

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD APR 4 '08

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR 14 2008	5. Lease Number USA SF-078571 Unit Reporting Number
1b. Type of Well GAS	Bureau of Land Management Farmington Field Office	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 Day B 9. Well Number #5A
4. Location of Well Surf: Unit O(SWSE), 825' FSL & 1575' FEL Surf: Latitude 36.584398° N Longitude 107.718725° W		10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 7, T27N, R8W API # 30-045-34653
14. Distance in Miles from Nearest Town 17 miles/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 825'		
16. Acres in Lease 640.44	17. Acres Assigned to Well 320.00 - (E/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1652' from Day B #4N		
19. Proposed Depth 7490'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6802' GR	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)		3/14/08 Date

PERMIT NO. APPROVAL DATE
APPROVED BY: [Signature] TITLE AFM DATE 4/2/08

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 34 Bond Numbers NMB-000015 and NMB-000089

APR 04 2008 NMOC



H₂S POTENTIAL EXIST

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

RECEIVED

MAR 14 2008

Bureau of Land Management
Farmington Field Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34653	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 6948	⁵ Property Name DAY B	⁶ Well Number 5A
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6802

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
O	7	27-N	8-W		825	SOUTH	1575	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
O									

¹² Dedicated Acres 320.00	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 	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. Signature Crystal Walker Printed Name Regulatory Technician Title and E-mail Address 3-14-08 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: 10/03/07 Signature and Seal of Professional Surveyor: Certificate Number: NM 11393
	5320.9' (R) 5319.7' (M)
	825' N 87°53' W N 88°0' W

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- **34653**

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

SF-078571

7. Lease Name or Unit Agreement Name

Day B

8. Well Number

#5A

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde/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 O : 825 feet from the South line and 1575 feet from the East line
 Section 7 Township 27N Rng 8W NMPM County San Juan

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

6802' GR

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 ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐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

Crystal Walker

TITLE

Regulatory Technician

DATE

2/21/2008

Type or print name

Crystal Walker

E-mail address:

crystal.walker@conocophillips.com

Telephone No.

505-326-9837

For State Use Only

APPROVED BY

[Signature]

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

APR 04 2008

Conditions of Approval (if any):

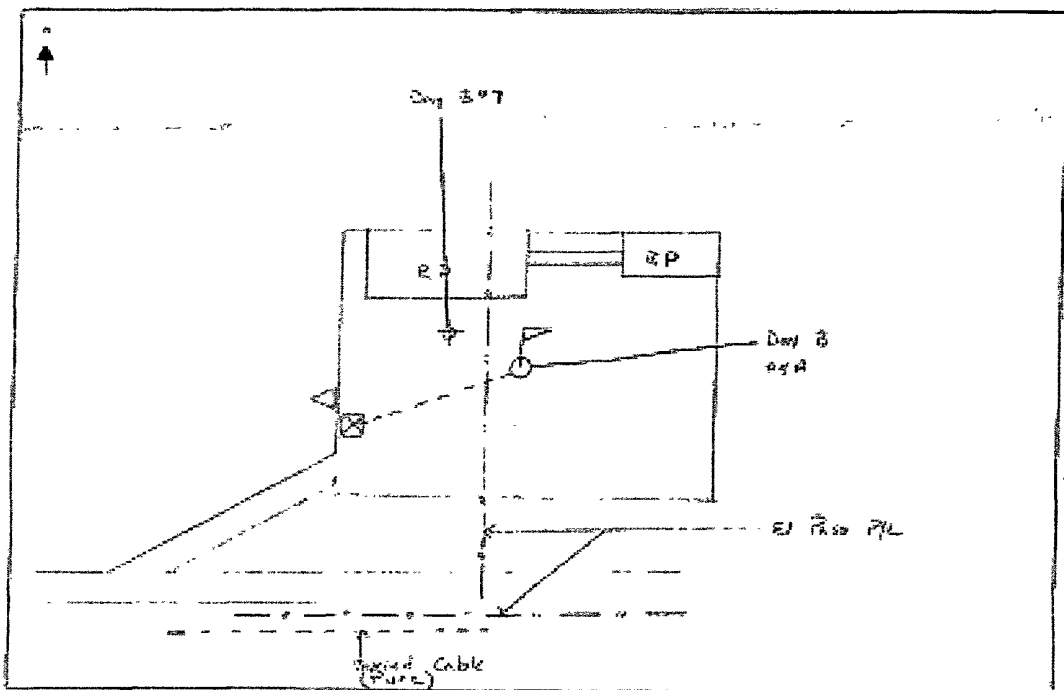


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Day B WSA LEGALS 7 27 N COUNTY San Juan

PURPOSED C.P. SYSTEM: Drill AB and set out solar. Terminate approx. 150'
of the negative cable from wellhead to solar.



