

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD MAR 12 '08
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED OCT 2 2007 Bureau of Land Management Farmington Field Office	5. Lease Number USA NM-03863 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 VALDEZ 9. Well Number #7A
4. Location of Well Surf: Unit F (SENW), 1990' FNL & 1410' FWL Surf: Latitude 36° 38.0264585 N Longitude 107° 15.5647124 W		10. Field, Pool, Wildcat BLANCO MESAVERDE 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 28, T28N, R4W API # 30-039- 30387
14. Distance in Miles from Nearest Town 52 mile/Bloomfield	12. County RIO ARRIBA	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1410'		
16. Acres in Lease 1280	17. Acres Assigned to Well MV 320 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2175' from SJ 28-4 14		
19. Proposed Depth 6720'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7340' GL 7339	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT	
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	9-27-07 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 3

Bond Numbers NMB-000015 and NMB-000089

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

NMOCD
MAR 19 2008

This action is subject to technical and procedural review pursuant to 43 CFR 3165.9 and appeal pursuant to 43 CFR 3165.4

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

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

OCT 2 2007

Bureau of Land Management
Farmington Field Office

Fee Lease - 3 Copies

State Lease - 7 Copies

Appropriate District Office

Revised June 10, 2003

Form C-102

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-059- 30387	² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code 7620	⁵ Property Name VALDEZ	⁶ Well Number 7A
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES O&G LP	⁹ Elevation 7,339.2

¹⁰ SURFACE LOCATION

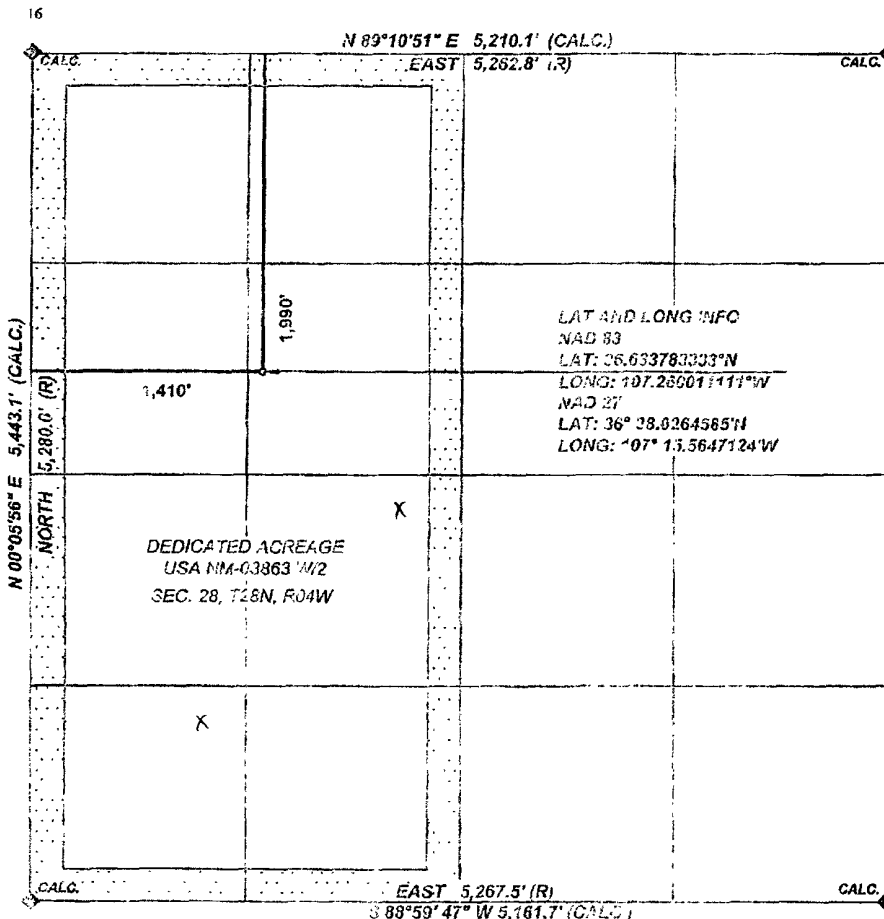
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	28	28	04		1990	NORTH	1410	WEST	RIO ARRIBA

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

¹² Dedicated Acres 320 <i>W/2</i>	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

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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Rhonda Rogers
Signature

Printed Name Rhonda Rogers

REGULATORY TECHNICIAN

Title and E-mail Address

11/15/2006

Date

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: 10/4/06

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

May 27, 2004

Office

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District II

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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

WELL API NO.

