

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 02 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA NM - 03583 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe RCVD OCT 14 '08 OIL CONS. DIV.	
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name DIST. 3 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	
4. Location of Well Surf: Unit I (NESE), 2345' FSL & 915' FEL  Surf: Latitude 36.587764 N Longitude 107.484149 W	9. Well Number #204N  10. Field, Pool, Wildcat Basin DK/Blanco MV  11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 8, T27N, R6W  API # 30-039- 30568	
14. Distance in Miles from Nearest Town 30 miles/Blanco NM,	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 915'	17. Acres Assigned to Well 320.00 (E/2) - DK/MV	
16. Acres in Lease 1280		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1211' from San Juan 28-6 Unit 204 MV/DK		
19. Proposed Depth 7659'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6540' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	Date <u>10/1/08</u>	

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

This action is subject to technical and procedural review pursuant to 43 CFR 3160 and appeal pursuant to 43 CFR 3165

DRILLING OPERATIONS AUTHORIZED SUBJECT TO COMPLIANCE WITH AT "GENERAL REQUIREMENTS".

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOC FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOC PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS

NOTIFY AZTEC OCD 24 HRS.

PRIOR TO CASING & CEMENT

3-000015 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

## 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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039- <u>30208</u>	<sup>2</sup> Pool Code 71599/72319	<sup>3</sup> Pool Name BASIN DAKOTA / BLANCO MESAVERDE
<sup>4</sup> Property Code 7462	<sup>5</sup> Property Name SAN JUAN 28-6 UNIT	<sup>6</sup> Well Number 204N
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6540

<sup>10</sup> SURFACE LOCATION

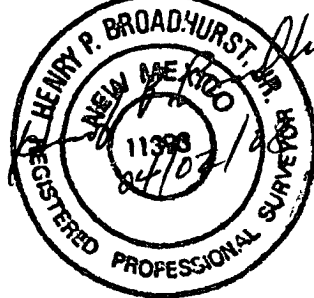
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	27-N	6-W		2345	SOUTH	915	EAST	RIO ARRIBA

<sup>11</sup> 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
I									

<sup>12</sup> Dedicated Acres 320.0 (E/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> BLM 1955 S 88°28' W S 88°21'06" W	E/2 DEDICATED ACREAGE USA NM - 03583 SECTION 8 T-27-N, R-6-W	BLM 1955 NAD 27 LAT: 36°35.265324' N LONG: 107°29.012697' W	BLM 1955 NAD 83 LAT: 36.587764° N LONG: 107.484149° W	915' (R) (M) 2684.9' (R) (M) 2686.7' (R) (M)	2345' N 0°37' E N 0°25'59" E	BLM 1955 5244.4' (R) (M) 5243.4' (R) (M)
	WELL FLAG NAD 83 LAT: 36.587764° N LONG: 107.484149° W					
<sup>17</sup> 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: <u>Crystal Walker</u> 4/7/08 Printed Name: Crystal Walker Title and E-mail Address: Regulatory Technician Date: April 7th, 2008						
<sup>18</sup> 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: 3/10/08 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393						

