

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED AUG 29 2007 Bureau of Land Management Farmington Field Office	5. Lease Number USA SF-079265 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 RCVD SEP 10 '07 OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Klein 9. Well Number #26N
4. Location of Well Surf:Unit G(SWNE), 1770' FNL & 1780' FEL Latitude 36° 26.71925 N Longitude 107° 28.23804 W		10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 6 Sec. 33, T26N, R6W API # 30-039-30341
14. Distance in Miles from Nearest Town	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1770'		
16. Acres in Lease	17. Acres Assigned to Well MV/DK 320 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 55' from Klein 15		
19. Proposed Depth 7465' Rotary	20. Rotary or Cable Tools	
21. Elevations (DF, FT, GR, Etc.) 6748' 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)	8-29-07 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 9/7/07

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 4

Bond Numbers NMB-000015 and NMB-000089

NMOCD

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

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

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, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102

Revised October 12, 2005

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Bureau of Land Management
Farmington Field Office

Submit to Appropriate District Office
AUG 29 2007 State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30341	² Pool Code 72319/71599	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7228	⁵ Property Name KLEIN	⁶ Well Number 26N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6748'

¹⁰ Surface Location

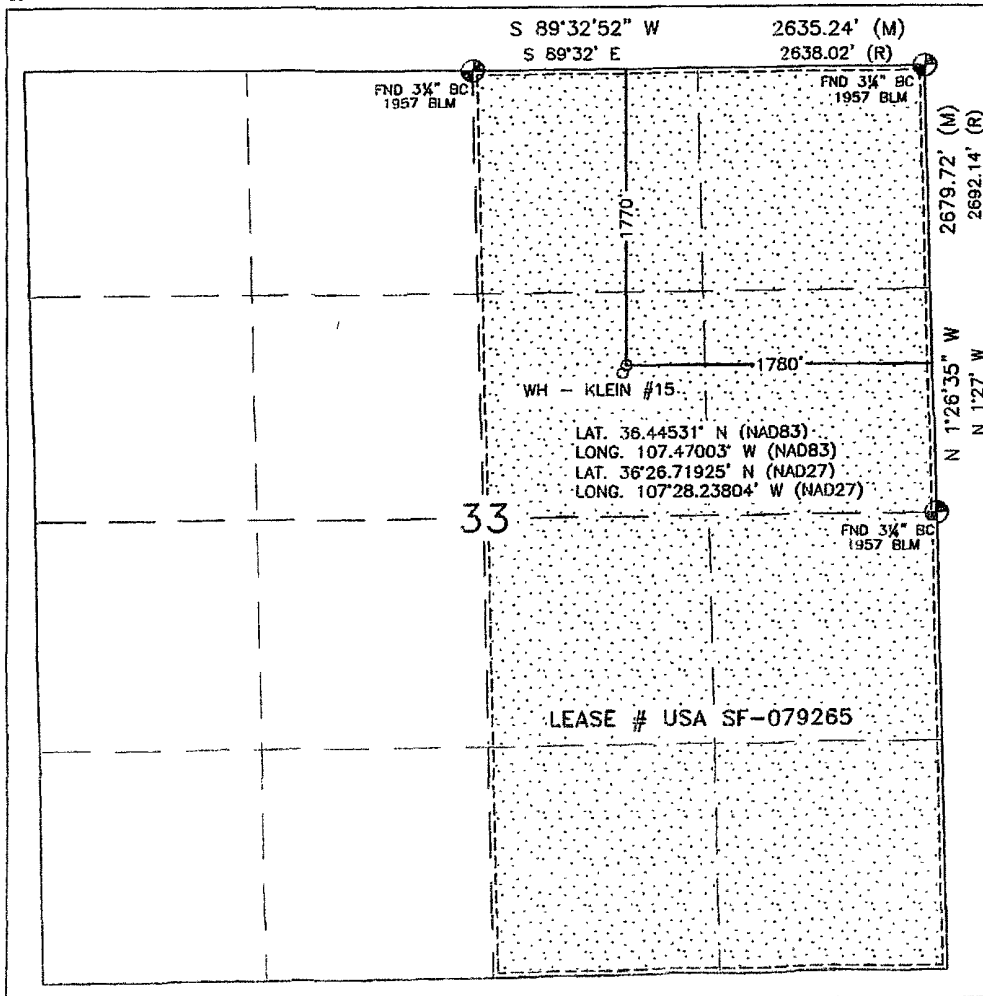
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	33	26N	6W		1770'	NORTH	1780'	EAST	RIO ARriba

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
G									
¹² Dedicated Acres 320.00 Acres - (E/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

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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 or a compulsory pooling order heretofore entered by the division.

