

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED OCT 24 2007 Bureau of Land Management Farmington Field Office	5. Lease Number USA SF-078461 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe RCVD DEC 4 '07
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name 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 Filan 9. Well Number #5N	
4. Location of Well Unit F (SENW), 2625' FNL & 1413' FWL Surf: Latitude 36.604019' N Longitude 107.708152' W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 5, T27N, R8W API # 30-045-34479	
14. Distance in Miles from Nearest Town 16 miles/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1413'		
16. Acres in Lease 642.720	17. Acres Assigned to Well MV/DK 321.24 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1325' from Filan 2 PC		
19. Proposed Depth 7157'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6419' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	<u>10-23-07</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE JAEM

DATE 12/3/07

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

Bond Numbers NMB-000015 and NMB-000089

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

NMOC

DEC 13 2007
AV

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

RECEIVED

OCT 24 2007

Form C-102

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 Bureau of Land Management

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to Appropriate District Office

Farmington Field Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-34479		2 Pool Code 72319/71599		3 Pool Name Blanco Mesaverde/Basin Dakota	
4 Property Code 7018		5 Property Name FILAN			6 Well Number 5N
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY			9 Elevation 6419

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	5	27-N	8-W		2625	NORTH	1413	WEST	SAN JUAN

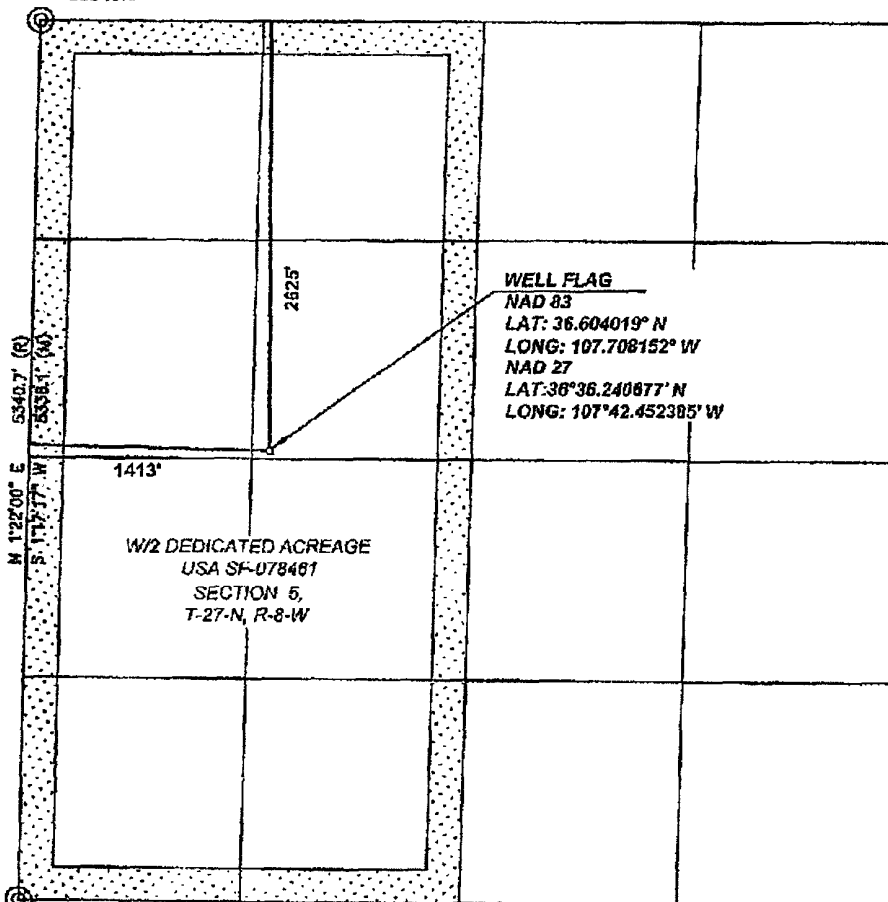
11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F									

12 Dedicated Acres 321.24 W/2	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

NORTHWEST COR
FD. 3-1/4" BRASS CAP
GLO 1915



SOUTHWEST COR
FD. 3-1/4" BRASS CAP
BLM 1985

N 89°38'00" W 5218.0' (R)
S 89°37'51" E 5212.7' (M)

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.

