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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 29 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-079050-B 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 DK - NMNM 78412C MV - NMNM 78412A San Juan 28-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number RCVD MAY 20 '08 #113N OIL CONS. DIV.
4. Location of Well Surf: Unit E (SWNW), 2295' FNL & 690' FWL Surf: Latitude 36.633234 N Longitude 107.443138 W	10. Field, Pool, Wildcat DIST. 3 Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 26, T28N, R6W API # 30-039- 30527
14. Distance in Miles from Nearest Town 40 miles/Blanco	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 690'	13. State NM
16. Acres in Lease 480.00	17. Acres Assigned to Well 320.00 (W/2) - DK/MV
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1384' from San Juan 28-6 Unit #4	
19. Proposed Depth 7925'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6664' 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>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	Date <u>4-29-08</u>

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]

TITLE Acting AGM Minerals DATE 5/19/08

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 3

Bond Numbers NMB-000015 and NMB-000089

MAY 21 2008

NMOCD

**NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT**

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

APR 29 2008

Bureau of Land Management
 Farmington Field Office

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-039- 30527	² Pool Code 72319/71599	³ Pool Name Basin Blanco MESAVERDE / DAKOTA
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 113N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6664

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
E	26	28-N	6-W		2295	NORTH	690	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
E									

¹² Dedicated Acres 320 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

¹⁶ 5271.6' (M) 5280.0' (R) 2295' S 89°47'12" W N 89°55'00" W 690' WELL FLAG NAD 83 LAT: 38.633234° N LONG: 107.443138° W NAD 27 LAT: 38°37.993548' N LONG: 107°26.552064' W W/2 DEDICATED ACREAGE USA SF-079050-B SECTION 26, T-28-N, R-6-W	5276.7' (M) 5277.4' (R)	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>Sasha Spangler</i> Signature Sasha Spangler Printed Name Regulatory Technician Title and E-mail Address 01-17-08 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: 1/4/08 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393

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.

30-039-

30527

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-079050-B

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

#113N

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Daktoa/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 E : 2295 feet from the North line and 690 feet from the West line
Section 26 Township 28N Rng 6W NMPM County Rio Arriba

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

6664' 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 ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐

OTHER:

New Drill Pit ☒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

4/9/2008

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

MAY 21 2008

Conditions of Approval (if any):

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.LI

WELL NAME

SAN JUAN 28 - 6 # 113 N

DATE

1/15/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC	TNSHP	RANGE
E 26	28 N	6 W

LATITUDE
36.633234 N

LONGITUDE
107.443138 W

COUNTY

RIO ARRIBA

RECTIFIER

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			

SOLAR**GROUND BED**

	X			
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240 V METER POLE**480 V METER POLE****D C CABLES**

