

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 MAR -1 PM 3:52

1a. Type of Work DRILL	5. Lease Number SF-078213 Unit Reporting Number NMNM-73766-D/K
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 #1F
4. Location of Well Unit L (NWSW), 2410' FSL & 670' FWL, Latitude 36° 47.88886 N Longitude 108° 10.85642 W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 23, T30N, R13W API # 30-045-34200
14. Distance in Miles from Nearest Town 35.5 miles > 1 mile	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 670'	13. State NM
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	
19. Proposed Depth 6439'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5664' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	RCVD AUG 14 '07 OIL CONS. DIV.
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	3-1-07 Date DIST. 3

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 8/10/07

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

8-10-07
BH NMOCB

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

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, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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

1 API Number 30-045- 34200		2 Pool Code 71599		3 Pool Name BASIN DAKOTA	
4 Property Code 7301		5 Property Name McCord B			6 Well Number 1F
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES O&G CO LP			9 Elevation 5664'

10 Surface Location

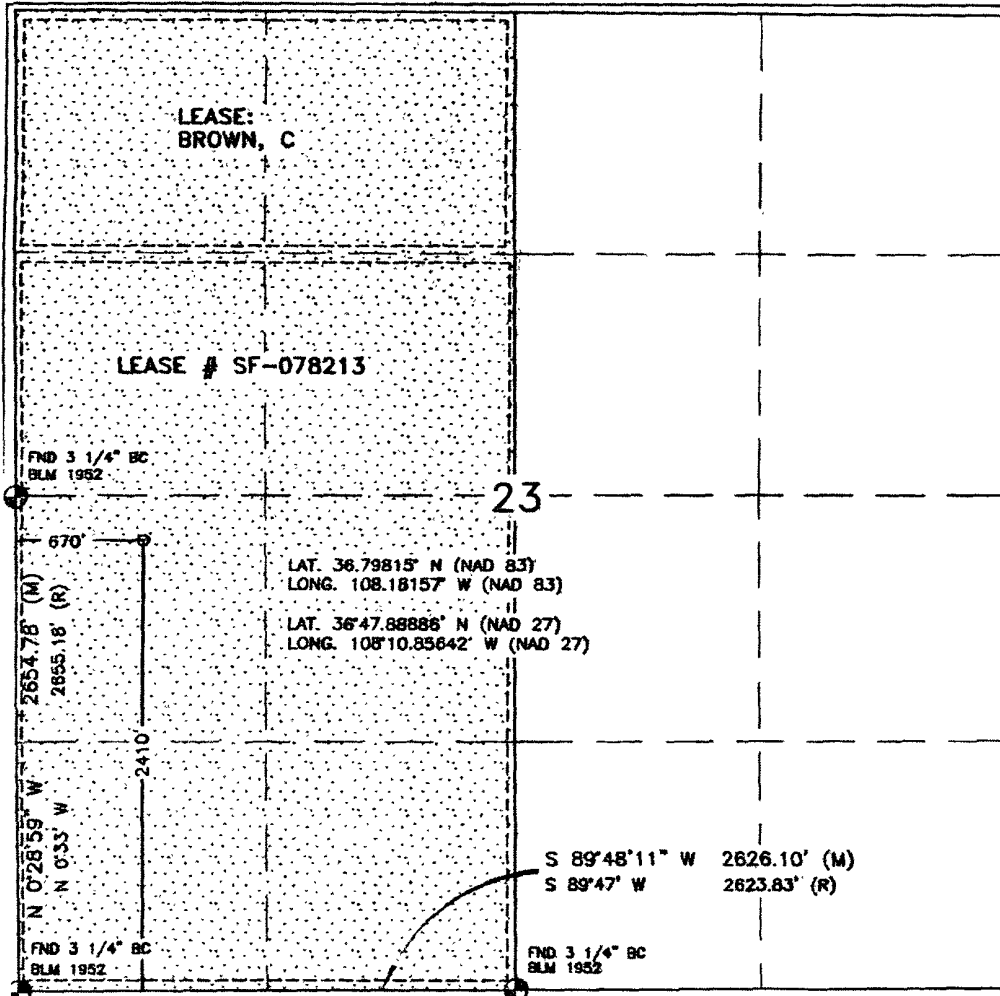
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	23	30N	13W		2410'	SOUTH	670'	WEST	SAN JUAN

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
L									
12 Dedicated Acres 320. Acres - (W/2)			13 Joint or Infill		14 Consolidation Code		15 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



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 or a compulsory pooling order heretofore entered by the division.

