

RCVD APR 4 '08

OIL CONS. DIV.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	<div style="text-align: center;"> RECEIVED MAR 14 2008 Bureau of Land Management Farmington Field Office </div>	5. Lease Number USA SF-077107-A 077111 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 Hancock B	9. Well Number #8S
4. Location of Well Surf: Unit M(SWSW), 845' FSL & 1130' FWL Surf: Latitude 36.628083° N Longitude 107.781108° W	10. Field, Pool, Wildcat Basin Fruitland Coal	11. Sec., Twn, Rge, Mer. (NMPM) M Sec. 27, T28N, R9W API # 30-045-34636
14. Distance in Miles from Nearest Town 14 miles/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 845'		
16. Acres in Lease 1,222.970 2575.13	17. Acres Assigned to Well 320.00 - (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 68' from Meridian Lackey #8 - P&A - Chacra		
19. Proposed Depth 2574'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6227' GR	22. Approx. Date Work will Start	
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: D. Maakee

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 2

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NMOCD

APR 04 2008

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT
Bureau of Land Management
Farmington Field Office

¹ API Number 30-045-34636	² Pool Code 71629	³ Pool Name Basin FRUITLAND COAL
⁴ Property Code 7078	⁵ Property Name HANCOCK B	
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	
		⁶ Well Number 8S
		⁹ Elevation 6227

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
M	27	28-N	9-W		845	SOUTH	1130	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
M									

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. <i>Crystal Walker</i> 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: 12/13/07 Signature and Seal of Professional Surveyor: 		Certificate Number: NM-11391

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.

30-045-34636

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-077107-A 077111

7. Lease Name or Unit Agreement Name

Hancock B

8. Well Number

#8S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

SUNDARY 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 M : 845 feet from the South line and 1130 feet from the West line
 Section 27 Township 28N Rng 9W NMPM County San Juan

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

6227' 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

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐

OTHER:

New Drill ☒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 2/29/2008

Type or print name

Crystal Walker

E-mail address:

crystal.walker@conocophillips.com

Telephone No.

