

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 APR -2 PM 3:33

1a. Type of Work DRILL	5. Lease Number USA SF-078214 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 #1008
4. Location of Well Surf: Unit P (SESE), 900' FSL & 930' FSL SURF: Latitude 36° 47.6403 N Longitude 108° 12.2531 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge. Mer. (NMPM) Sec. 21, T30N, R13W API # 30-045-34261
14. Distance in Miles from Nearest Town 35 mile/Farmington	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 900'	
16. Acres in Lease	17. Acres Assigned to Well 320 (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease	
19. Proposed Depth 1608'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5473' 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)	4-2-07 Date

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE AFM DATE 5/1/07

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 3/2

5/9/07

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

NMOCD

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

RCVD MAY3'07
OIL CONS. DIV.

DIST. 3

DISTRICT I
1625 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

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

2007 APR 27
Submit to Appropriate District Office
Revised October 12, 2005
State Lease - 4 Copies
Fee Lease - 3 Copies
RECEIVED
BLM
210 FARMINGTON NM
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34261		*Pool Code 71629	*Pool Name BASIN (FRUITLAND COAL)
*Property Code 7300	*Property Name McCORD		*Well Number 100 S
*OGEID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS CO. LP.		*Elevation 5473

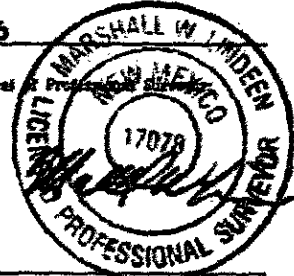
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	30 N	13 W		900	SOUTH	930	EAST	SAN JUAN

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 320 E2		*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

2645.31'	16 S 89°00'54" E	2594.72'	S 89°03'31" E	2593.44'	2615.47'	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>Juanita Farrell</u> Date: <u>12/21/06</u> Printed Name: <u>Juanita Farrell</u>	
	N 0°41'33" E		USA SF-078214				S 0°17'39" W
	SECTION 21						
	2667.36'						2613.90'
			NAD 83 LAT: 36.794007° N LONG: 108.204848° W NAD 27 LAT: 36° 47.6403' N LONG: 108° 12.2531' W		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>12/13/06</u> Signature and Seal:  Certificate Number: <u>17078</u>		
N 0°42'35" E			N 89°50'33" W	2612.74'			

Submit 3 Copies To Appropriate District Office

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

WELL API NO.

30-045-340

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

Federal Lease USA SF-078214

7. Lease Name or Unit Agreement Name

McCord

8. Well Number

#100S

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 P : 900' feet from the South line and 930' feet from the East line
Section 21 Township 30N Rng 13W NMPM County San Juan

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

5473'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type New Drill Depth to Groundwater <50 Distance from nearest fresh water well

>1000 Distance from nearest surface water

Pit Liner Thickness:

N/A

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 ☐

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, Unlined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/flare pit will be an unlined pit 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 unlined, 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

Rhonda Rogers

TITLE

Regulatory Technician

DATE

4-2-07

Type or print name

Rhonda Rogers

E-mail address:

ogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

[Signature]

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #7

DATE

MAY 09 2007

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS CO. LP.