30-039- 30387

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #USA NM-03863

7. Lease Name or Unit Agreement Name

VALDEZ

8. Well Number

#7A

9. OGRID Number

14538

10. Pool name or Wildcat

BLANCO MESAVERDE

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 F

: 1990'

feet from the

North

line and

1410'

feet from the

West

line

Section 28

Township 28N

Rng 4W

NMPM

County

Rio Arriba

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

7340'

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

<1000'

Pit Liner Thickness:

12

mil

Below-Grade Tank: -

Volume

bbls;

Construction Material

>1000'

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

9-27-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

MAR 19 2008

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

VALDEZ 7A

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.7833		AFE \$: 543,347.10	
Field Name: hBR_SAN JUAN		Rig: XXX 2009 Vertical		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Pippin, Eddie A		Phone: 505-326-9780		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.633774	Longitude: -107.259412	X:	Y:	Section: 28	Range: 004W
Footage X: 1410 FWL	Footage Y: 1990 FNL	Elevation: 7339	(FT)	Township: 028N	
Tolerance:					

Location Type: Restricted	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
Formation Data: Assume KB = 7353 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	216	7137	☐			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Circulate cement to surface w/ 159 cu ft..
OJAM	3718	3635	☐			Possible water flows.
KRLD	3822	3531	☐			
FRLD	3925	3428	☐			Possible gas.
Intermediate Casing	3950	3403	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Circulate cement to surface w/ 890 cu ft..
PCCF	4251	3102	☐			
LEWS	4359	2994	☐			
HURF	4895	2458	☐			
CHRA	5247	2106	☐			
UCLFH	5862	1491	☐			
CLFH	5945	1408	☐			Gas; possibly wet
MENF	6139	1214	☐			Gas.
PTLK	6414	939	☐			Gas.
TOTAL DEPTH MV	6720	633	☐	900		6-1/4" Hole. 4-1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string w/ 381 cu ft.. No open hole logs. Cased hole TDT with GR to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	Valdez 8A	28-28N-4W-SE, KB = 7256
Intermediate	Valdez 7	28-28N-4W-SW, KB = 7240
Intermediate	Valdez 8	28-28N-4W-NE, KB = 7368
Intermediate	Gregory Federal A-1	27-28N-4W-NW, KB = 7285
Intermediate	Valencia Canyon 43	27-28N-4W-SW, KB = 7260
Intermediate	SJ 28-4 37	29-28N-4W-NE, KB = 7367