505-326-9837

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

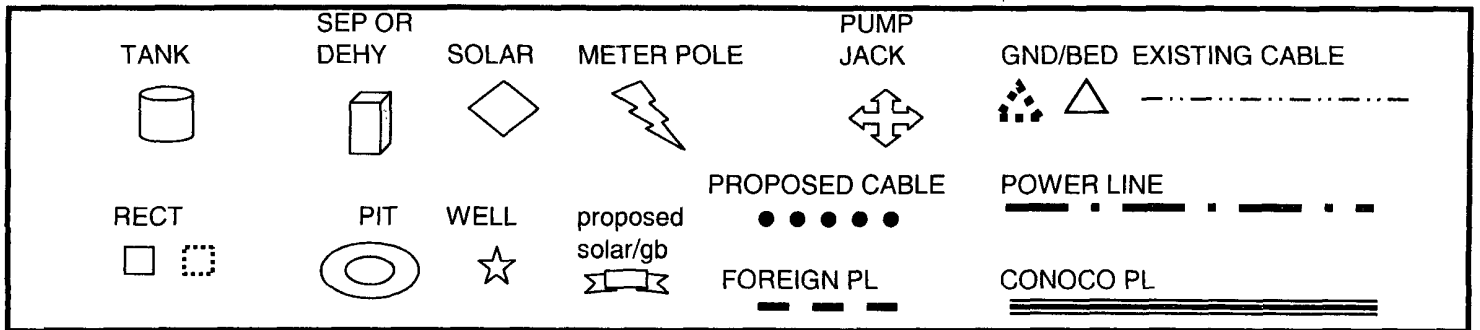
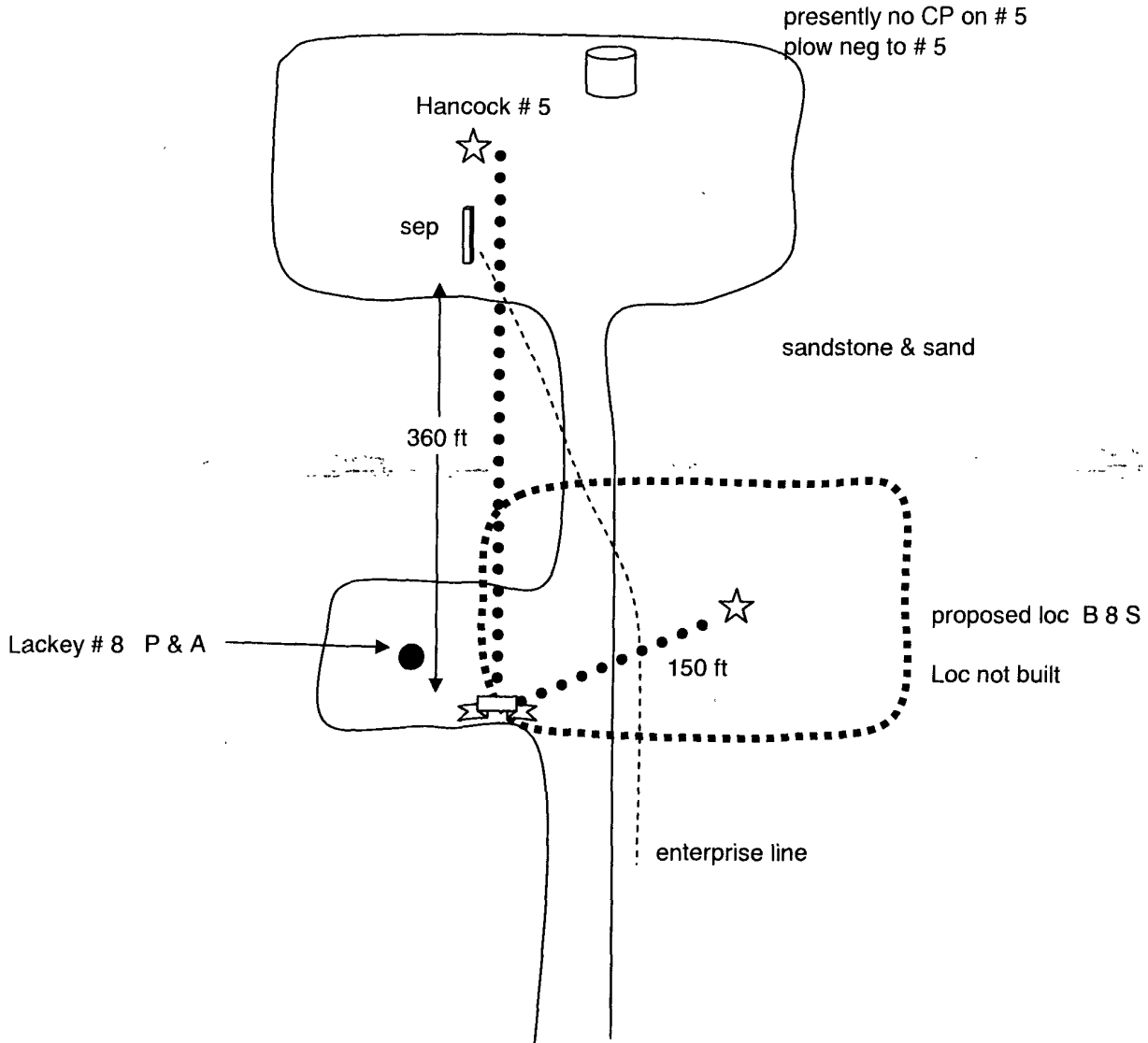
APR 04 2008

Conditions of Approval (if any):

Cathodic Plat

WELL NAME

N



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HANCOCK B 8S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7311		AFE \$: 226,583.11	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Clark, Dave D		Phone: 505-326-9762		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):	
Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface		Datum Code: NAD 27			
Latitude: 36.628076	Longitude: -107.780493	X:	Y:	Section: 27	Range: 009W
Footage X: 1130 FWL	Footage Y: 845 FSL	Elevation: 6227 (FT)	Township: 028N		
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data:	Assume KB = 6239	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6119	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1376	4863	<input type="checkbox"/>			
KIRTLAND	1517	4722	<input type="checkbox"/>			
FRUITLAND	2081	4158	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2374	3865	<input type="checkbox"/>	200		Gas
Total Depth	2574	3665	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 395 cuft. Circulate cement to surface.