**COMPANY**

BURLINGTON RESOURCES

**Charge Code**

WAN.RFE.PD08.20

**WELL NAME**

SAN JUAN 28 - 6 # 204 N

**DATE**

4/7/2008

**DUAL WELL**

WELL NAME

**TRIPLE WELL**

WELL NAME

**COORDINATES**

SEC TNSHP RANGE

18 27 N 6 W

LATITUDE

36 35'15.9509" N

LONGITUDE

107 29'2.9376" W

**COUNTY**

RIO ARRIBA

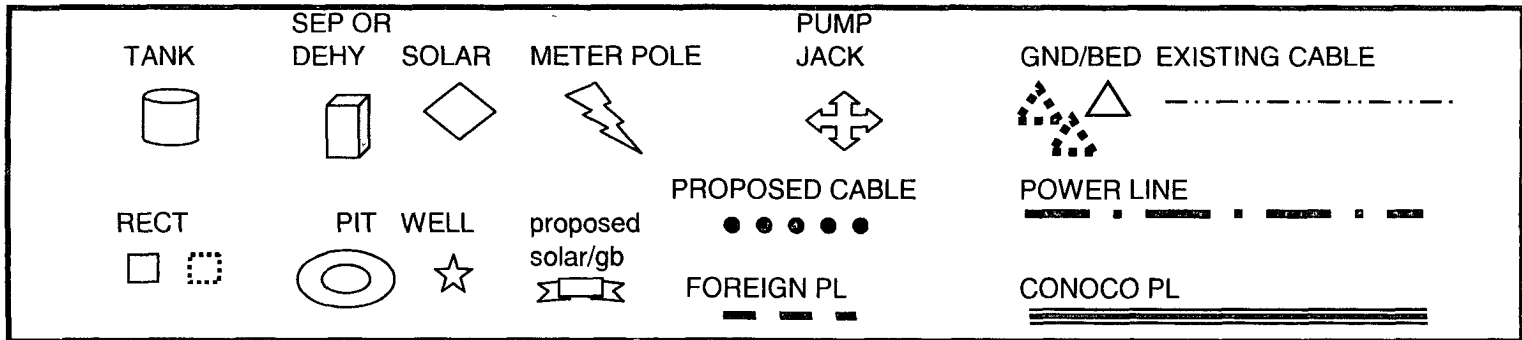
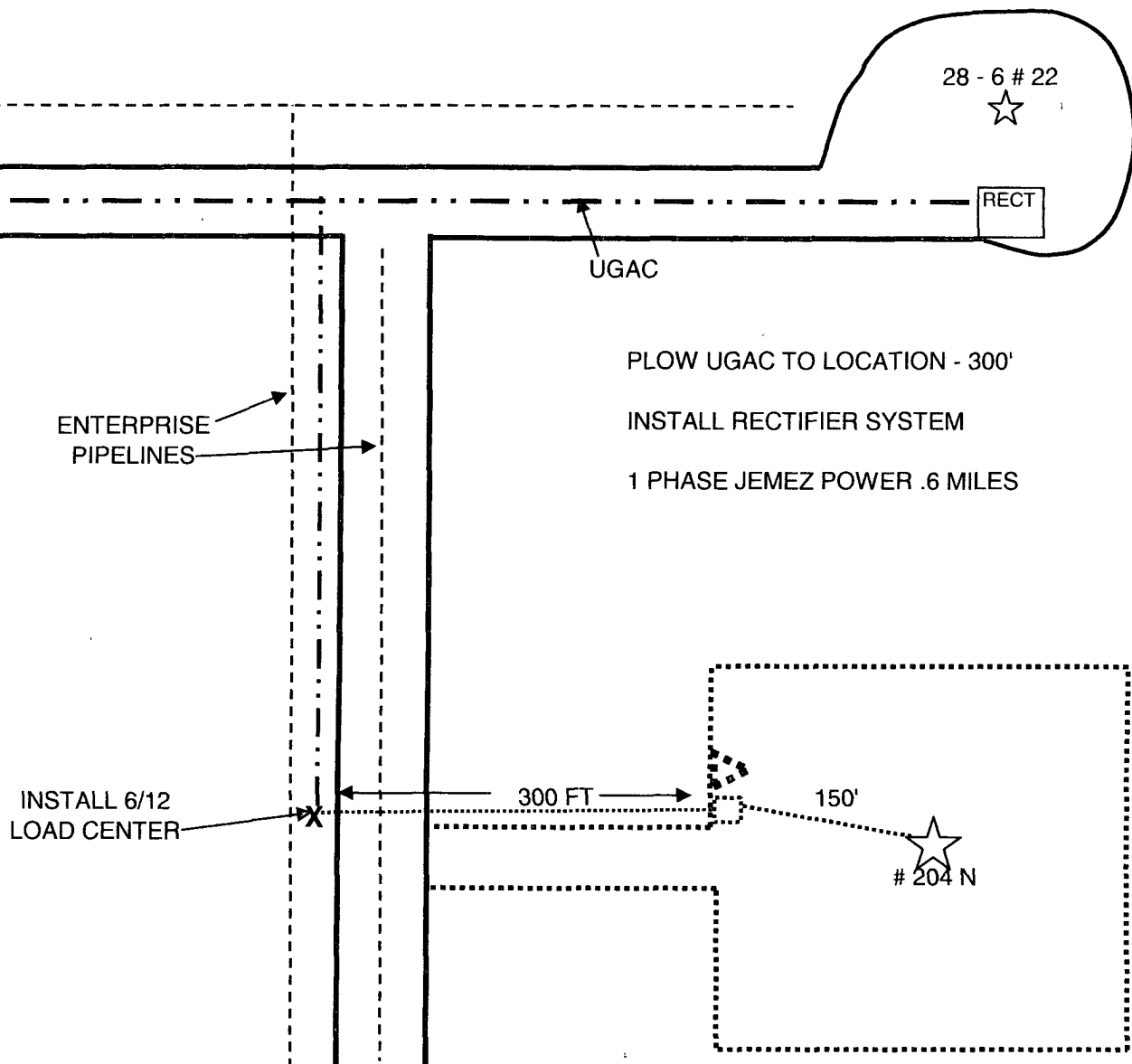
RECTIFIERSOLARGROUND BED240 V METER POLE480 V METER POLED C CABLESA C CABLESPRIMARY POWERDISTANCE TO POWERUNDERGROUNDPUMPJACKWATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
# 8	200'			
# 8	400'			
			JEMEZ	
			.6 MILES	
	300 FT			