Kandis Roland 2/2/07
Signature Date
Kandis Roland

Printed Name

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.

JANUARY 23, 2007

Date of Survey

Signature and Seal of Professional Surveyor

David R. Russell

DAVID RUSSELL

Certificate Number

10201

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

WELL API NO.	30-045- 34200
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	SF-078213
7. Lease Name or Unit Agreement Name	McCord B
8. Well Number	1F
9. OGRID Number	14538
10. Pool name or Wildcat	Basin Dakota

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 : 2410' feet from the South line and 670' feet from the West line
Section 23 Township 30N Rng 13W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5664'

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 <1000'
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 4400 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 Rhonda Rogers TITLE Regulatory Technician DATE 2/28/2007

Type or print name Rhonda Rogers E-mail address: rrogers@brc-inc.com Telephone No. 505-326-9700

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, DATE AUG 23 2007

Conditions of Approval (if any): District #3

LATITUDE: 36.79815°N
 LONGITUDE: 108.18157°W
 DATUM: NAD 83

BURLINGTON RESOURCES O&G CO LP

McCORD B #1F

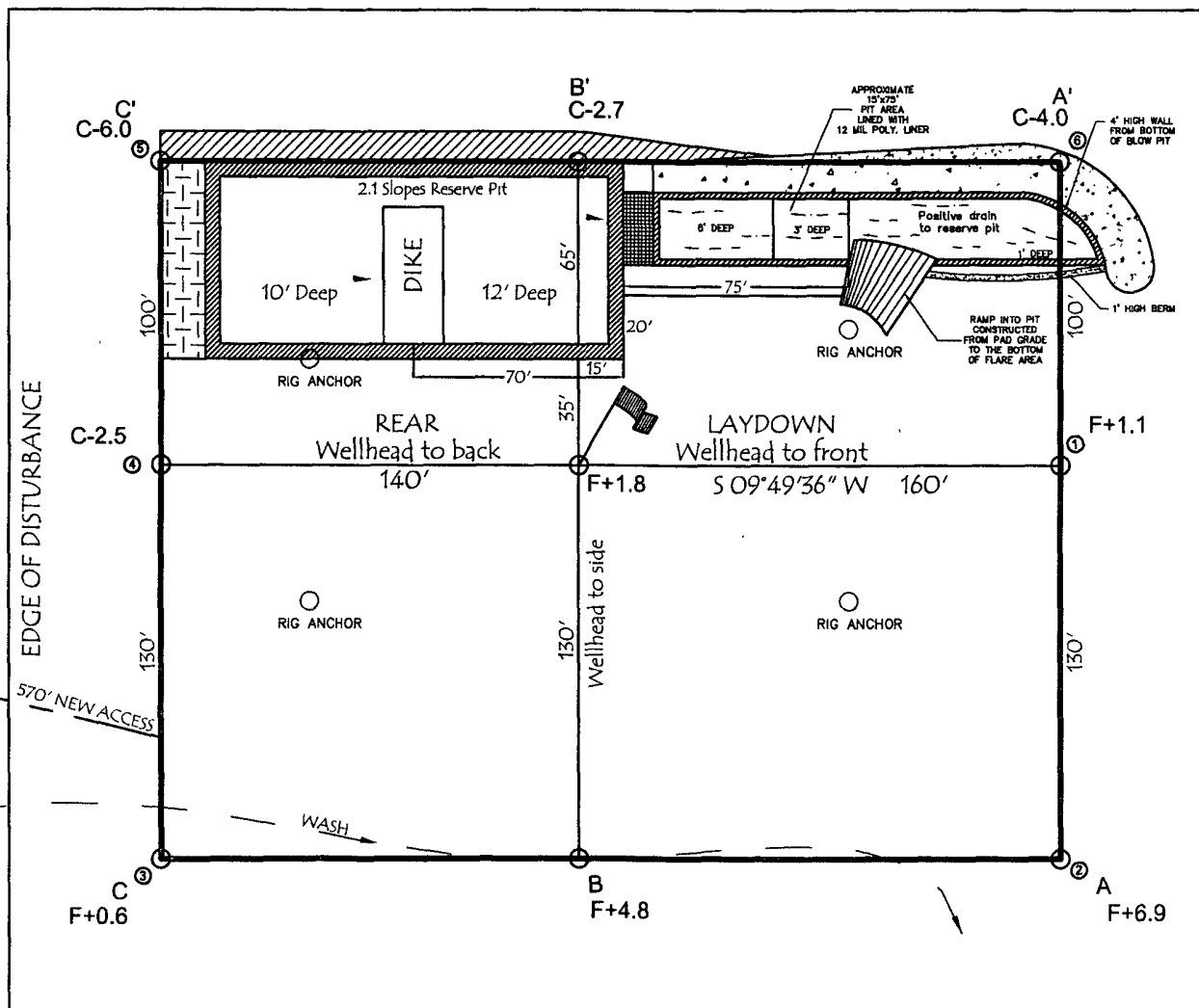
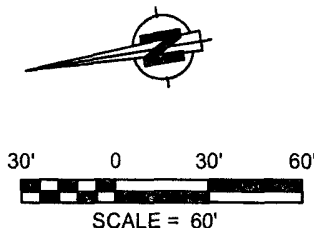
2410' FSL & 670' FWL