Rhonda Rogers 8-29-07
Signature Date

Rhonda Rogers

Printed Name

¹⁸ SURVEYOR CERTIFICATION

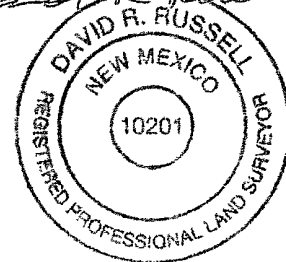
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 7, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

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 DIVISION1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-039- **30341**

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease USA SF-079265

7. Lease Name or Unit Agreement Name

Klein

8. Well Number

#26N

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco MV/Basin DK

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 G : 1770' feet from the North line and 1780' feet from the East line
Section 33 Township 26N Rng 6W NMPM County Rio Arriba

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

6748'

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:

NA

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, Unlined:

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, vent/flare pit and pre-set mud pit will be unlined 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 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 8-28-07Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com Telephone No. 505-599-4018
For State Use OnlyAPPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, DATE SEP 17 2007
Conditions of Approval (if any): District #3

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

KLEIN 26N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7218				AFE \$:	
Field Name: hBR SAN JUAN		Rig: Aztec Rig 184		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.445299		Longitude: -107.469426		X:	Y:	Section: 33	Range: 006W
Footage X: 1780 FEL		Footage Y: 1770 FNL		Elevation: 6748 (FT)	Township: 026N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6760 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6440	<input type="checkbox"/>			12-1/4" hole. 8-5/8" 24 ppf, J-55, STC casing. Cement with 319 cuft. Circulate cement to surface.	
OJO ALAMO	2250	4510	<input type="checkbox"/>				
KIRTLAND	2425	4335	<input type="checkbox"/>				
FRUITLAND	2705	4055	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	2933	3827	<input type="checkbox"/>				
LEWIS	3015	3745	<input type="checkbox"/>				
HUERFANITO BENTONITE	3322	3438	<input type="checkbox"/>				
CHACRA	3765	2995	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	4522	2238	<input type="checkbox"/>	550			
MENEFEE	4555	2205	<input type="checkbox"/>				
MASSIVE POINT LOOKOUT	5138	1622	<input type="checkbox"/>			GAS	
MANCOS	5490	1270	<input type="checkbox"/>				
UPPER GALLUP	6193	567	<input type="checkbox"/>				
GREENHORN	7073	-313	<input type="checkbox"/>				
GRANEROS	7131	-371	<input type="checkbox"/>				
TWO WELLS	7186	-426	<input type="checkbox"/>	1650		Gas	
UPPER CUBERO	7270	-510	<input type="checkbox"/>				
LOWER CUBERO	7301	-541	<input type="checkbox"/>				
OAK CANYON	7328	-568	<input type="checkbox"/>				
ENCINAL	7377	-617	<input type="checkbox"/>				
TOTAL DEPTH DK	7465	-705	<input type="checkbox"/>			TD 40' below T/MRSN. 7-7/8" Hole. 4-1/2", 10.5 ppf, J-55, STC casing. Cement with 2224 cuft. Circulate cement to surface.	
Reference Wells:							
Reference Type	Well Name		Comments				

PROJECT PROPOSAL - New Drill / Sidetrack

KLEIN 26N

DEVELOPMENT

Logging Program:

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

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

GR/CBL. Est bottom per: ~15' above TD. If mud-drill, add 40' to TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM026N006W33NE2 DK 26N06W33NE2 Avoid H, part of 1/4 is in BLM wildlife project area, twin Klein 15 (Gallup), else prefer G,B,A.