**COMMENTS**INSTALL LOAD CENTER - PLOW UGAC TO LOC (300 FR)- INSTALL RECTIFIER  
SYSTEM -

WELL NAME      **SAN JUAN 28 - 6 # 204 N**

↑  
N



# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 204N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8018				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 301		State: NM	County: RIO ARRIBA	API #:	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:	
<b>Primary Objective (Zones):</b>							
<b>Zone</b>	<b>Zone Name</b>						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
<b>Location:</b>							
Datum Code: NAD 27							
Latitude: 36.587755		Longitude: -107.483545		X:	Y:	Section: 08	Range: 006W
Footage X: 915 FEL		Footage Y: 2345 FSL		Elevation: 6540 (FT)		Township: 027N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6554 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6354	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	2476	4078	<input type="checkbox"/>				
KIRTLAND	2609	3945	<input type="checkbox"/>				
FRUITLAND	2827	3727	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3202	3352	<input type="checkbox"/>				
LEWIS	3274	3280	<input type="checkbox"/>				
Intermediate Casing	3424	3130	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 771 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3727	2827	<input type="checkbox"/>				
CHACRA	4162	2392	<input type="checkbox"/>				
UPPER CLIFF HOUSE	4760	1794	<input type="checkbox"/>			Gas; Est. Top Perf - 4762'	
MASSIVE CLIFF HOUSE	4855	1699	<input type="checkbox"/>	653		Gas	
MENEFEE	4977	1577	<input type="checkbox"/>				
POINT LOOKOUT	5404	1150	<input type="checkbox"/>				
MANCOS	5849	705	<input type="checkbox"/>				
UPPER GALLUP	6586	-32	<input type="checkbox"/>				
GREENHORN	7333	-779	<input type="checkbox"/>				
GRANEROS	7400	-846	<input type="checkbox"/>				
TWO WELLS	7433	-879	<input type="checkbox"/>	2500		Gas	
PAGUATE	7516	-962	<input type="checkbox"/>				
UPPER CUBERO	7544	-990	<input type="checkbox"/>				
LOWER CUBERO	7579	-1025	<input type="checkbox"/>			Est. Btm Perf - 7644'	
Total Depth	7659	-1105	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 577 cuft. Circulate cement a minimum of 100' inside the previous casing string.	
ENCINAL	7659	-1105	<input type="checkbox"/>			TD - Top of Encinal	
BURRO CANYON	7677	-1123	<input type="checkbox"/>				
<b>Reference Wells:</b>							

# PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-6 UNIT 204N

DEVELOPMENT

Reference Type	Well Name	Comments
Production	SJ 28-6 104	27N-6W8 SW NE SW
Production	SJ 28-6 204M	27N-6W8 NW SW NE
Production	SJ 28-6 204	27N-6W8 NW SE NE
Production	SJ 28-6 112	27N-6W9 NW SE SW