# 8	200'			
-----	------	--	--	--

A C CABLES

# 8	1000'			
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PRIMARY POWER

				JEMEZ
--	--	--	--	-------

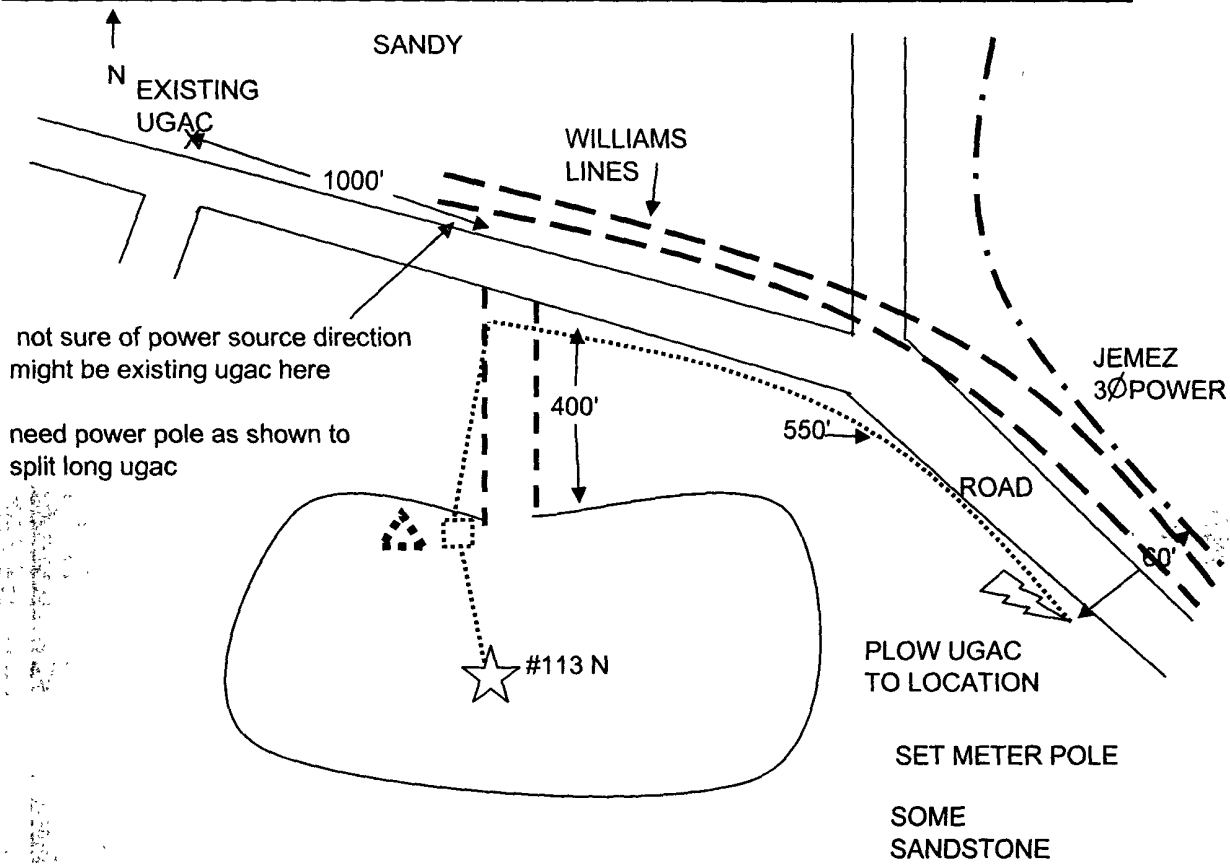
DISTANCE TO POWER

				950'
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UNDERGROUND**PUMPJACK****WATER PUMP****COMPRESSOR****RTU****SAMS****TANKS****COMMENTS**

set meter pole - tie into existing ugac as well as new well - install rectifier system
some sandstone

WELL NAME
SAN JUAN 28 - 6 # 113 N



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED EXISTING CABLE
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE
			FOREIGN PL		CONOCO PL

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 113N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7468		AFE \$:	
Field Name: hBR_SAN JUAN 28-6 UNIT		Rig: Aztec Rig 301		State: NM	County: RIO ARRIBA
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
R20076	DAKOTA(R20076)				
R20002	MESAVERDE(R20002)				
Location: Surface Datum Code: NAD 27					
Latitude: 36.633226	Longitude: -107.442535	X:	Y:	Section: 26	Range: 006W
Footage X: 690 FWL	Footage Y: 2295 FNL	Elevation: 6664	(FT)	Township: 028N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:	Date In Operation:
Formation Data: Assume KB = 6676 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6476	<input type="checkbox"/>		
OJO ALAMO	2777	3899	<input type="checkbox"/>		
KIRTLAND	2857	3819	<input type="checkbox"/>		
FRUITLAND	2943	3733	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3456	3220	<input type="checkbox"/>		
LEWIS	3627	3049	<input type="checkbox"/>		
Intermediate Casing	3727	2949	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 750 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4057	2619	<input type="checkbox"/>		
CHACRA	4417	2259	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5212	1464	<input type="checkbox"/>	683	Gas
MENEFEE	5294	1382	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	5639	1037	<input type="checkbox"/>		
MANCOS	5795	881	<input type="checkbox"/>		
UPPER GALLUP	6900	-224	<input type="checkbox"/>		
GREENHORN	7592	-916	<input type="checkbox"/>		
GRANEROS	7658	-982	<input type="checkbox"/>		
TWO WELLS	7694	-1018	<input type="checkbox"/>	2400	Gas
PAGUATE	7778	-1102	<input type="checkbox"/>		
UPPER CUBERO	7805	-1129	<input type="checkbox"/>		
LOWER CUBERO	7845	-1169	<input type="checkbox"/>		
Total Depth	7925	-1249	<input type="checkbox"/>		7-7/8" hole, 4-1/2" 10.5 ppf / 11.6 ppf, J-55 ST&C/ LT&C casing. Cement with 625 cuft. Circulate cement with minimum of 100-ft inside the previous csg. string.
ENCINAL	7925	-1249	<input type="checkbox"/>		
Reference Wells:					
Reference Type	Well Name		Comments		
Intermediate	SJ 28-6 Unit # 113M				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 113N

DEVELOPMENT

Production	SJ 28-6 Unit # 149	
Production	SJ 28-6 Unit # 113M	
Production	SJ 28-6 Unit # 113	

Logging Program:

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

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

GR_CBL. Mudlogger begin 100' above Greenhorn. Mudlogger call TD. TD at top of Encinal. Bott perf 15' above TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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BURLINGTON RESOURCES OIL AND GAS COMPANY LP