Kandis Roland
Signature

Kandis Roland

Printed Name

Regulatory Technician

Title and E-mail Address

6/21/07

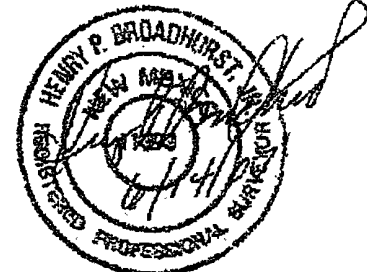
Date

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: 5/30/07

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-34479

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

Federal Lease SF-078461

7. Lease Name or Unit Agreement Name

Filan

8. Well Number

#5N

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 F : 2625 feet from the North line and 1413 feet from the West line
Section 5 Township 27N Range 8W NMPM County Rio Arriba

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

6419' 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

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

5200

1000

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 Pit

☒

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 and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCDD 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 NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Jamie Goodwin

TITLE Regulatory Technician

DATE 10/2/2007

Type or print name
For State Use Only

Jamie Goodwin

E-mail address: oodwil@conocophillips.com Telephone No.

505-326-9784

APPROVED BY

TITLE Deputy Oil & Gas Inspector,

DATE DEC 13 2007

Conditions of Approval (if any):

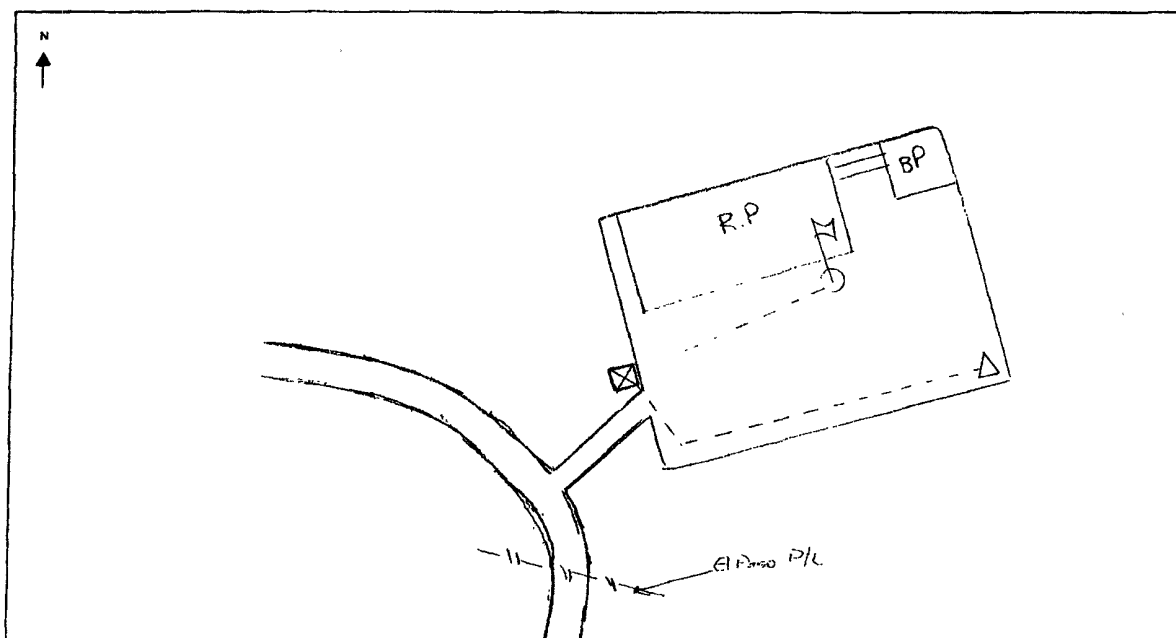
District #3



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Filan #5N LEGALS F-5-27-8 COUNTY San Juan

PURPOSED C.P. SYSYTEM: Drill GB on SE corner of the location. Set solar or Slew edge (N side of access). Trench approx 300' of positive cable from GB to solar. Trench approx 225' of #8 neg cable from proposed well to solar.