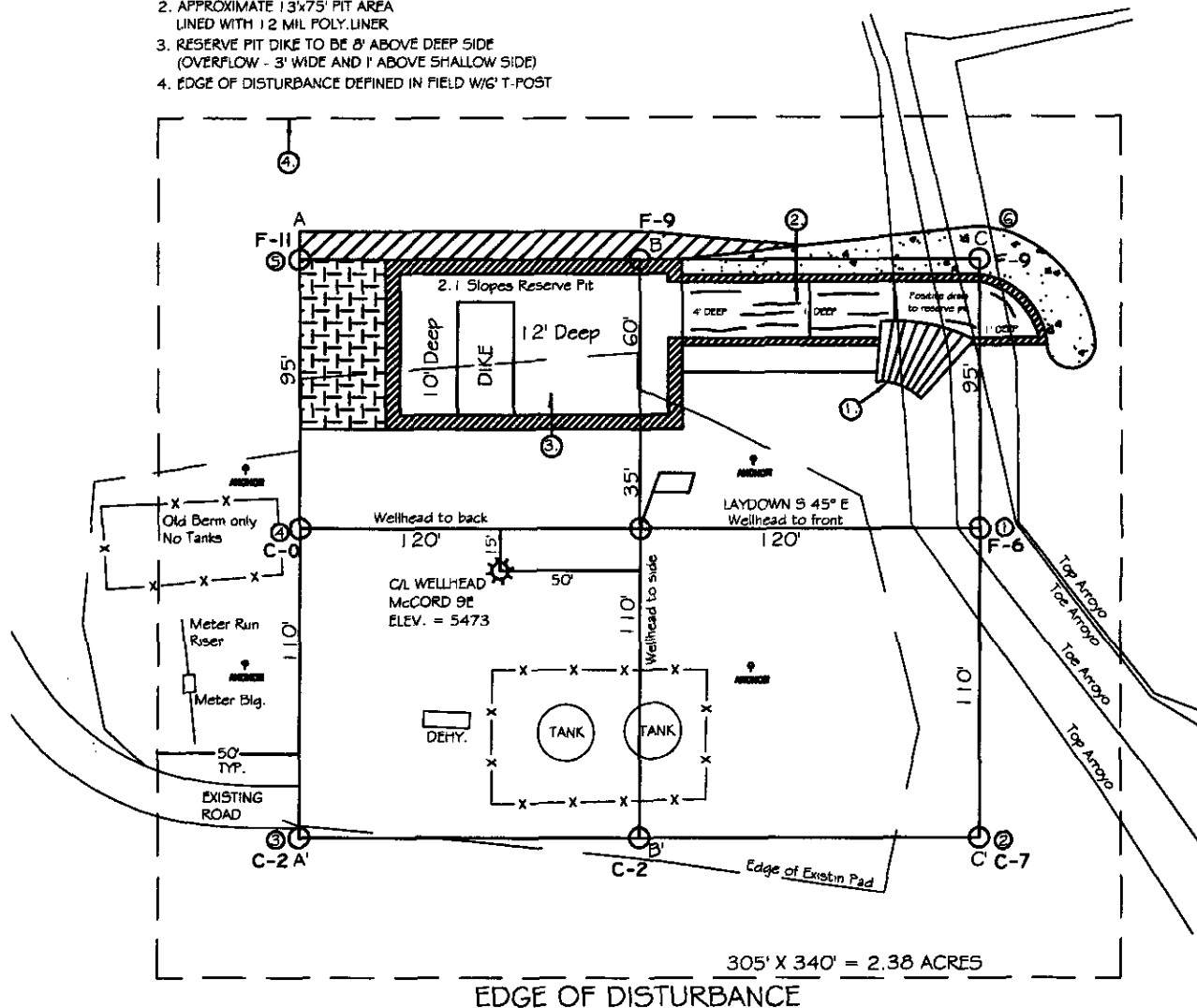
McCORD #100 S - 900' FSL & 930' FEL

SECTION 21, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, N.M.

GROUND ELEVATION: 5473 - DATE: DECEMBER 13, 2006

PAD CONST. SPECS:

1. RAMP INTO PIT CONSTRUCTED FROM PAD GRADE INTO FLARE AREA AT 5% SLOPE
2. APPROXIMATE 13x75' PIT AREA LINED WITH 1/2 MIL POLY.LINER
3. RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE)
4. EDGE OF DISTURBANCE DEFINED IN FIELD W/6' T-POST



LATITUDE: 36°47.6403' N LONGITUDE: 108°12.2531' 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: 12/13/06

REV. DATE:

APP. BY M.L.

DRAWN BY: H.S.

