

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	5. Lease Number NM SF-078884
1b. Type of Well GAS	JAN 16 2008 Bureau of Land Management Farmington Field Office	Unit Reporting Number RCVD FEB 15 '08
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP		6. If Indian, All. or Tribe OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		7. Unit Agreement Name DIST. 3 Canyon Largo Unit
4. Location of Well Unit D (NWNW), 1185' FNL & 1275' FWL Latitude 36.403881 N Longitude 107.423664 W		8. Farm or Lease Name 9. Well Number #288E
		10. Field, Pool, Wildcat Basin Dakota
		11. Sec., Twn, Rge, Mer. (NMPM) Sec. 13, T25N, R6W
		API # 30-039- 30470
14. Distance in Miles from Nearest Town Blanco, NM/28 Miles	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1185'		
16. Acres in Lease 2560.00	17. Acres Assigned to Well DK 320.00 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drilg, Compl, or Applied for on this Lease 103' from C.L.U. #35		
19. Proposed Depth 6664' 7234'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6495', GL (6494)	22. Approx. Date Work will Start 1-15-08	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Mante

TITLE ATM

DATE 2/19/08

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 4 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

FEB 18 2008
NMOCD

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

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
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 7 Copies
Fee Lease - 3 Copies

JAN 16 2008

Bureau of Land Management
Farmington Field Office
AMMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30470	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 6886	⁵ Property Name CANYON LARGO UNIT	⁶ Well Number 288E
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6664

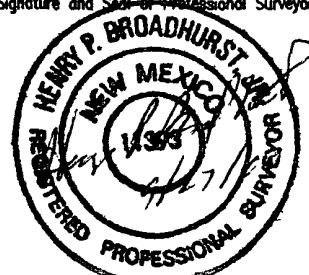
¹⁰ SURFACE LOCATION

UL or lot no. D	Section 13	Township 25-N	Range 6-W	Lot Idn	Feet from the 1185	North/South line NORTH	Feet from the 1275	East/West line WEST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320.00 W / 2	¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.				

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 S 89°42'02" W S 89°56' W	^{2603.0' (M)} ^{2604.4' (R)}			¹⁷ OPERATOR CERTIFICATION
2608.0' 2610.3'	1185'			<i>Jamie Goodwin</i> Signature
0°26'07" W 0°12' W	1275'			Jamie Goodwin Printed Name
WELL FLAG NAD 83 LAT: 36.403881° N LONG: 107.423664° W NAD 27 LAT: 36°24.323221' N LONG: 107°25.383688' W				Regulatory Tech. Title and E-mail Address
¹⁸ SURVEYOR CERTIFICATION				10/03/2007 Date
¹⁹ W/2 DEDICATED ACREAGE SF-078884 SECTION 13 T-25-N, R-6-W				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: 9/05/07 Signature and Seal of Professional Surveyor:
				
				Certificate Number: NM 11393

Submit 3 Copies To Appropriate District

Office

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

State of New Mexico

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

May 27, 2004

WELL API NO.

30-045-

30470

5. Indicate Type of Lease

STATE

FEE

6. State Oil & Gas Lease No.

Federal Lease #NMSF-078884

7. Lease Name or Unit Agreement Name

Canyon Largo Unit

8. Well Number

288E

9. OGRID Number

14538

10. Pool name or Wildcat

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 D : 1185' feet from the North line and 1275' feet from the West line
Section 13 Township 25 N Rng 6W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6664'

Pit or Below-grade Tank Application or Closure

Pit type	New Drill	Depth to Groundwater	<u>>100</u>	Distance from nearest fresh water well	<u>>1000</u>	Distance from nearest surface water	<u><1000</u>
Pit Liner Thickness:	12	mil	Below-Grade Tank:	Volume	bbs;	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

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 Jamie Goodwin TITLE Regulatory Technician DATE 10/5/2007

Type or print name Jamie Goodwin E-mail address: goodwil@conocophillips.com Telephone No. 505-326-9784
For State Use Only

APPROVED BY Jamie Goodwin TITLE Deputy Oil & Gas Inspector, District #3 DATE FEB 18 2008