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: _____

NEAREST POWER SOURCE Filan #2 DISTANCE: 4,080'

PIPELINES IN AREA: El Paso P/L

TECHNICIAN: Michael Thompson DATE: 10/27/07

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FILAN 5N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7168		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		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		Straight Hole			
Latitude: 36.604011	Longitude: -107.707540	X:	Y:	Section: 05	Range: 008W
Footage X: 1413 FWL	Footage Y: 2625 FNL	Elevation: 6419	(FT)	Township: 027N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:	
Formation Data: Assume KB = 6431		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6231	☐		
OJO ALAMO	1651	4780	☐		
KIRTLAND	1791	4640	☐		
FRUITLAND COAL	2426	4005	☐		Possible Gas
PICTURED CLIFFS	2556	3875	☐		
LEWIS	2706	3725	☐		
HUERFANITO BENTONITE	3101	3330	☐		
CHACRA	3544	2887	☐		
MASSIVE CLIFF HOUSE	4246	2185	☐	550	Gas
MENEFEE	4271	2160	☐		
Intermediate Casing	4421	2010	☐		
MASSIVE POINT LOOKOUT	4926	1505	☐		
MANCOS	5203	1228	☐		
UPPER GALLUP	6035	396	☐		
GREENHORN	6806	-375	☐		
GRANEROS	6865	-434	☐		
TWO WELLS	6931	-500	☐	1700	Gas
PAGUATE	6983	-552	☐		
CUBERO	7035	-604	☐		
ENCINAL	7116	-685	☐		
TOTAL DEPTH DK	7157	-726	☐		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 996 cuft. Circulate cement to surface.					
6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 377 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name	Comments			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FILAN 5N

DEVELOPMENT

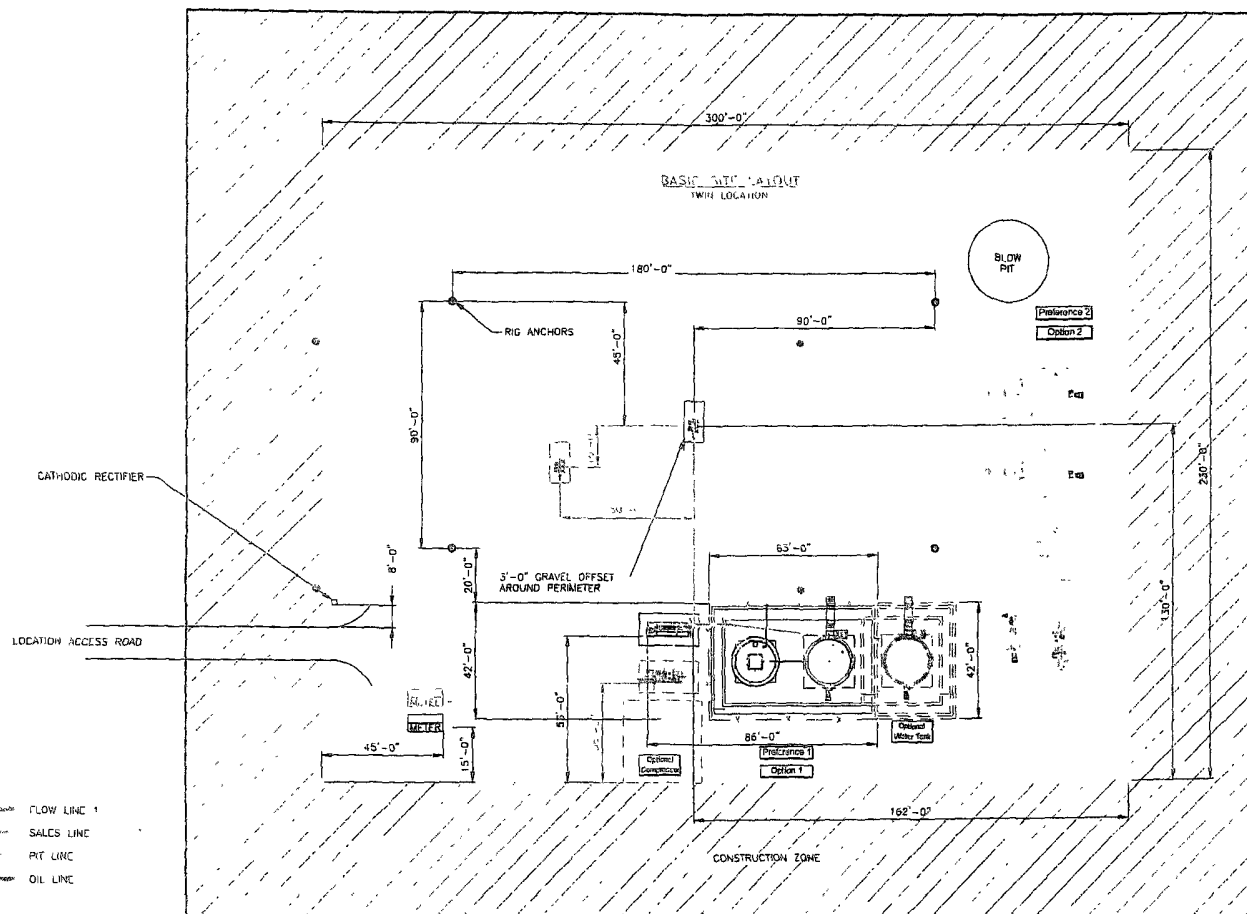
Logging Program:	
Intermediate Logs:	☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
GR/CBL. Mudlog from ~100' above the Greenhorn to TD. Est bottom perf is ~20' above TD.	