LOCATED IN THE NW/4 SW/4 OF
 SECTION 23, T30N, R13W, N.M.P.M.,
 SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5664', NAVD 88

FINISHED PAD ELEVATION: 5665.4', NAVD 88

SLOPES TO BE CONSTRUCTED TO
 MATCH THE ORIGINAL CONTOURS
 AS CLOSE AS POSSIBLE.



330' x 400' = 3.03 ACRES OF DISTURBANCE
 SCALE: 1" = 60'
 JOB No.: COPC041; REV2
 DATE: 01/26/07

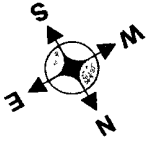
NOTE:

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 RUSSELL SURVEYING, 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 WELL PAD, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR
 TO CONSTRUCTION.

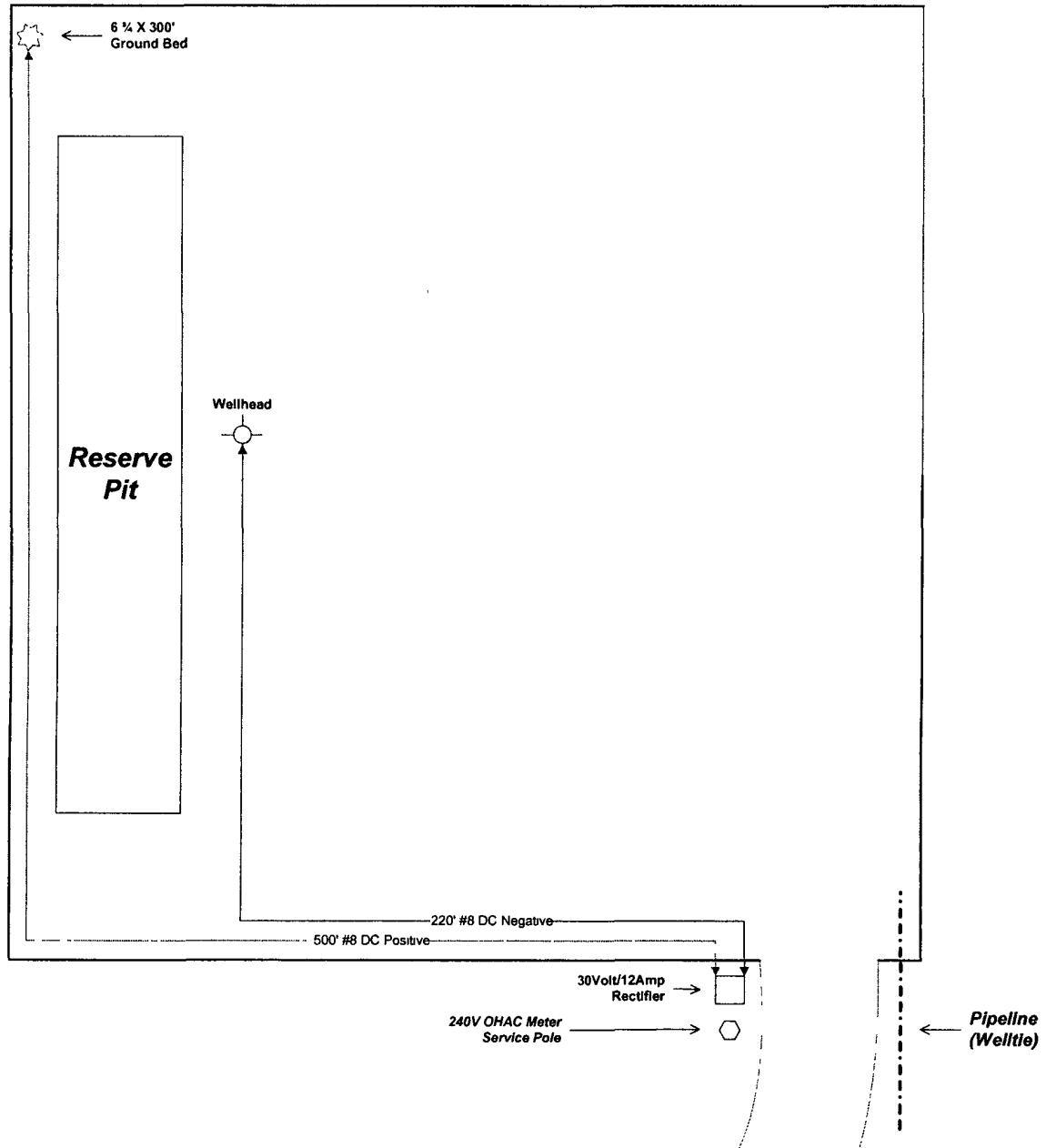
Russell Surveying
 1409 W. Aztec Blvd. #5
 Aztec, New Mexico 87410
 (505) 334-8637

Projects: 2006 C0110COPHILLIPS/COPC041/DRAFT/01/26/07/REV2 McCORD

3/1/07 1:18:15 PM



ConocoPhillips Cathodic Protection Plat
McCord B 1F
2410' FSL 670' FWL Sec. 23 T30N R13W
San Juan County, New Mexico



Recommendation:

Install 6 3/4 X 300' deep well ground bed in SW corner of location. Install 25' FEUS 240V/100amp AC service pole w/30V-12amp rectifier at lease entrance road. Trench app. 220' #8 DC negative to the wellhead and app. 500' DC positive from rectifier to ground bed.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MCCORD B 1F

Lease:		AFE #: WAN.ZA2.7943		AFE \$: 589,615.77	
Field Name: hBR_SAN JUAN		Rig: Patterson Rig 749		State: NM	County: SAN JUAN
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer: Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 832-486-2275		Proj. Field Lead: Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
R20076	DAKOTA(R20076)				

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.798158	Longitude: -108.178930	X: 398814.10	Y: 2109971.00	Section: 23	Range: 013W
Footage X: 670 FWL		Footage Y: 2410 FSL		Elevation: 5664 (FT)	Township: 030N