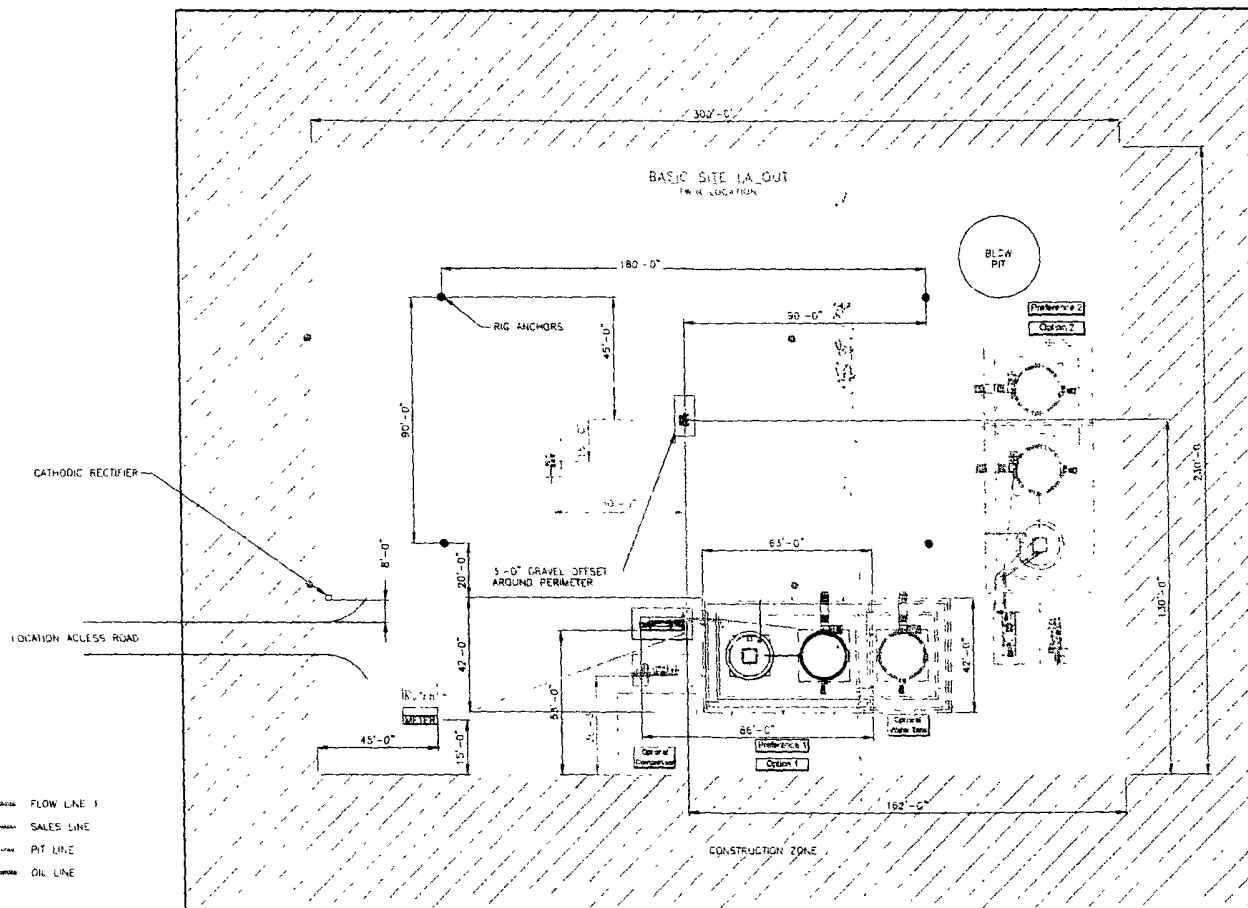
Reference Wells:		
Reference Type	Well Name	Comments

Logging Program:		
Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
GR/CBL							

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

Comments:



FLOW LINE 1
 SALES LINE
 PIT LINE
 OIL LINE

SEE SHEET 3 & 4 FOR PIPING DETAILS
 ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW		REFERENCE DRAWINGS		ConocoPhillips		CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT		
										DESIGNED	REVIEWED	DATE	NO.	DESCRIPTION		CLIENT NO.	CLIENT APPR.	DATE
										PROJECT						DESIGN BY	SCALE	REVISION DATE
										PROCESS								
										MECHANICAL								
										PIPING								
										ELECTRICAL								
										I & C								
										CIVIL/STRUCTURAL								
										PROJECT								
										DESCRIPTION	DATE	BY	CHK'D	ENG	DISC	PRJ	SAN JUAN BUSINESS UNIT	
										HP3PHASE-REV1							11/15/11	

Address: S:\gpr\Bnc\1\America\Regulatory\San Juan Location Site Layout.dwg 8/6/2007 - 02:39pm