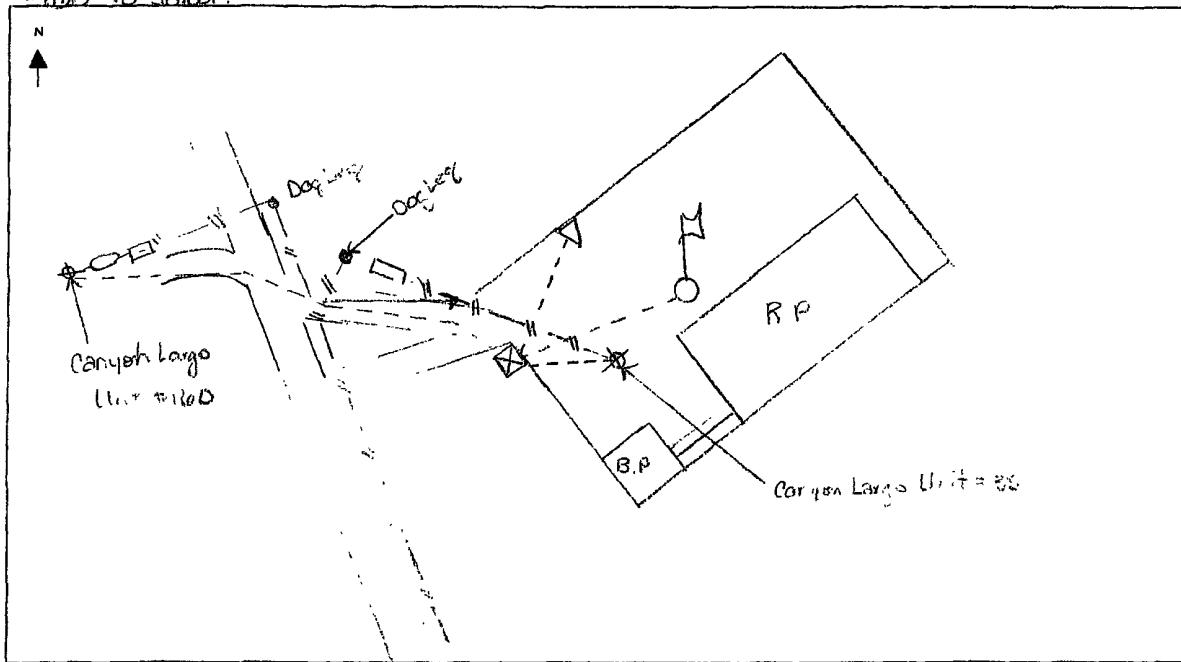
Conditions of Approval (if any):



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Canyon Large Unit #38E LEGALS 13-25-6 COUNTY Brownsburg

PURPOSED C.P. SYSTEM: Drill SR on N edge of location. Set 4 well solar in N direction. Trench approx 75' of #8 ring from existing iron line to #35 to solar. Trench approx 200' of #8 ring from proposed well to solar. Trench approx 750' of #8 ring from Canyon Large Unit #1100 to solar.



EXISTING WELLHEAD	METER HOUSE	G.P.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.
			<input checked="" type="checkbox"/>	-----		

COMMENTS: 4 well solar / Tie in #1100 line no CP on that wellline

NEAREST POWER SOURCE N/A DISTANCE: _____
PIPELINES IN AREA: Enterprise Pipe

TECHNICIAN: R. J. B. DATE: 10/28/07

PROJECT PROPOSAL - New Drill / Sidetrack

CANYON LARGO UNIT 288E

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7280			AFE \$: 612,494.20
Field Name:	hBR_SAN JUAN	Rig:	Aztec Rig 301	State: NM	County: RIO ARRIBA
Geologist:	Phone:	Geophysicist:		Phone:	
Geoscientist:	Head, Chip F	Phone:	505-326-9772	Prod. Engineer:	Phone:
Res. Engineer:	Prabowo, Wahyu	Phone:	505-326-9797	Proj. Field Lead:	Phone:
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				