Tolerance:		Location Type:		Start Date (Est.):		Completion Date:		Date In Operation:	
Formation Data:		Assume KB = 5678		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks			
SURFACE CSG	216	5462	<input type="checkbox"/>			12-1/4" hole. 9-5/8" 32.3 ppf, H-40, STC casing. Cement with 171 cuft. Circulate cement to surface.			
FRUITLAND COAL	1392	4286	<input type="checkbox"/>			Possible gas			
PICTURED CLIFFS	1711	3967	<input type="checkbox"/>						
LEWIS	1859	3819	<input type="checkbox"/>						
HUERFANITO BENTONITE	2418	3260	<input type="checkbox"/>						
CHACRA	2732	2946	<input type="checkbox"/>						
MASSIVE CLIFF HOUSE	3254	2424	<input type="checkbox"/>			Gas			
MENEFEE	3376	2302	<input type="checkbox"/>			Gas			
Intermediate Casing	3476	2202	<input type="checkbox"/>			8-3/4" hole. 7", 20.ppf. J-55, STC casing. Cement with 782 cuft. Circulate cement to surface.			
MASSIVE POINT LOOKOUT	4060	1618	<input type="checkbox"/>			Gas			
MANCOS	4482	1196	<input type="checkbox"/>						
UPPER GALLUP	5378	300	<input type="checkbox"/>						
GREENHORN	6127	-449	<input type="checkbox"/>						
GRANEROS	6191	-513	<input type="checkbox"/>						
TWO WELLS	6242	-564	<input type="checkbox"/>			Gas			
PAGUATE	6304	-626	<input type="checkbox"/>			Gas			
CUBERO	6369	-691	<input type="checkbox"/>			Gas			
Total Depth	6439	-761	<input type="checkbox"/>	1850		6-1/4" hole. 4-1/2", 10.5 J-55 STC casing. Cement with 407 cuft. Circulate cement a minimum of 100' inside the previous casing string.			

Reference Wells:		
Reference Type	Well Name	Comments
Production	McCord 1-B SW23-30N-13W	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MCCORD B 1F

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 - DK 30N13W23SW2 2-1-07 EAP shorten TD by 5' to allow for slight structure change with new staked location.