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

Comments: Location/Tops/Logging - MVNM027N008W05NW2 DK 27N08W05NW2 Coordinate with Filan 5M, prefer E,D, topo will be an issue.

Zones - MVNM027N008W05NW2 DK 27N08W05NW2



FLOW LINE 1
 SALES LINE
 PRT LINE
 OIL LINE

SEE SHEET 2 OF 5 FOR PAPER DETAILS
 ALL UNDERGROUND PIPING IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS				CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT			
										DISCIPLINE	REVIEWED	DATE	NO	DESCRIPTION			CLIENT NO	CLIENT APPR	APPR. DATE	
										PROCESS										
										MECHANICAL										
										PIPING										
										ELECTRICAL										
										I & C										
										CIVIL/STRUCTURAL										
										SAN JUAN BUSINESS UNIT					DRAWN BY		SCALE: 1/8"=1'-0"	STANDARD DATE: 6/20/97	SHEET NO.	
DESCRIPTION										DATE	BY	CHK'D	ENG	DISC	PRJ	HP3PHASE-REV1		1 of 5		

BURLINGTON RESOURCES OIL AND GAS COMPANY

FILAN 5N

2625' FNL, 1413' FWL

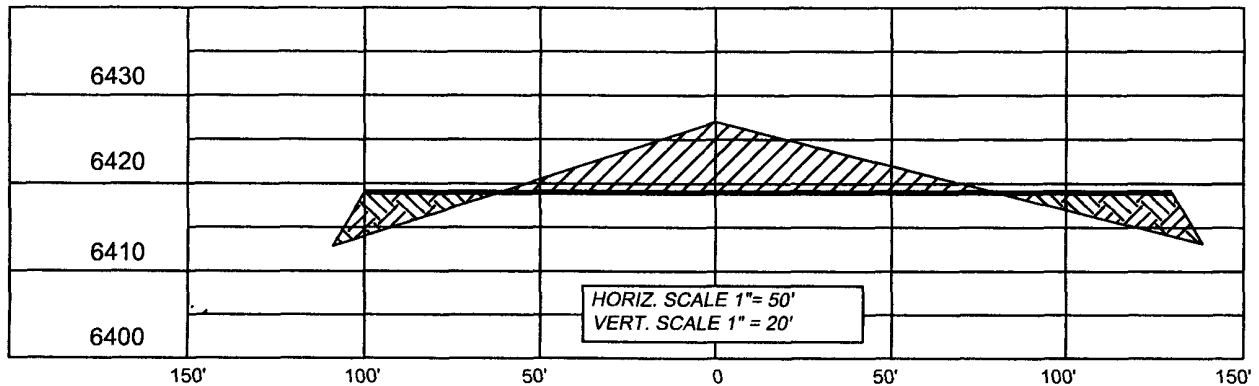
SECTION 5, T-27-N, R-8-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6419 NAVD88

