

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 MAR -1 PM 3: 55

1a. Type of Work
DRILL

5. Lease Number
USA SF-078212 RECEIVED
Unit Reporting Number BLM
210 FARMINGTON NM

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
#102

4. Location of Well
Unit E (SWNW), 1445' FNL & 865' FWL,

Latitude 36° 48.9788 N
Longitude 108° 11.8853 W

10. Field, Pool, Wildcat
Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)
E Sec. 15, T30N, R13W

API # 30-045-34197

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
865'

16. Acres in Lease

17. Acres Assigned to Well
320 - (222) W2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
102' Mccord 1E (DK)

19. Proposed Depth
1892'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
5683' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Rhonda Rogers (Regulatory Technician)

3-1-07
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

3/30/07

NMOCD

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

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

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

DISTRICT III
1008 Rio Grande 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

OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ AFT Number 30-045- 34197	² Foot Code 71629	³ Pool Name BASIN (FRUITLAND COAL)
⁴ Property Code 7300	⁵ Property Name MCCORD	⁶ Well Number 102
⁷ OGHD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS CO. LP.	⁹ Elevation 5683

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
E	15	30 N	13 W		1445	NORTH	865	WEST	SAN JUAN

¹¹ Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
E									

¹² Dedicated Acres 320	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 N 89°35'00" E 2639.09'	N 89°29'57" E 2638.69'	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 the 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>Kandis Roland</u> Date _____ Printed Name <u>Regulatory Technician</u>
2612.74' N 0°04'15" E 865'	NAD 83 LAT: 36.816315° N LONG: 108.198719° W NAD 27 LAT: 36° 48.9788' N LONG: 108° 11.8853' W SECTION 15	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. 11/15/06 Date of Survey Signature <u>MAURICE W. LINDEEN</u> NEW MEXICO 17078 LICENSED PROFESSIONAL SURVEYOR Certificate Number <u>17078</u>
2615.59' N 0°05'56" E	S 89°23'49" W 2592.99'	S 89°24'13" W 2593.15'

Office

Energy, Minerals and Natural Resources

May 27, 2004

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 34197

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

102

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 E : 1445' feet from the North line and 865' feet from the West line
Section 15 Township 30N Rng 13W NMPM County San Juan

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

5683'

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'

<1000'

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

☐

PLUG AND ABANDON

☐

TEMPORARILY ABANDON

☐

CHANGE PLANS

☐

PULL OR ALTER CASING

☐

MULTIPLE COMPL

☐

OTHER:

New Drill

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK

☐

ALTERING CASING

☐

COMMENCE DRILLING OPNS.

☐

P AND A

☐

CASING/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.

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:

rogers@brc-inc.com

Telephone No.