EXISTING WELLS	WATERGASSE	W.B.	POWER SOURCE	CABLE	NEW WELLS	GROUNDING

COMMENTS: Positive cable belongs to Pure Energy (USEC)

NEAREST POWER SOURCE USEC DISTANCE: 600'
PIPELINES IN AREA: El Paso

TECHNICIAN: [Signature] DATE: 12/18/07

8 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DAY B 5A

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7292		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: XXX 2009 Deep		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Surface Hole:					
Latitude: 36.584390	Longitude: -107.718112	X:	Y:	Section: 07	Range: 008W
Footage X: 1575 FEL	Footage Y: 825 FSL	Elevation: 6802	(FT)	Township: 027N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date: Date In Operation:	
Formation Data: Assume KB = 6814 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6494	☐		
OJO ALAMO	2004	4810	☐		
KIRTLAND	2077	4737	☐		
FRUITLAND	2599	4215	☐		Possible Gas
PICTURED CLIFFS	2889	3925	☐		
LEWIS	3019	3795	☐		
HUERFANITO BENTONITE	3374	3440	☐		
CHACRA	3804	3010	☐		
MASSIVE CLIFF HOUSE	4464	2350	☐	630	
MENEFEE	4562	2252	☐		
MASSIVE POINT LOOKOUT	5196	1618	☐		GAS
MANCOS	5507	1307	☐		
UPPER GALLUP	6366	448	☐		
GREENHORN	7117	-303	☐		
GRANEROS	7176	-362	☐		
TWO WELLS	7234	-420	☐	1750	Gas
PAGUATE	7286	-472	☐		
CUBERO	7342	-528	☐		
ENCINAL	7415	-601	☐		
TOTAL DEPTH DK	7490	-676	☐		
TD 40' below T/MRSN. 6-1/4" Hole. 4-1/2", 11.6 ppf, N-80 LTC casing. Cement with 1035 cuft. Circulate cement to surface.					
Reference Wells: 2231 FT					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DAY B 5A

DEVELOPMENT

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

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
Est bottom perf ~15' above est TD.							