Zones - DK 30N13W23SW2

BURLINGTON RESOURCES O&G CO LP

McCORD B #1F

2410' FSL & 670' FWL

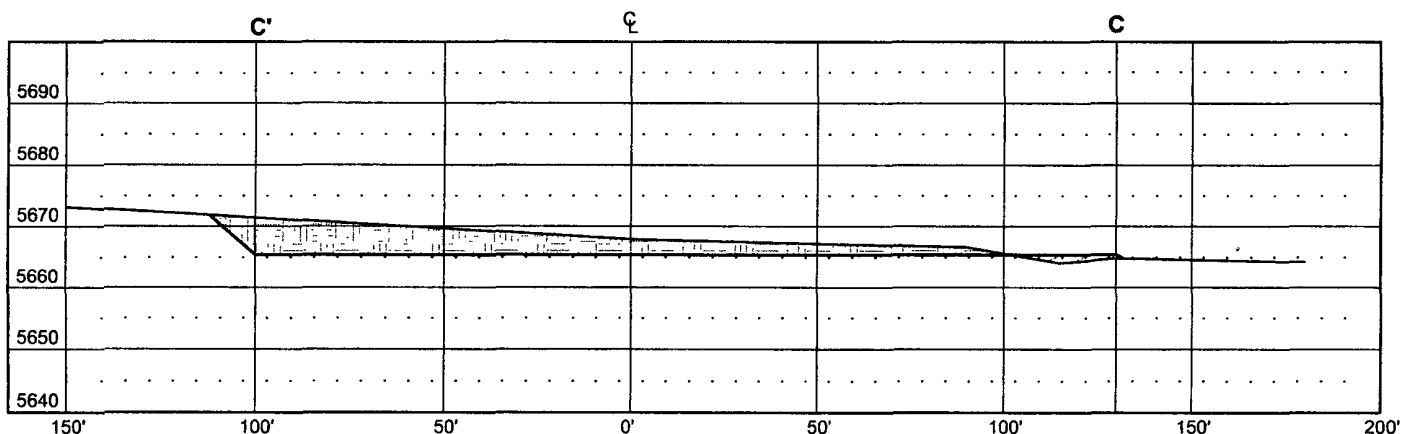
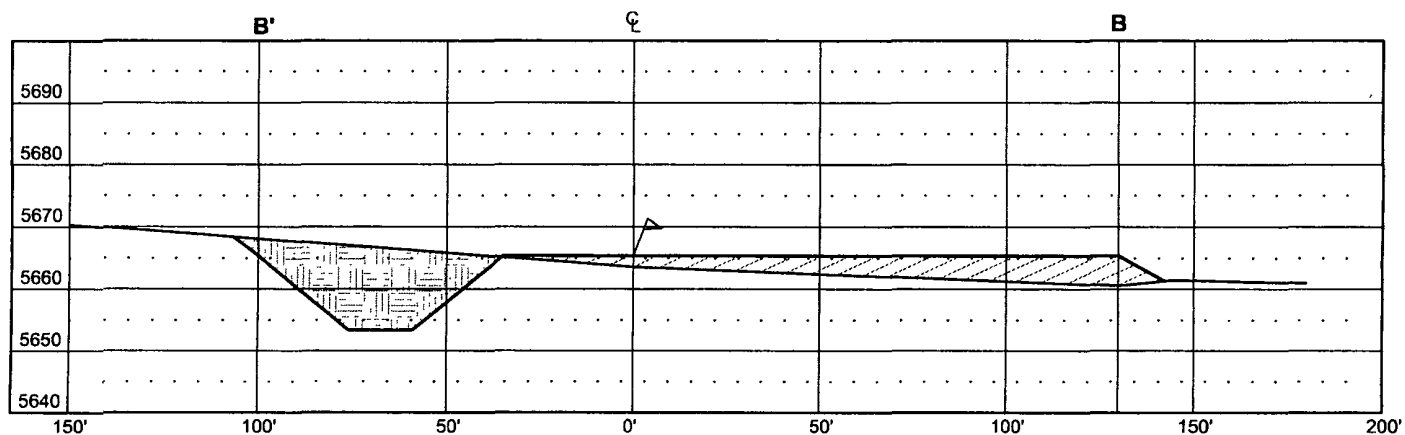
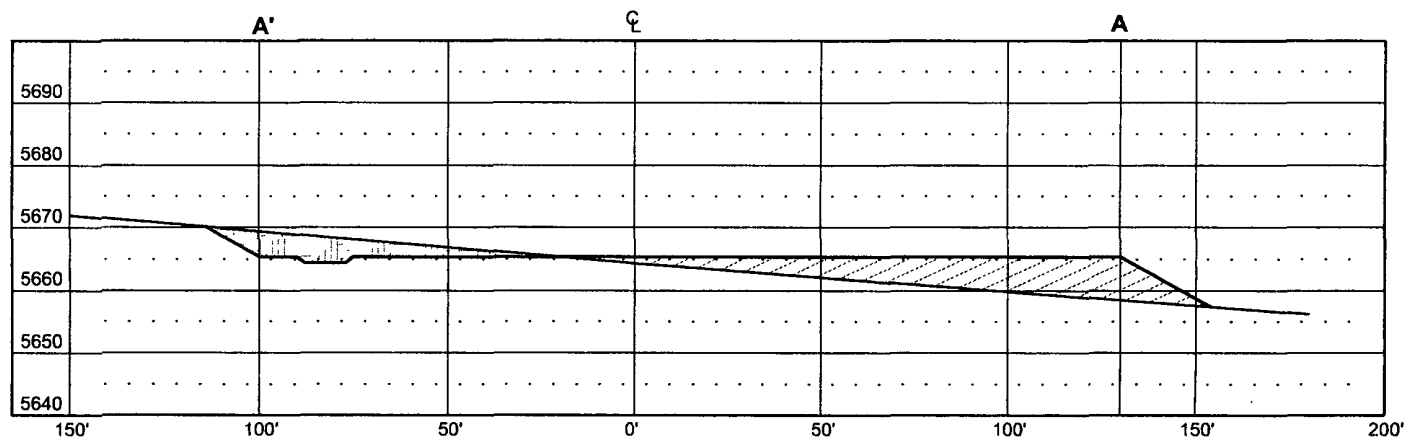
LOCATED IN THE NW/4 SW/4 OF

SECTION 23, T30N, R13W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5664', NAVD 88

FINISHED PAD ELEVATION: 5665.4', NAVD 88



THIS DIAGRAM IS AN ESTIMATE OF DIRT BALANCE AND IS NOT INTENDED TO BE AN EXACT MEASURE OF VOLUME

VERT. SCALE: 1" = 30'

HORZ. SCALE: 1" = 50'

JOB No.: COPC041; REV2

DATE: 01/26/07



CUT



FILL



Russell Surveying

1409 W. Aztec Blvd. #5

Aztec, New Mexico 87410

(505) 334-2637 1-18 18 PIA

C:\Projects\2006\CONOCOPHILLIES\CONOC041\DRAWINGS\PRELIM\REV 2\MCCOE