HANCOCK B 85
845' FSL, 1130' FWL

GROUND ELEV.: 6227 NAVD88 DATE: DECEMBER 13, 2007

NO NEW ACCESS

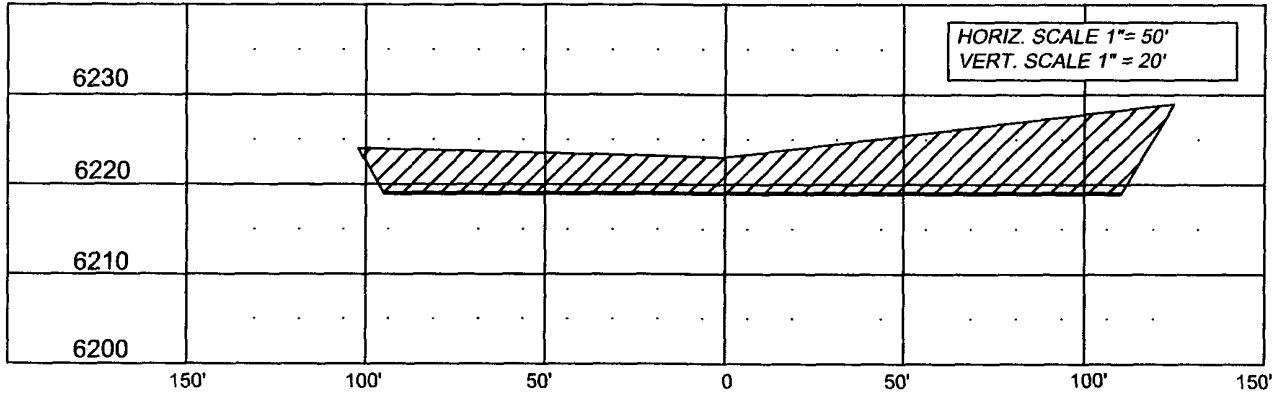


1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL AND GAS COMPANY LP
HANCOCK B 8S
845' FSL, 1130' FWL
SECTION 27, T-28-N, R-9-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
ELEV.: 6227 NAVD88

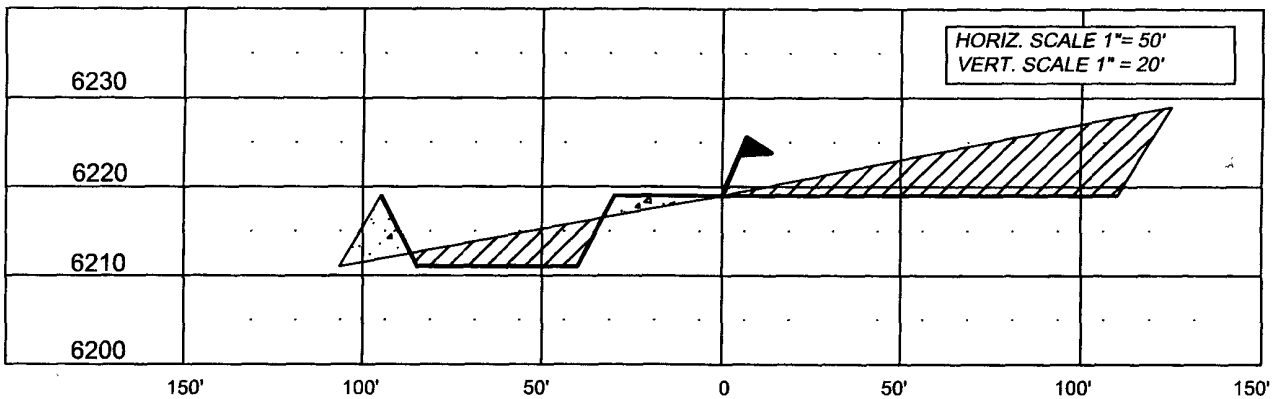
A - A'

C/L



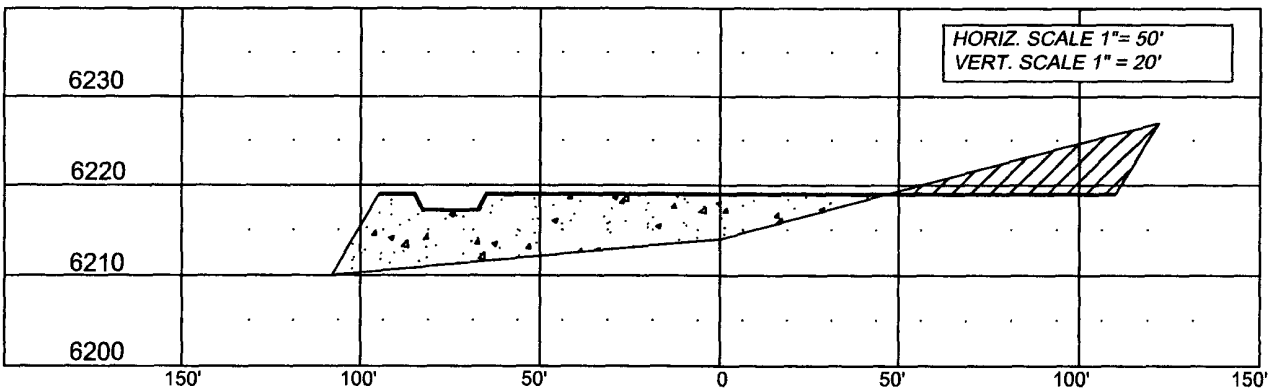
B - B'

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	ISSUED FOR REVIEW	L H	12/13/07

CCI

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

CHENAULT CONSULTING INC.