SAN JUAN 28-6 UNIT #113N

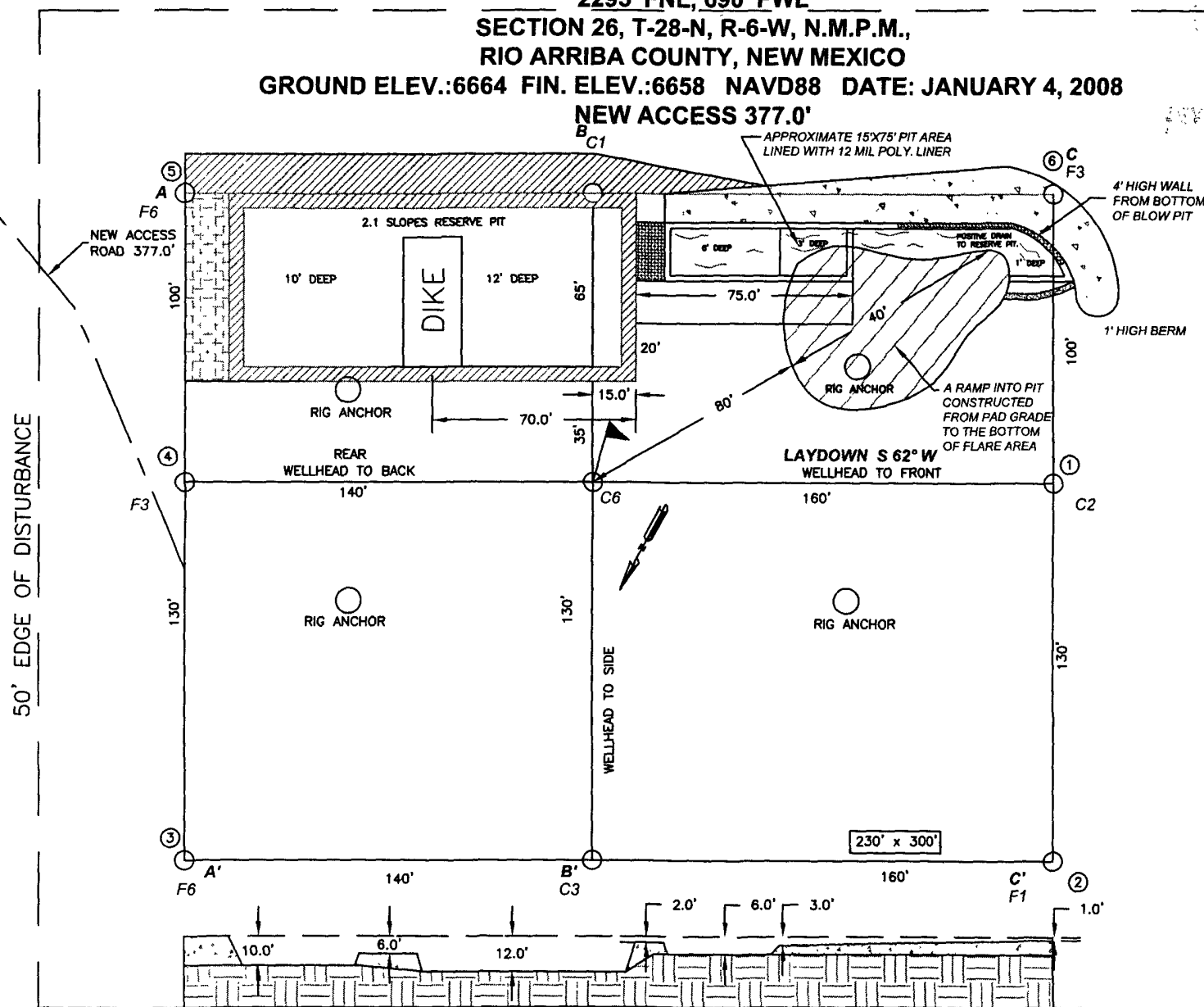
2295' FNL, 690' FWL

SECTION 26, T-28-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND ELEV.:6664 FIN. ELEV.:6658 NAVD88 DATE: JANUARY 4, 2008

NEW ACCESS 377.0'



CCI

CHENAULT CONSULTING INC.

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

PIT CROSS SECTION

NAD 83 LAT.: 36.633234°N / LONG.: 107.443138°W

330' x 400' = 3.03 ACRES

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.