## Logging Program:

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

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

Cased Hole GR / CBL

## Additional Information:

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

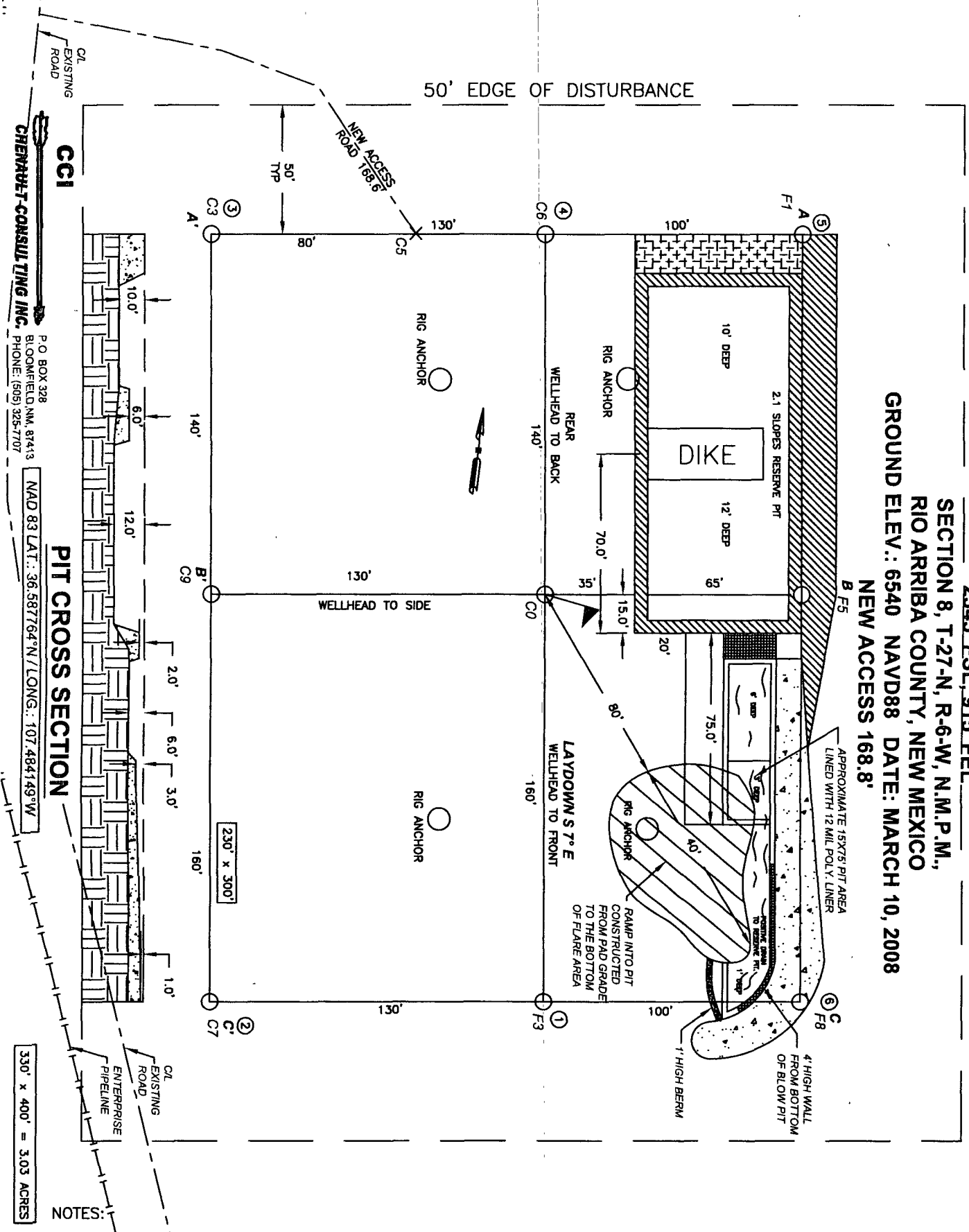
SAN JUAN 28-6 UNIT #204N

2345' ESL, 915' EEL

SECTION 8, T-27-N, R-6-W, N.M.P.M.,  
RIO ARriba COUNTY, NEW MEXICO

GROUND ELEV.: 6540 NAVD88 DATE: MARCH 10, 2008

NEW ACCESS 168.8'



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.