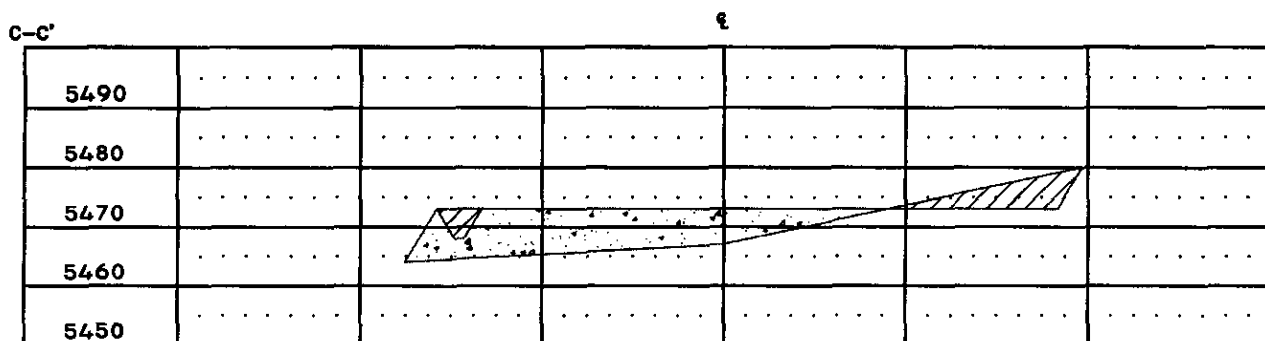
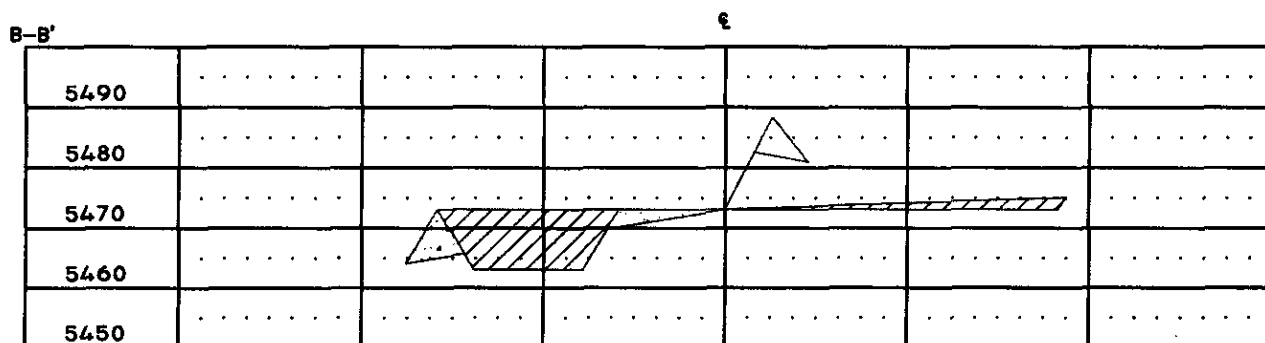
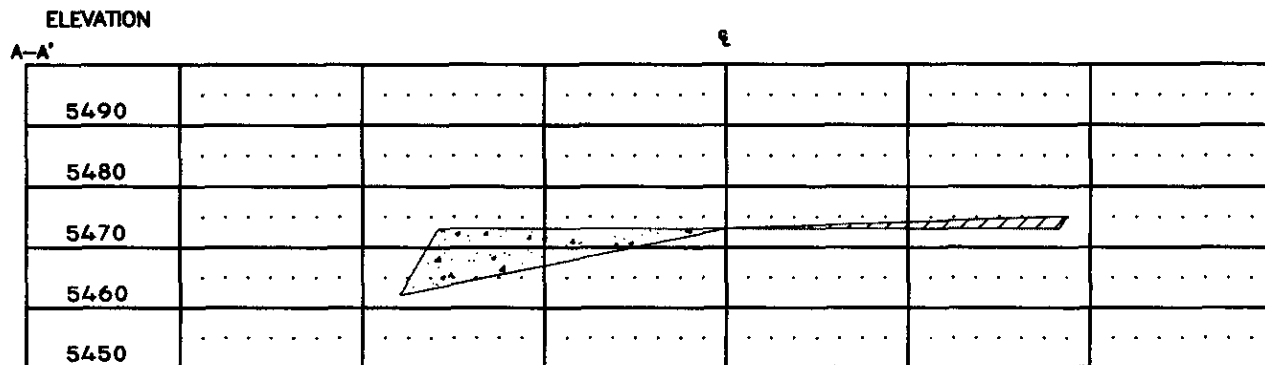
DATE DRAWN: 12/18/06

FILE NAME: 7357L01



P.O. BOX 3851
FARMINGTON, NM 87498
OFFICE: (505)334-0408

BURLINGTON RESOURCES OIL & GAS CO. LP.
McCORD #100 S - 900' FSL & 930' FEL
SECTION 21, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, N.M.
GROUND ELEVATION: 5473 - DATE: DECEMBER 13, 2006



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

NOTES:

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SURVEYED: 12/13/06

REV. DATE:

APP. BY M.L.

DRAWN BY: H.S.

DATE DRAWN: 12/18/06

FILE NAME: 7357C01



P.O. BOX 3651
FARMINGTON, NM 87489
OFFICE: (505)334-0408

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MCCORD 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7054		AFE \$: 246,490.83	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
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: 36.794002	Longitude: -108.204218	X:	Y:	Section: 21	Range: 013W
Footage X: 930 FEL	Footage Y: 900 FSL	Elevation: 5473 (FT)	Township: 030N		
Tolerance:					

Location Type: Year Round		Start Date (Est.):		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5485		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	120	5365	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.	
FRUITLAND	1075	4410	<input type="checkbox"/>	200		Gas	
PICTURED CLIFFS	1408	4077	<input type="checkbox"/>			Gas	
Total Depth	1608	3877	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 247 cuft. Circulate cement to surface.	

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ 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 - FCNM030N013W21SE1 Twin well is McCord 9-E SE21-30N-13W.

Zones - FCNM030N013W21SE1

General/Work Description - 1/4/07 MAKE SURE COST REFLECT JET PUMP.