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

SAN JUAN 28-6 UNIT #113N

2295' FNL, 690' FWL

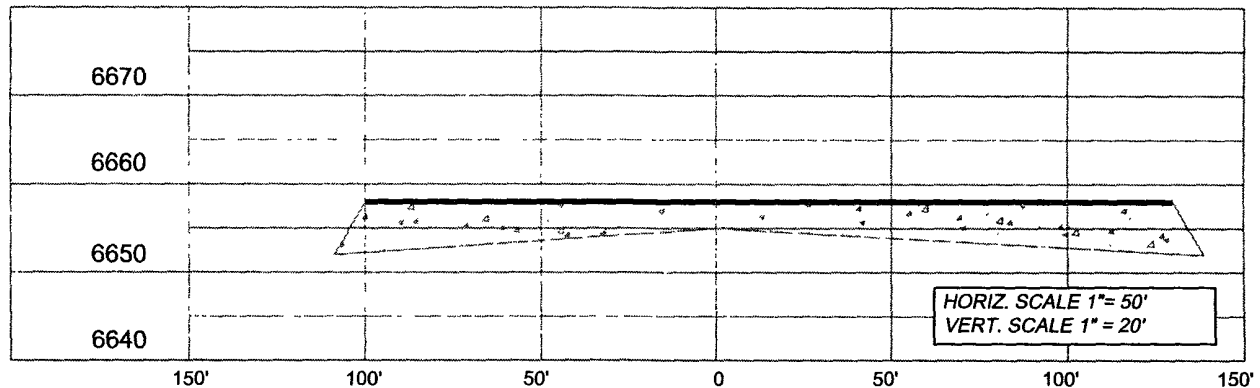
SECTION 26, T-28-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND ELEV.: 6664 FIN. ELEV.: 6658 NAVD88

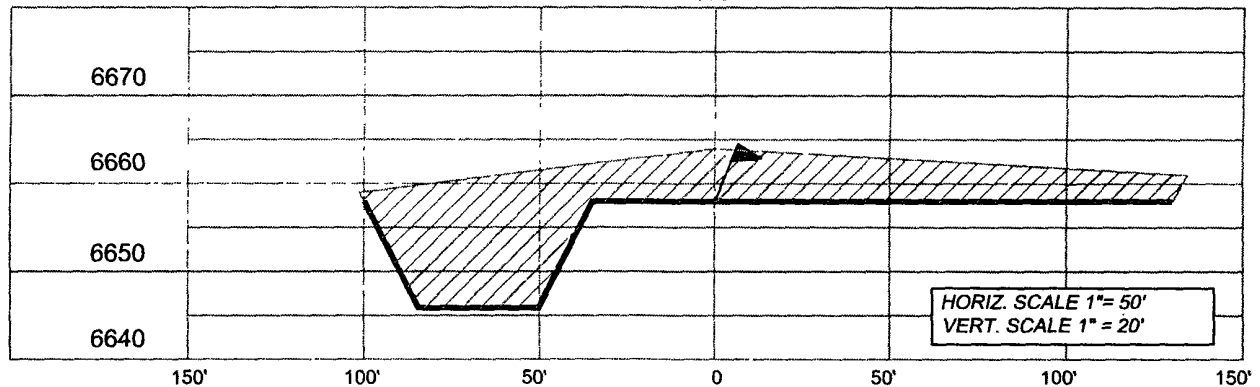
A - A'

C/L



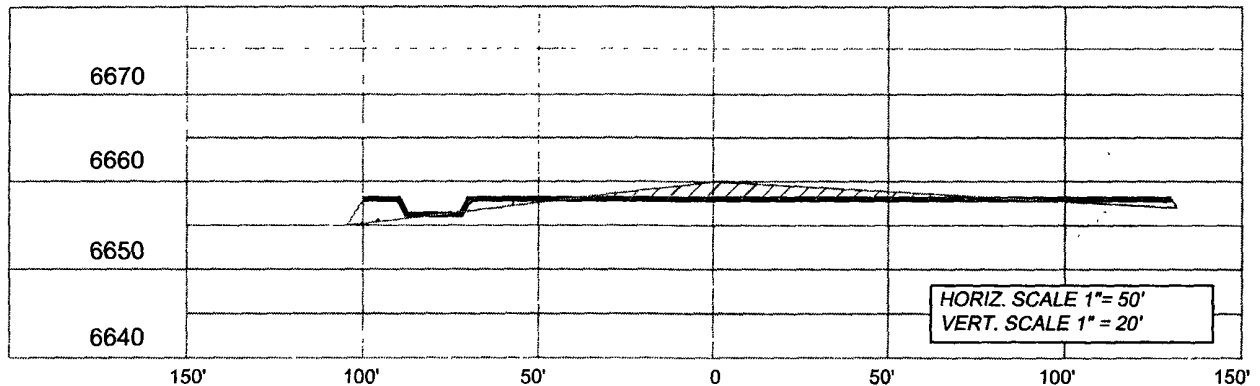
B - B'

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	LH	1/4/08

CCI

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

CHENAULT CONSULTING INC.