearest Town 4 miles/Farmington	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1020'	17. Acres Assigned to Well 320 - (W/2)	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drlg. Compl. or Applied for on this Lease 55' from McCord 1 (DK)		
19. Proposed Depth 1850'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5663' 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>3-5-07</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM 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

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
REGULATORY REQUIREMENTS.

3/30/07

NMOCDC

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

This action is subject to technical and
factual review pursuant to 43 CFR 3165.2
and 43 CFR 3165.3.

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. 87506

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

2007 MAR -5 PM 3:29 Submit to Appropriate District Office
 Fee Lease - 4 Copies
 Fee Lease - 3 Copies

RECEIVED
BLM ☐ AMENDED REPORT
210 FARMINGTON NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 34201	*Pool Code 71629	*Pool Name BASIN (FRUITLAND COAL)
*Property Code 7300	*Property Name McCORD	*Well Number 102S
*OGRI No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS CO. LP.	*Elevation 5663

10 Surface Location



U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	30 N	13 W		1780	SOUTH	1020	WEST	SAN JUAN

"Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
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10 Dedicated Acres 320	11 Joint or Infill	12 Consolidation Code	13 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

<p>16 N 89°35'00" E 2612.74'</p>	<p>2639.09'</p>	<p>N 89°29'57" E</p>	<p>2638.69'</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, and that this organization either owns a working interest or undivided 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: <u>Amanda Sanchez</u> Date: <u>12-21-06</u> Printed Name: _____ </p>
<p>USA SF-078212</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. Date of Survey: <u>11/14/06</u> Signature and Seal:  Certificate Number: <u>17078</u> </p>
<p>2615.59'</p>	<p>NAD 83 LAT: 36.810822° N LONG: 108.198186° W NAD 27 LAT: 36° 48.6492' N LONG: 108° 11.8533' W</p>	<p>SECTION 15</p>	<p>2608.45'</p>	<p>1020'</p>
<p>N 0°05'56" E 1780'</p>	<p>S 89°23'49" W 2592.99'</p>	<p>S 89°24'13" W</p>	<p>2593.15'</p>	<p>S 1°05'02" E</p>

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-

34201

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

USA SF-078212

7. Lease Name or Unit Agreement Name

McCord

8. Well Number

102S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

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.)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter L : 1780' feet from the South line and 1020' feet from the West line
Section 15 Township 30N Rng 13W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5663'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

<100'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

<200'

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

☐

TEMPORARILY ABANDON

☐

PULL OR ALTER CASING

☐

PLUG AND ABANDON

☐

CHANGE PLANS

☐

MULTIPLE COMPL

☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK

☐

COMMENCE DRILLING OPNS.

☐

CASING/CEMENT JOB

☐

ALTERING CASING

☐

P AND A

☐

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 NMOCD 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 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

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

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 1

DATE

MAR 30 2007

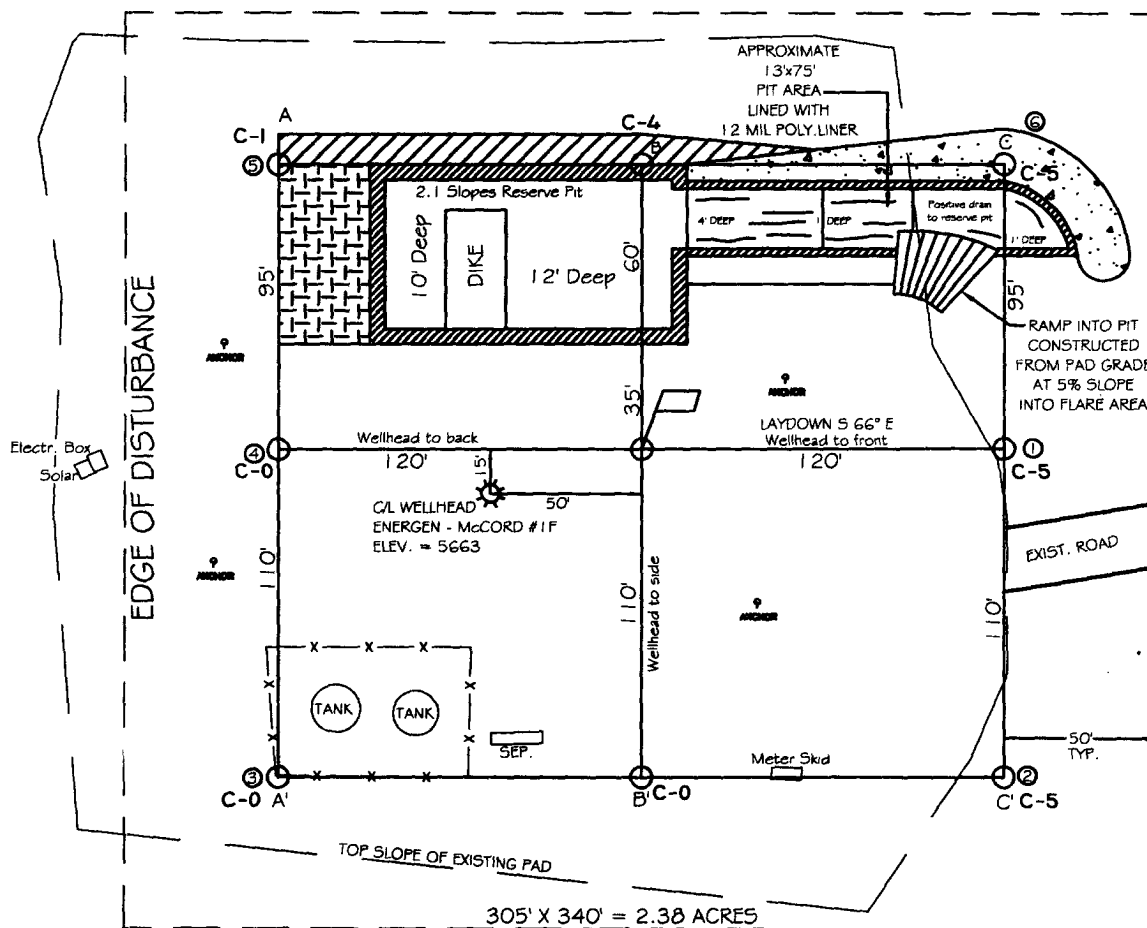
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS CO. LP.