Zones - MVNM026N006W33NE2 DK 26N06W33NE2

LATITUDE: 36.44531°N
LONGITUDE: 107.47003°W
DATUM: NAD 83

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

BURLINGTON RESOURCES O&G CO LP

KLEIN #26N

1770' FNL & 1780' FNL FEL

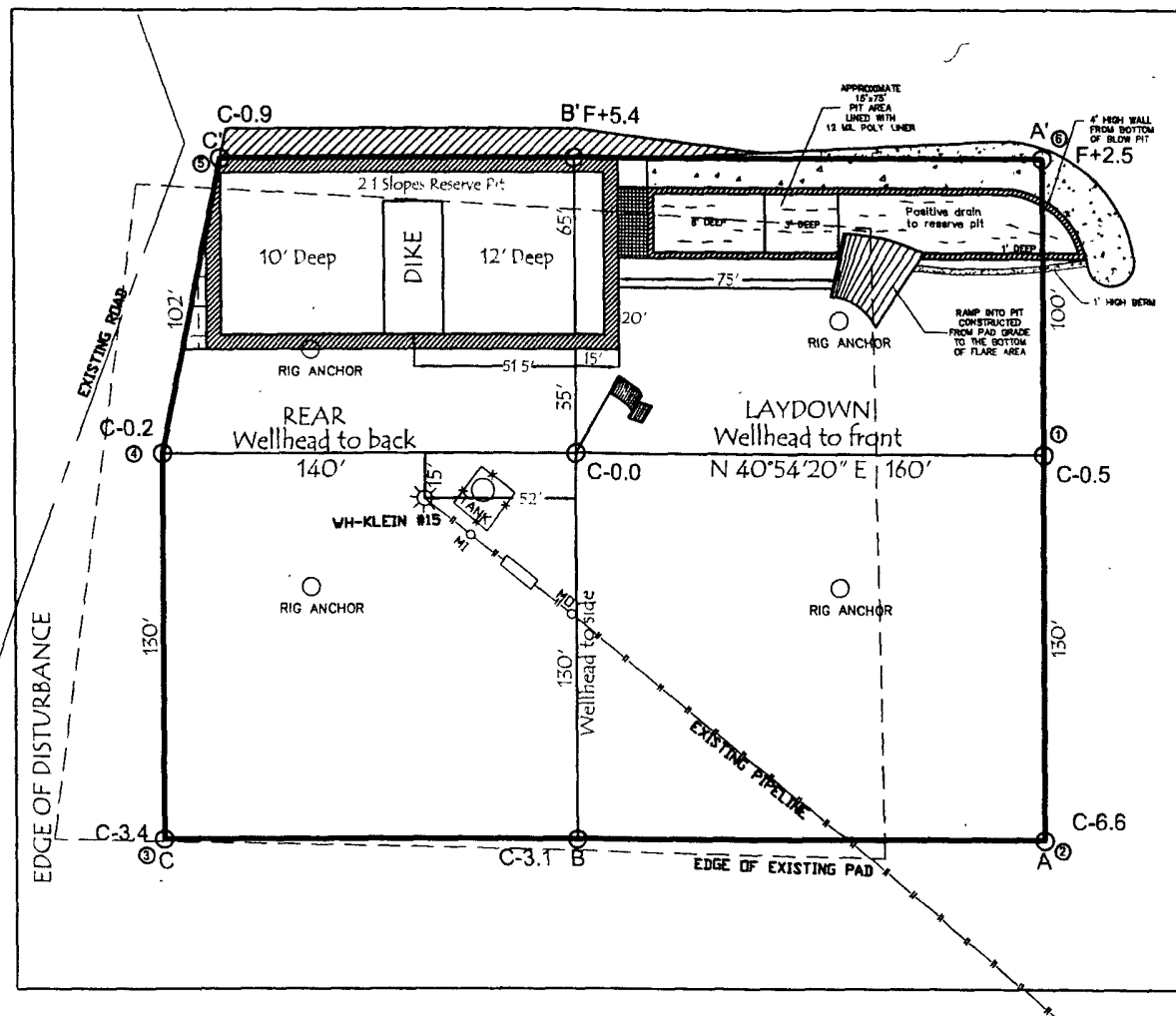
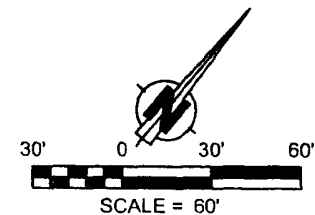
LOCATED IN THE SW/4 NE/4 OF SECTION 33,

T26N, R6W, N.M.P.M.,

RIO ARRIBA, NEW MEXICO

GROUND ELEVATION: 6748', NAVD 88

FINISHED PAD ELEVATION: 6748.3', NAVD 88



330' x 400' = 3.03 ACRES OF DISTURBANCE

SCALE: 1" = 60'

JOB No.: COPC081

DATE: 07/03/07

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.