Location: Surface	Datum Code: NAD 27	Straight Hole
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Latitude: 36.404274	Longitude: -107.422406	X:	Y:	Section: 13	Range: 006W
Footage X: 1465 FWL	Footage Y: 1040 FNL	Elevation: 6676 (FT)		Township: 025N	
Tolerance: 1275	1185				

Location Type: Year Round	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6688	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	320	6368	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 312 cuft. Circulate cement to surface.
OJO ALAMO	2138	4550	<input type="checkbox"/>			
KIRTLAND	2338	4350	<input type="checkbox"/>			
FRUITLAND	2585	4103	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2733	3955	<input type="checkbox"/>			
LEWIS	2828	3860	<input type="checkbox"/>			
HUERFANITO BENTONITE	3126	3562	<input type="checkbox"/>			
CHACRA	3584	3104	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	4323	2365	<input type="checkbox"/>			
MENEFEE	4338	2350	<input type="checkbox"/>			
MASSIVE POINT LOOKOUT	4946	1742	<input type="checkbox"/>			GAS
MANCOS	5296	1392	<input type="checkbox"/>			
UPPER GALLUP	5991	697	<input type="checkbox"/>			
GREENHORN	6891	-203	<input type="checkbox"/>			
GRANEROS	6943	-255	<input type="checkbox"/>			
TWO WELLS	6998	-310	<input type="checkbox"/>	2400	Gas	
UPPER CUBERO	7082	-394	<input type="checkbox"/>			
LOWER CUBERO	7113	-425	<input type="checkbox"/>			
OAK CANYON	7152	-464	<input type="checkbox"/>			
ENCINAL	7186	-498	<input type="checkbox"/>			
TOTAL DEPTH DK	7234	-546	<input type="checkbox"/>			TD 40' below T/MRSN. 6-1/4" Hole. 4-1/2", 11.6 ppf, N-80 LTC casing. Cement with 2126 cuft

Reference Wells:

Reference Type	Well Name	Comments

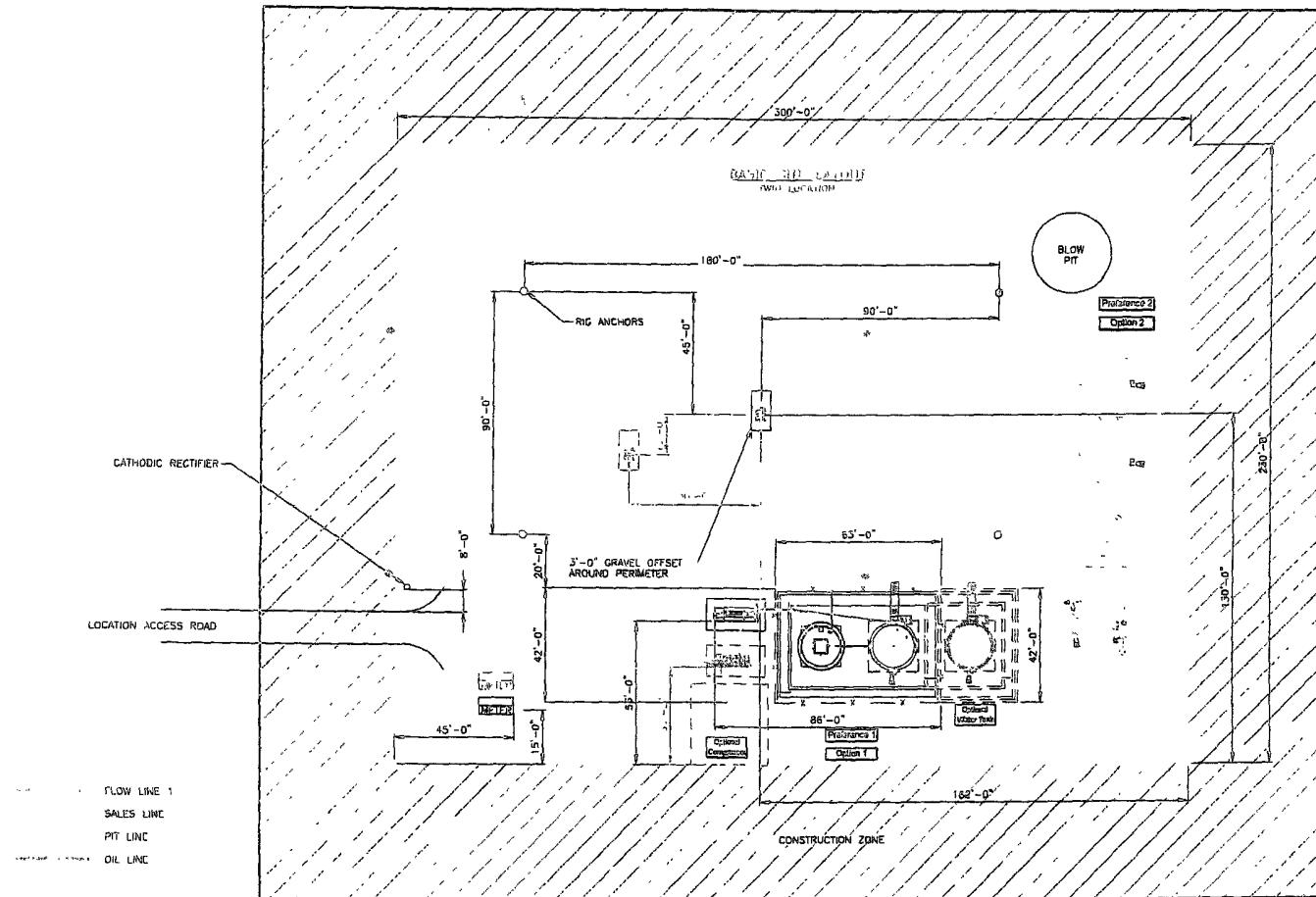
PROJECT PROPOSAL - New Drill / Sidetrack**CANYON LARGO UNIT 288E****DEVELOPMENT****Logging Program:**Intermediate Logs: Log only if show GR/ILD Triple ComboTD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other