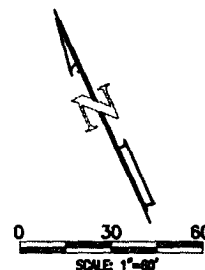
McCORD #1025 - 1780' FSL & 1020' FWL

SECTION 15, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, N.M.

GROUND ELEVATION: 5663 - DATE: NOVEMBER 14, 2006



LATITUDE: 36°48.6492' N LONGITUDE: 108°11.8533' W NAD 27



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: 12/07/06

FILE NAME: 7301L01



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

BURLINGTON RESOURCES OIL & GAS CO. LP.

McCORD #1025 - 1780' FSL & 1020' FWL

SECTION 15, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, N.M.

GROUND ELEVATION: 5663 - DATE: NOVEMBER 14, 2006

ELEVATION

A-A'

£

5680	.....	.....	.....	.....	.....	.....
5670	.....	.....	.....	.....	.....	.....
5660	.....	.....	.....	.....	.....	.....
5650	.....	.....	.....	.....	.....	.....
5640	.....	.....	.....	.....	.....	.....

B-B'

£

5680	.....	.....	.....	.....	.....	.....
5670	.....	.....	.....	.....	.....	.....
5660	.....	.....	.....	.....	.....	.....
5650	.....	.....	.....	.....	.....	.....
5640	.....	.....	.....	.....	.....	.....

C-C'

£

5680	.....	.....	.....	.....	.....	.....
5670	.....	.....	.....	.....	.....	.....
5660	.....	.....	.....	.....	.....	.....
5650	.....	.....	.....	.....	.....	.....
5640	.....	.....	.....	.....	.....	.....

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: 12/06/06

FILE NAME: 7301C01



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

PROJECT PROPOSAL - New Drill / Sidetrack

MCCORD 102S

Lease:		AFE #: WAN.CDR.7007		AFE \$: 198,821.59	
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: 36.810820	Longitude: -108.197555	X:	Y:	Section: 15	Range: 013W	
Footage X: 1020 FWL	Footage Y: 1780 FSL	Elevation: 5663	(FT)	Township: 030N		
Tolerance:						
Location Type: Year Round		Start Date (Est.):		Completion Date:		Date In Operation:
Formation Data: Assume KB = 5675 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	120	5555	<input type="checkbox"/>			8-3/4" hole. 7" 20 ppf, J-55, STC casing. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	267	5408	<input type="checkbox"/>			Possible water
KIRTLAND	300	5375	<input type="checkbox"/>			
FRUITLAND	1305	4370	<input type="checkbox"/>			Gas
PICTURED CLIFFS	1650	4025	<input type="checkbox"/>			
Total Depth	1850	3825	<input type="checkbox"/>	350		6-1/4" hole. 4-1/2" 10.5 ppf J-55, STC, casing. Cement with 284 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"/> Dipmeter <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 - FCNM030N013W15SW1 Twin well is McCord 1F SW15-30N-13W.

Zones - FCNM030N013W15SW1

General/Work Description - MAKE SURE COST INCLUDE JET PUMP.