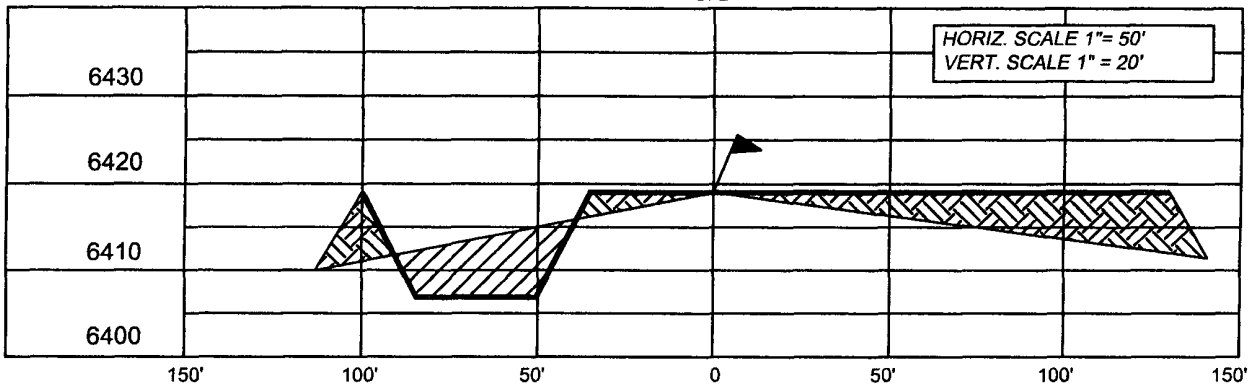
A - A'

C/L



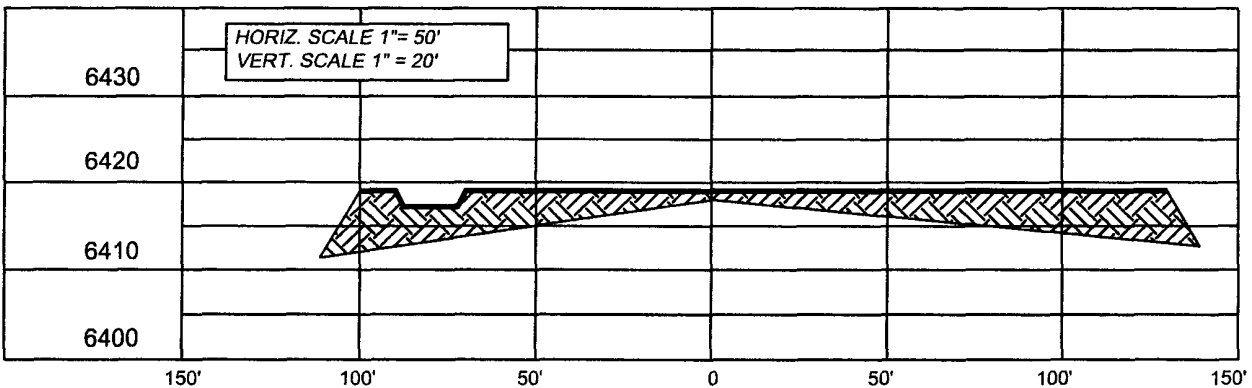
B - B'

C/L



C - C'

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	ISSUE FOR REVIEW	L.H.	6/30/07

CCI

CHENAULT CONSULTING INC.

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

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.