505-326-9700

For State Use Only

APPROVED BY

TITLE

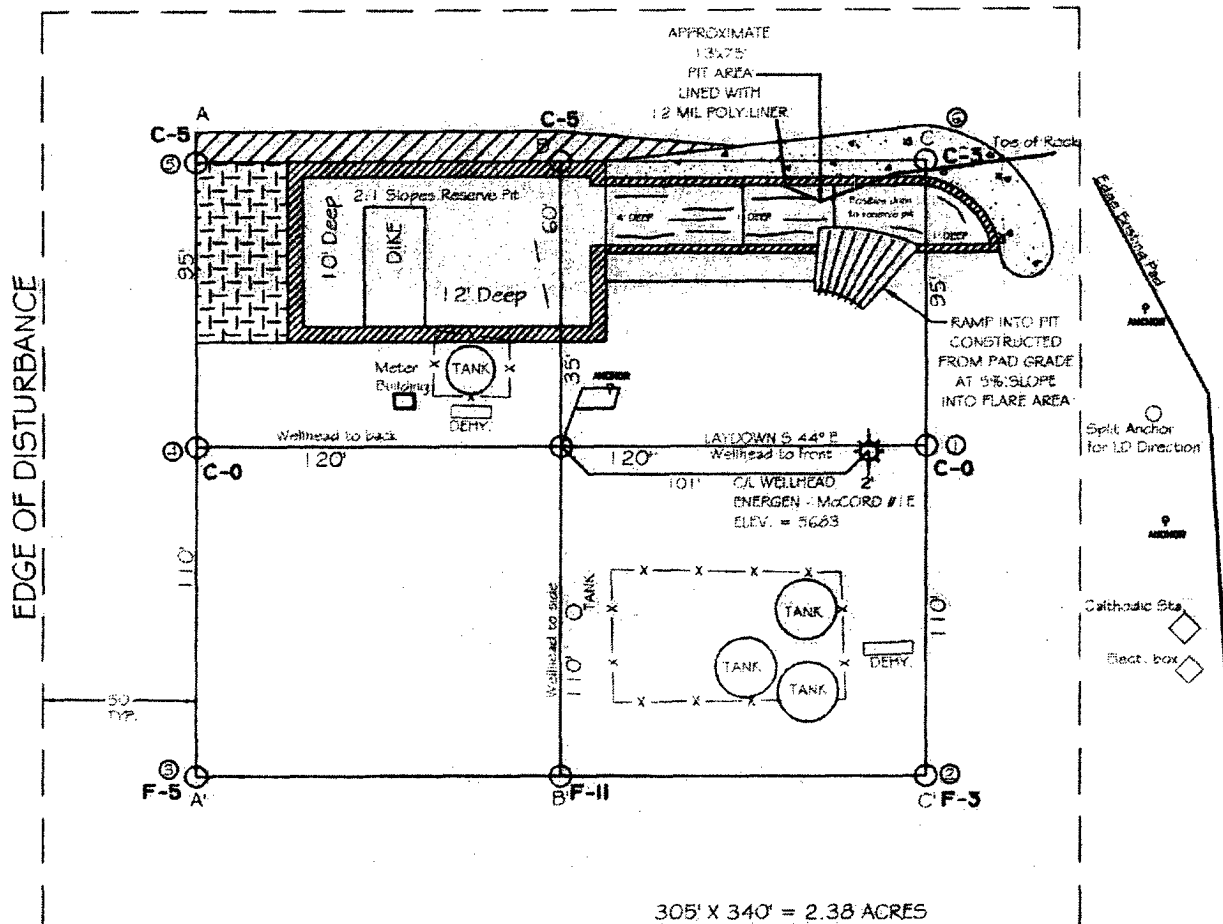
DEPUTY OIL & GAS INSPECTOR, DIST. 1

DATE

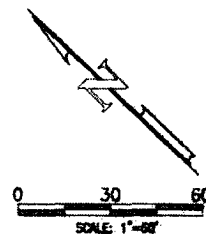
MAR 30 2007

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS CO. LP.
McCORD #102 - 1445' FNL & 865' FWL
SECTION 15, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, N.M.
GROUND ELEVATION: 5683 - DATE: NOVEMBER 15, 2006



LATITUDE: 36°48.9788' N LONGITUDE: 108°11.8853' W NAD 27



NOTES:

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE) UNITED FIELD SERVICES, INC. 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 WELLPAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAY S PRIOR TO CONSTRUCTION.

SURVEYED: 11/15/06

REV. DATE:

APP. BY M.L.

DRAWN BY: H.S.