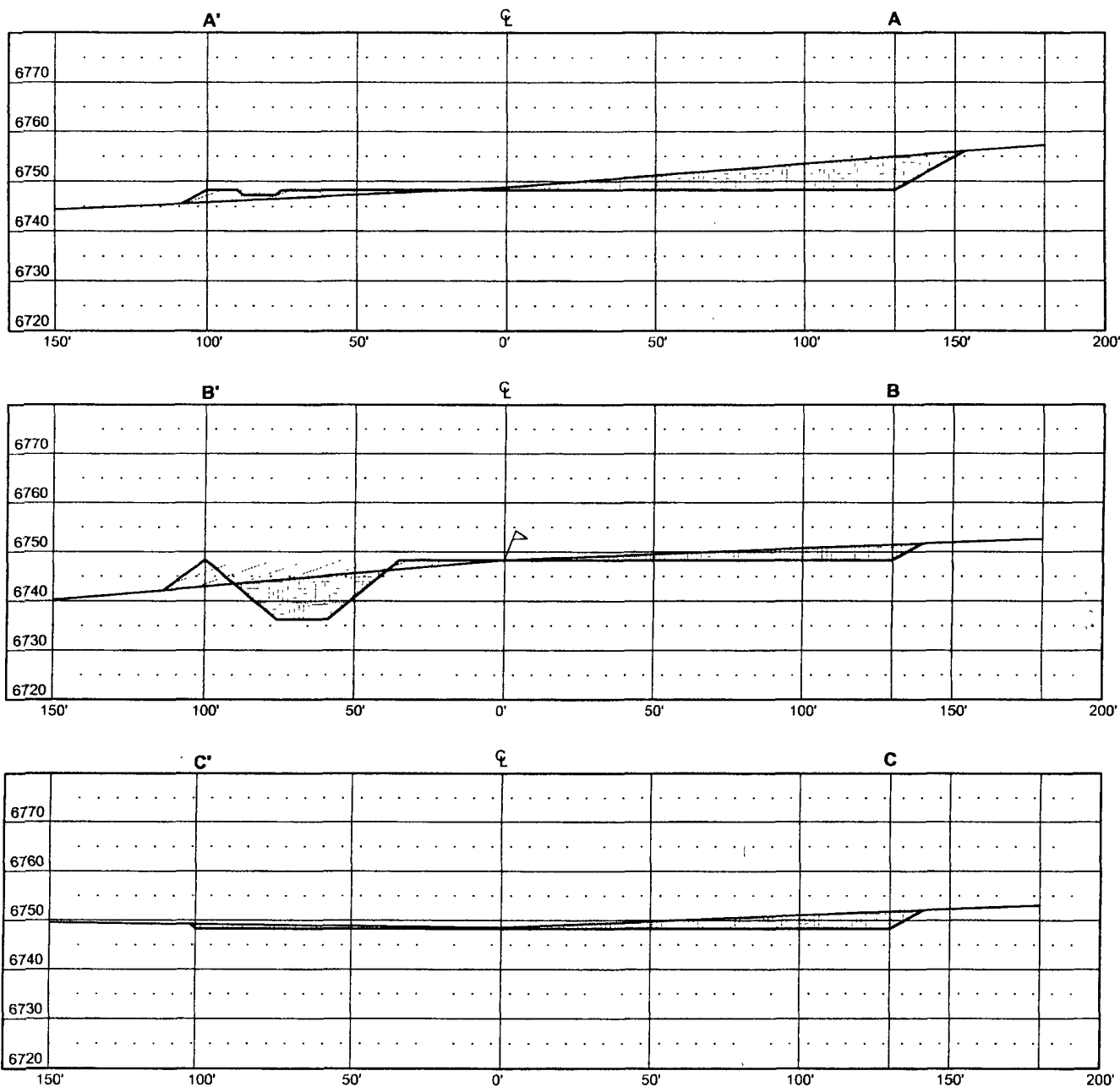
RX5

Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637

LATITUDE: 36.44531°N
LONGITUDE: 107.47003°W
DATUM: NAD 83

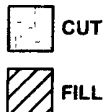
BURLINGTON RESOURCES O&G CO LP

KLEIN #26N
1770' FNL & 1780' FNL ~~FNL~~ **FEL**
LOCATED IN THE SW/4 NE/4 OF SECTION 33,
T26N, R6W, N.M.P.M.,
RIO ARRIBA, NEW MEXICO
GROUND ELEVATION: 6748', NAVD 88
FINISHED PAD ELEVATION: 6748.3', 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.: COPC081
DATE: 07/03/07



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637