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

VALDEZ 7A

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

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Zones - MVNM028N004W28NW1

BURLINGTON RESOURCES OIL & GAS COMPANY LP

VALDEZ #7A

1,990 FNL, 1,410 FWL

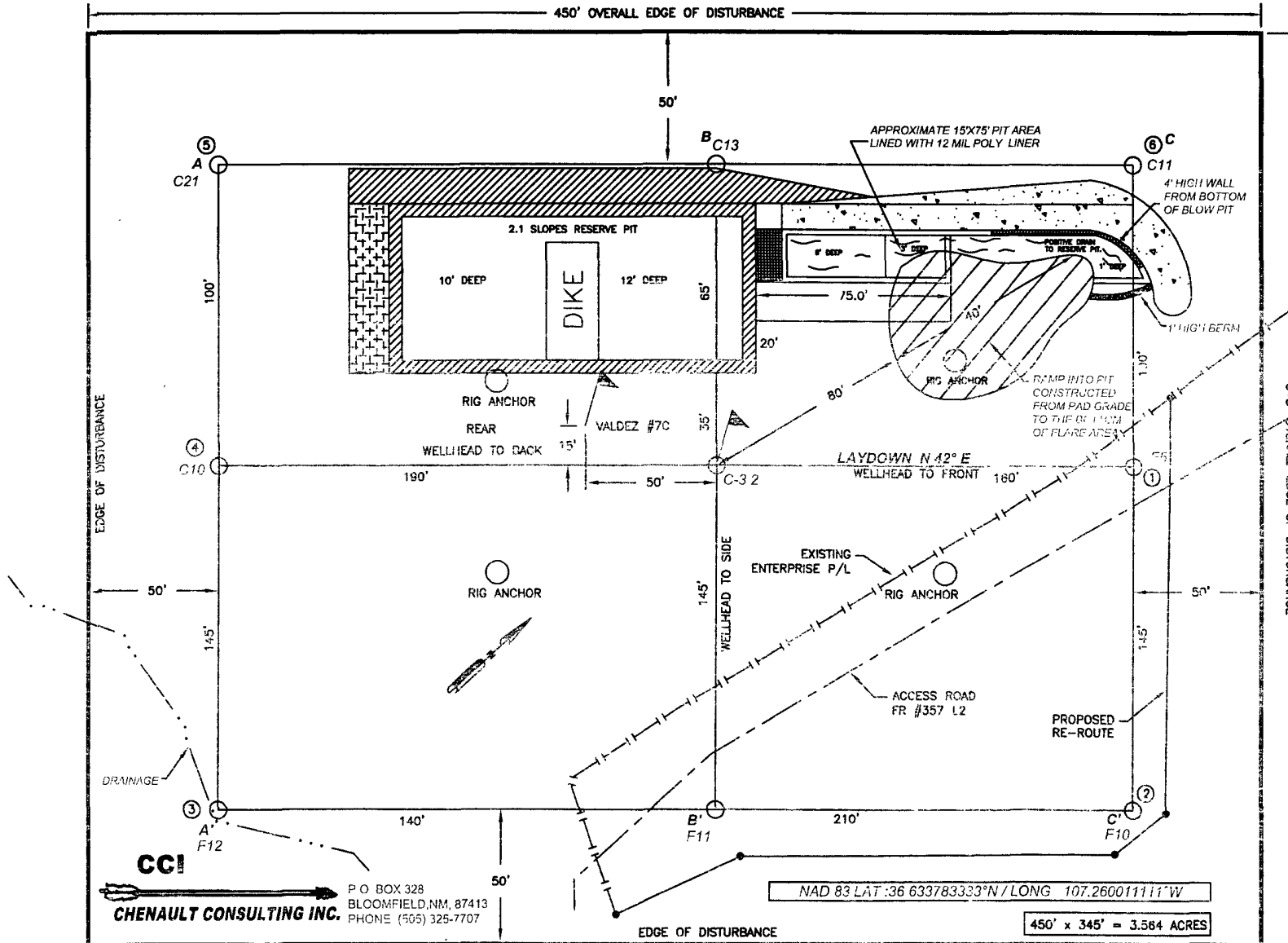
SEC.28, T28N, R04W, N.M.P.M.,

RIO ARRIBA COUNTY, NEW MEXICO

GROUND ELEV.: 7339 NAVD88

DATE: OCTOBER 4, 2006

NO NEW ACCESS ROAD



NOTES:

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.C.I. SURVEYS 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 AND DR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY LP