DATE DRAWN: 12/05/06

FILE NAME: 7300L01



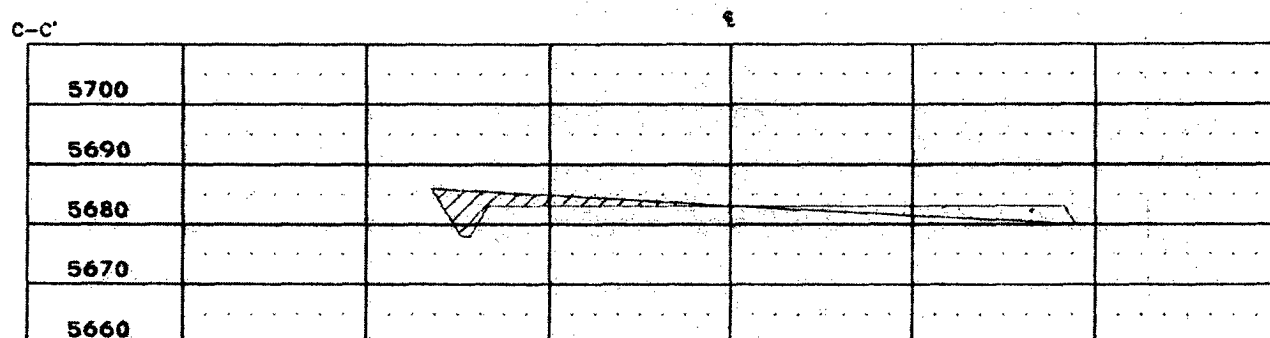
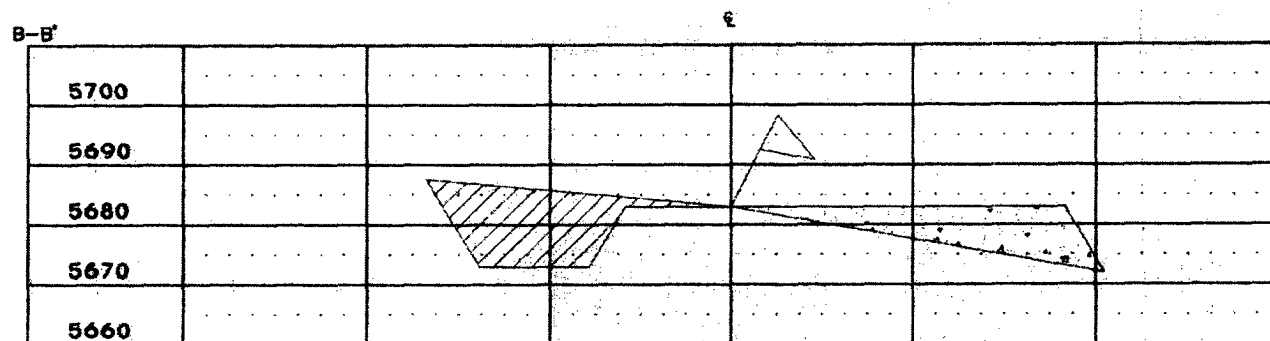
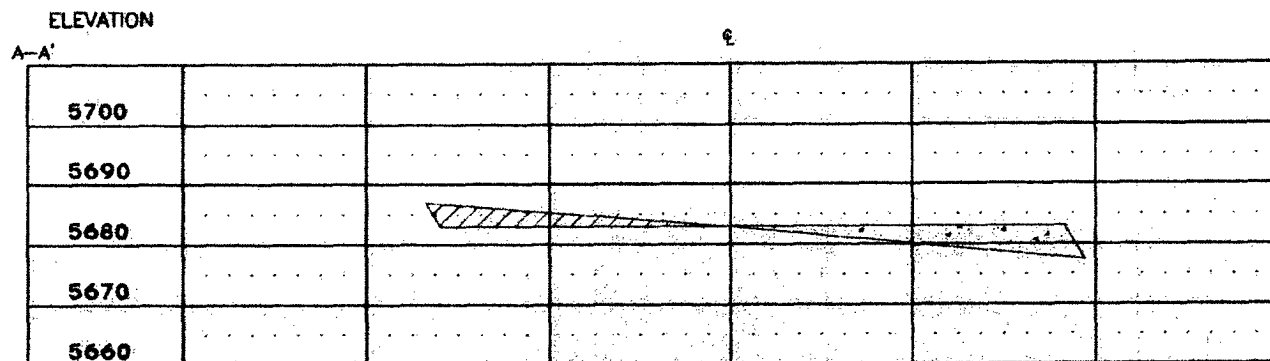
P.O. BOX 3851
 FARMINGTON, NM 87499
 OFFICE: (505)334-0408

BURLINGTON RESOURCES OIL & GAS CO. LP.

McCORD #102 - 1445' FNL & 865' FWL

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

GROUND ELEVATION: 5683 - DATE: NOVEMBER 15, 2006



1" = 60' - HORIZ.
1" = 30' - VERT.

NOTE:

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SURVEYED: 11/15/06

REV. DATE:

APP. BY M.L.

DRAWN BY: H.S.

DATE DRAWN: 12/05/06

FILE NAME: 7300C01



P.O. BOX 3851
FARMINGTON, NM 87499
OFFICE (505) 334-0408

PROJECT PROPOSAL - New Drill / Sidetrack

MCCORD 102

Lease:		AFE #: WAN.CDR.7006		AFE \$: 199,232.35	
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: 36.816313	Longitude: -108.198088	X:	Y:	Section: 15	Range: 013W
Footage X: 865 FWL	Footage Y: 1445 FNL	Elevation: 5683	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 5695 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	120	5575	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55, STC casing. Cement with 50 cuft. Circulate cement to surface.
FRUITLAND	1333	4362	<input type="checkbox"/>			Gas
PICTURED CLIFFS	1692	4003	<input type="checkbox"/>			
TD	1892	3803	<input type="checkbox"/>			6-1/4" hole 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 291 cuft. Circulate cement to surface.
Total Depth	1892	3803	<input type="checkbox"/>	350		

Reference Wells:

Reference Type	Well Name	Comments
Production	McCord 1-E NW15-30N-13W	Twin well

Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
GR/CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - FCNM030N013W15NW1 Kirtland - surface.

Zones - FCNM030N013W15NW1

General/Work Description - MAKE SURE COST INCLUDE JET PUMP