Est bottom perf ~20' above est TD.

Additional Information:

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



SLC 84 CT 5 & 7 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN OF 3'-0 TOP

SHET 1 OF 3

ENGINEERING REVIEW						REFERENCE DRAWINGS		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM— SITE LAYOUT		
DESCRIPTION	REVIEWED	REVIEWED	REVIEWED	REVIEWED	REVIEWED	NO.	DESCRIPTION	CLIENT NO.	CLOUD APP	APPL. S. NO.
PROCESS								OWNER BY	SPD. CODE	EDITION DATE 0/20/02
MECHANICAL										
PIPING										
ELECTRICAL										
1 & C										
CH/STRUCTURAL										
PROJECT										
SAN JUAN BUSINESS UNIT										REC1
										1 OF 5

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

CANYON LARGO UNIT #288E

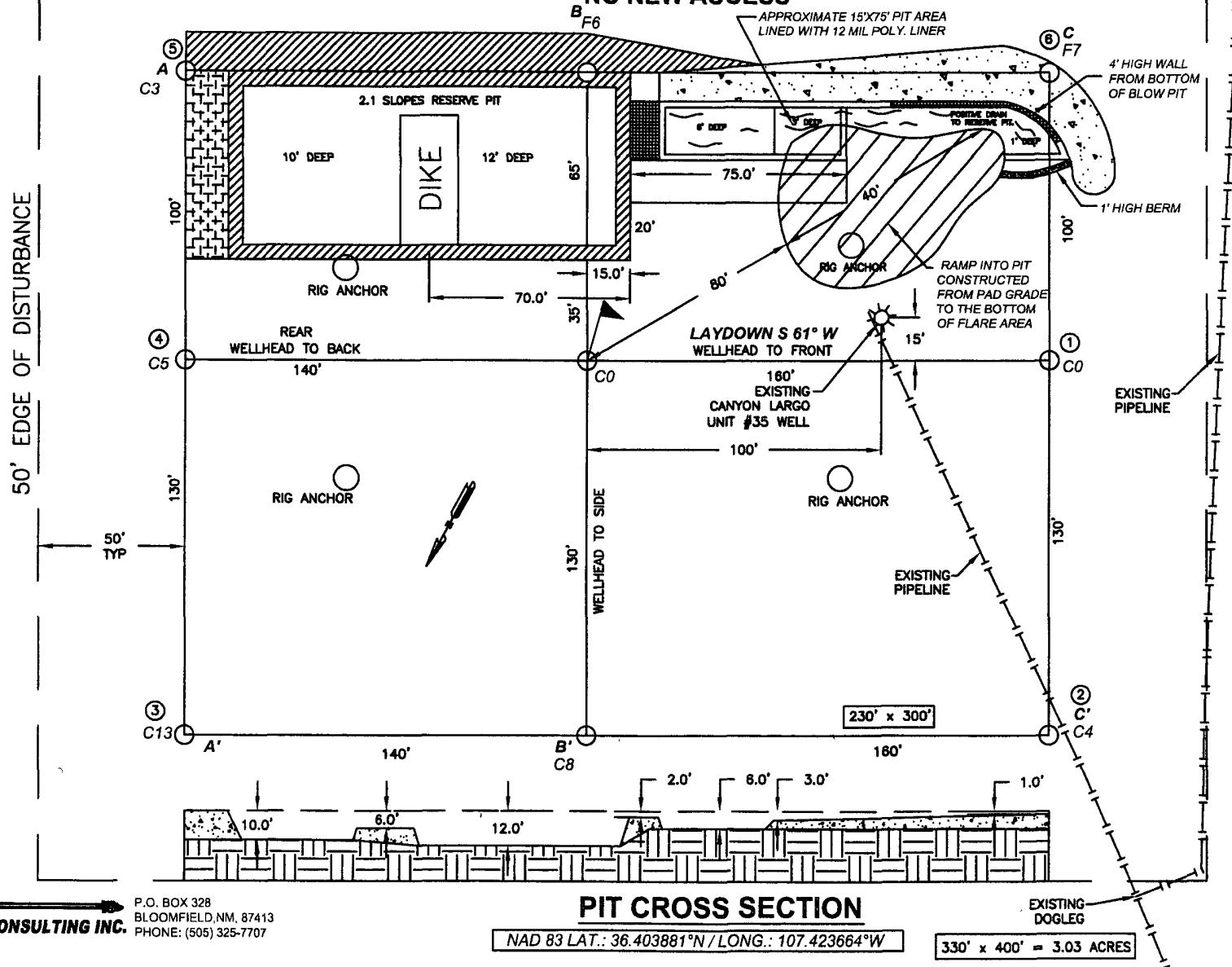
1185' FNL, 1275' FWL

SECTION 13, T-25-N, R-6-W, N.M.P.M.,

RIO ARRIBA COUNTY, NEW MEXICO

GROUND ELEV.: 6664 NAVD88 DATE: SEPTEMBER 5, 2007

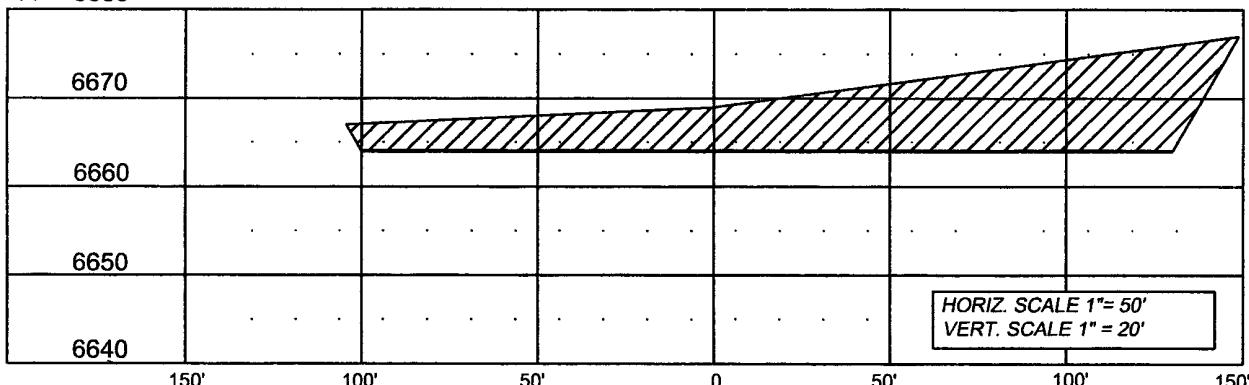
NO NEW ACCESS



BURLINGTON RESOURCES OIL AND GAS COMPANY LP
CANYON LARGO UNIT #288E
1185' FNL, 1275' FWL
SECTION 13, T-25-N, R-6-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
ELEV.: 6664 NAVD88

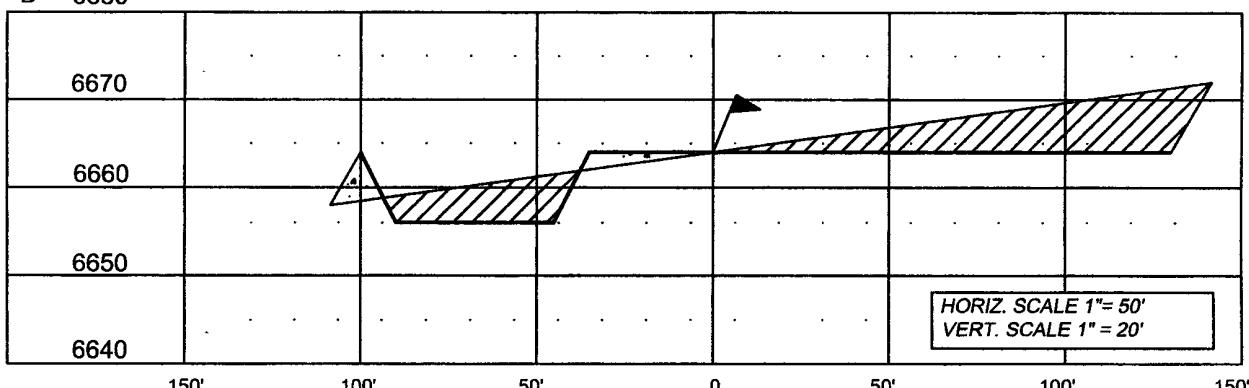
A - A' 6680

C/L



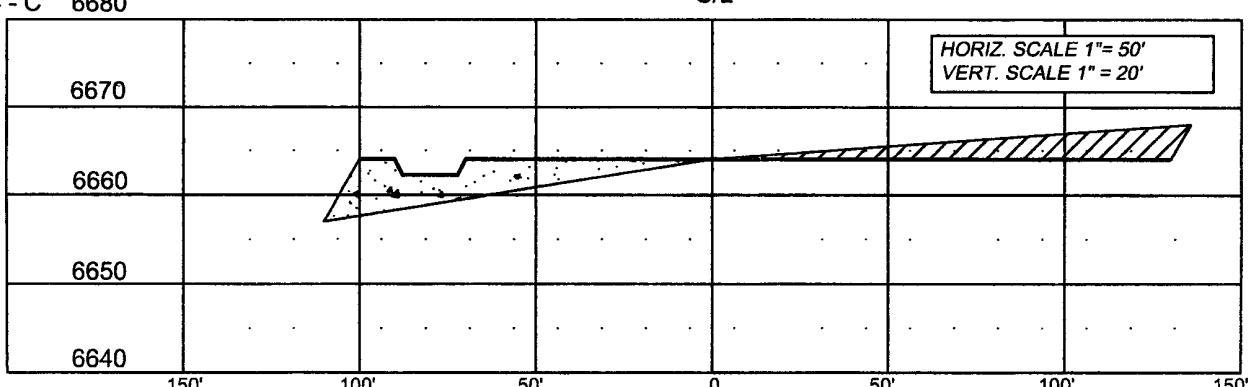
B - B' 6680

C/L



C - C' 6680

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	9/5/07

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