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

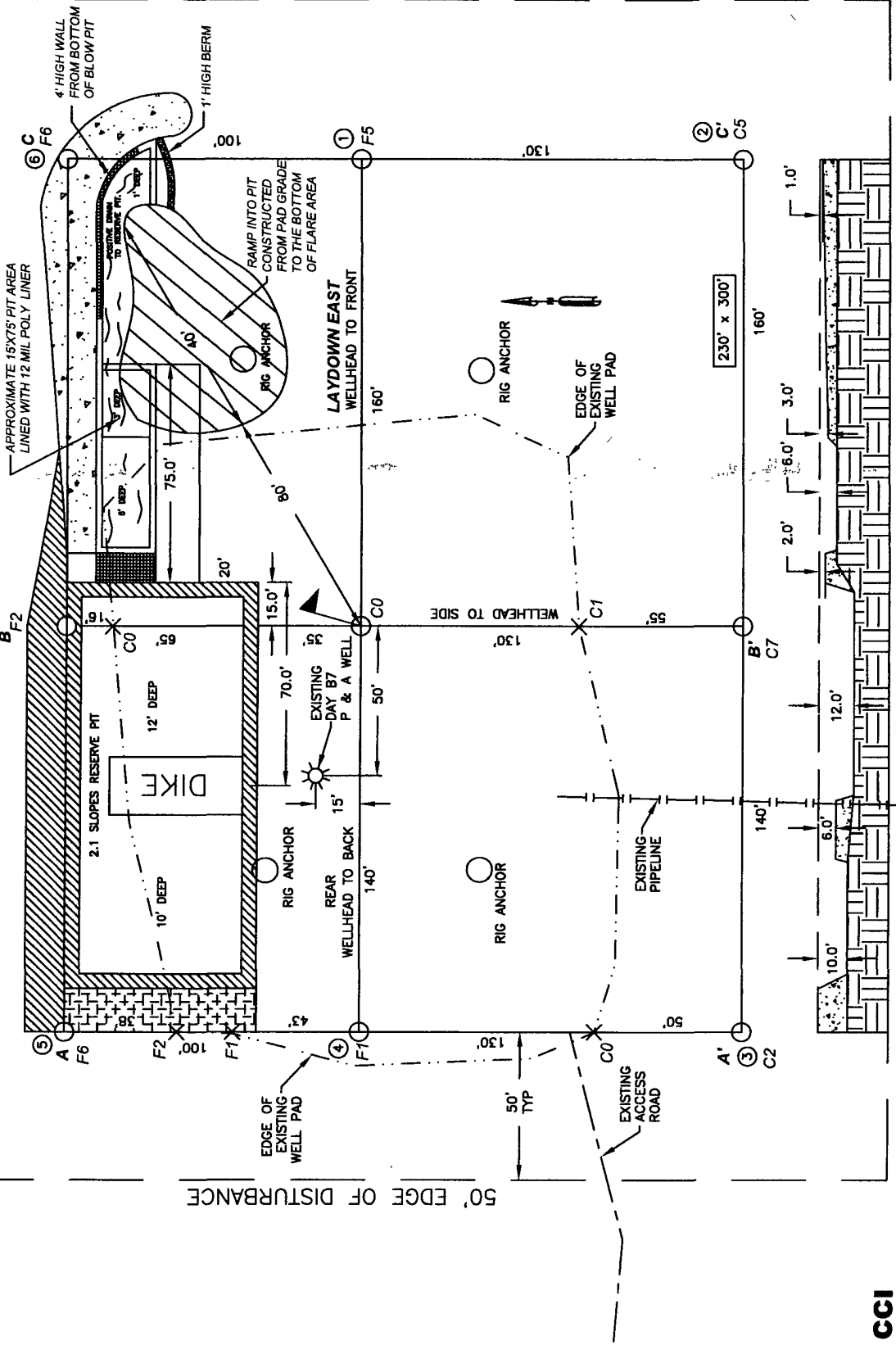
DAY B #5A

825' FSL, 1575' FEL

SECTION 7, T-27-N, R-8-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.: 6802 NAVD88 DATE: NOVEMBER 21, 2007

NO NEW ACCESS



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 OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

330' x 400' = 3.030 ACRES

PIT CROSS SECTION

NAD 83 LAT.: 36.584398°N / LONG.: 107.718725°W

CCI
CHENAULT CONSULTING INC. P.O. BOX 328
BLOOMFIELD NM, 87413
PHONE (505) 325-7707

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

DAY B #5A

825' FSL, 1575' FEL

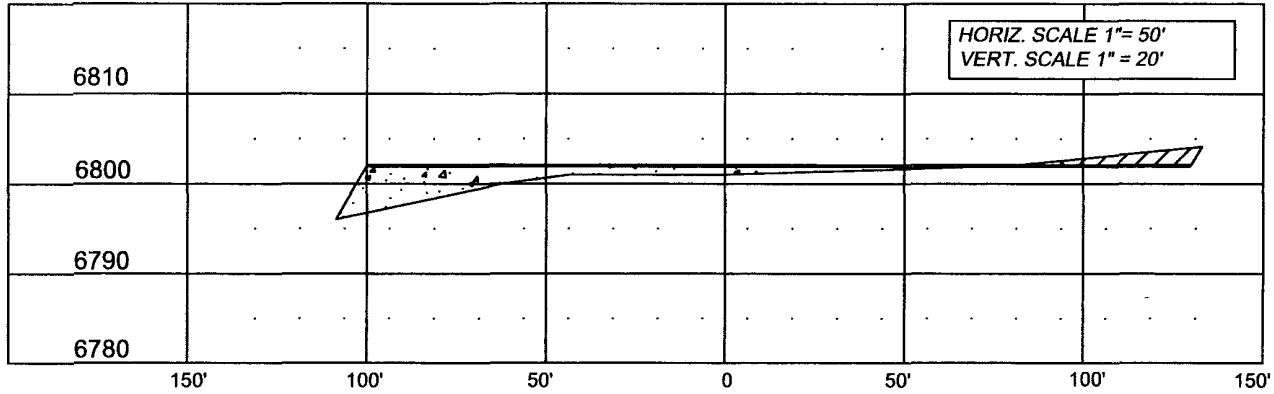
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SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6802 NAVD88