VALDEZ #7A

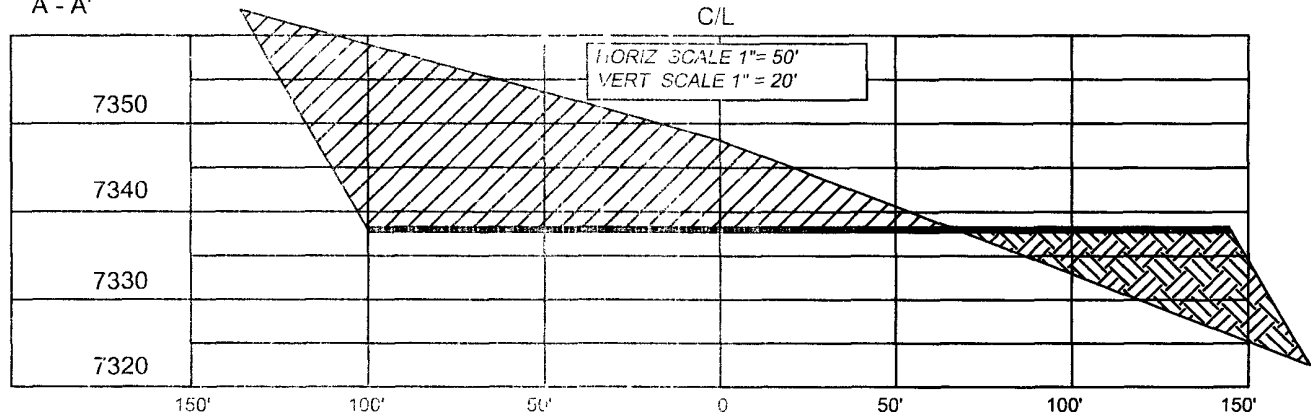
1,990'FNL, 1,410'FWL

SECTION 28, T28N, R04W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

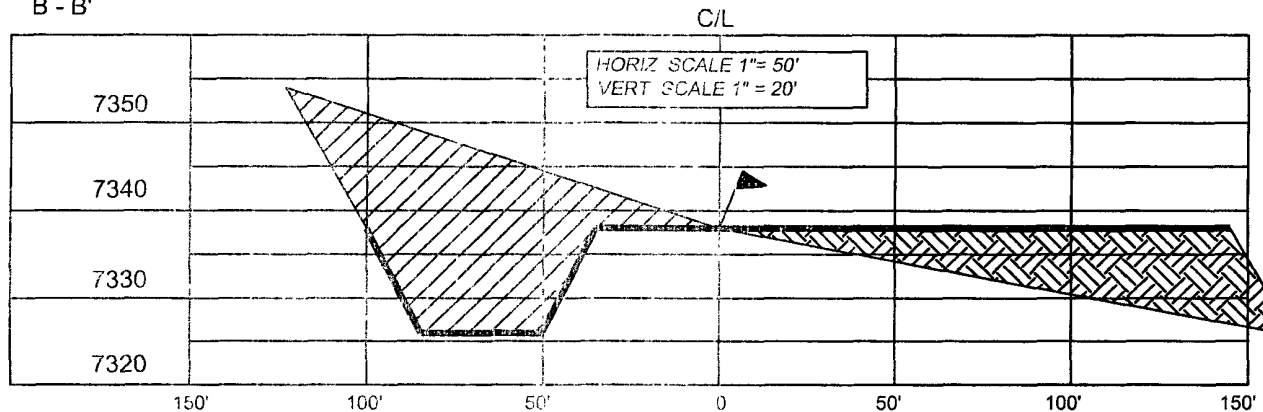
ELEV.: 7339 NAVD88

NO NEW ACCESS

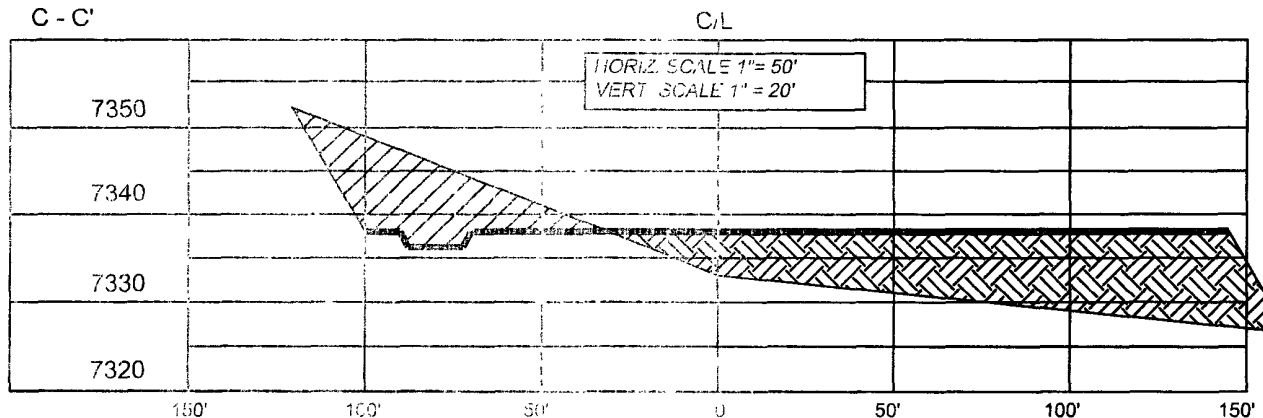
A - A'



B - B'



C - C'



NOTE: CCI 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 AND/OR ACCESS ROAD PRIOR TO CONSTRUCTION

REVISIONS			
NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUE FOR REVIEW	TJR	12/14/06

CCI
CHENAULT CONSULTING INC.

P.O. BOX 328
BLOOMFIELD, NM, 87413
PHONE: (505) 325-7707