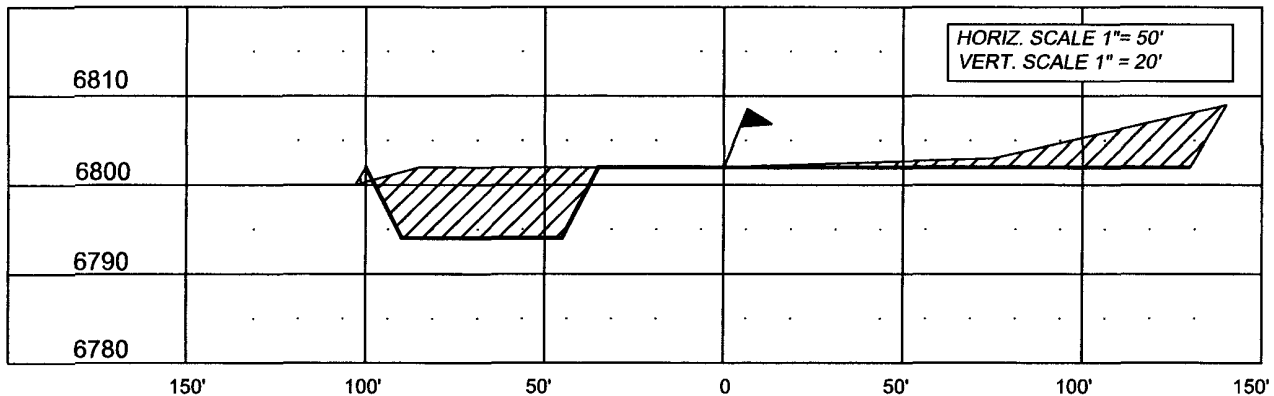
A - A' 6820

C/L



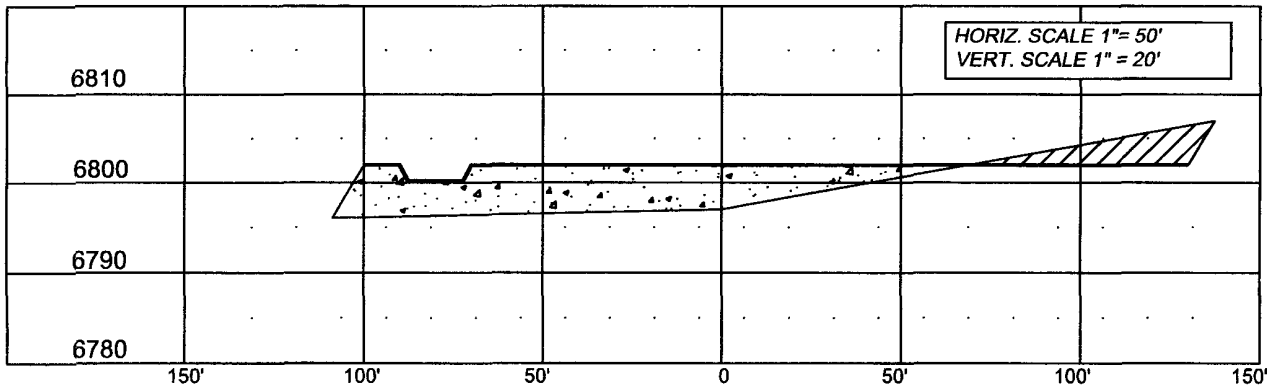
B - B' 6820

C/L



C - C' 6820

C/L



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	ISSUED FOR REVIEW	TJR	10/03/07
2	ACCESS CHANGE	TJR	11/21/07

CCI

CHENAULT CONSULTING INC.

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