

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD FEB 25 '08

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED FEB 05 2008 Bureau of Land Management Farmington Field Office	5. Lease Number SF-078885 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 Canyon Largo Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number #465E
4. Location of Well Unit K (NESW), 1485' FSL & 1715' FWL, Latitude 36.41083'N Longitude 107.457801'W		10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 10, T25N, R6W API # 30-039-30478
14. Distance in Miles from Nearest Town Blanco, NM/37 Miles	12. County Rio Arriba,	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1485'		
16. Acres in Lease 2403.320 acres	17. Acres Assigned to Well FC 320.00 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 53' from CLU #203		
19. Proposed Depth 7206'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6686' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Patsy Clugston</u> Patsy Clugston, Regulatory Specialist	<u>2/4/08</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Wayne Townsend TITLE Acting AFM DATE 2-22-08

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 34 Bond Numbers NMB-000015 and NMB-000089

This well name changed from the time it was onsited - the previous name was

Canyon Largo Unit #465F. The NOS for this was filed under Canyon Largo Unit #465F.

NMOCD FEB 26 2008

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

FEB 05 2008

Form C-102

Revised October 12, 2005

Submit to: Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

Bureau of Land Management
Farmingington Field Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30478		² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 6886	⁵ Property Name CANYON LARGO UNIT		⁶ Well Number 465E
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		⁹ Elevation 6686

¹⁰ SURFACE LOCATION

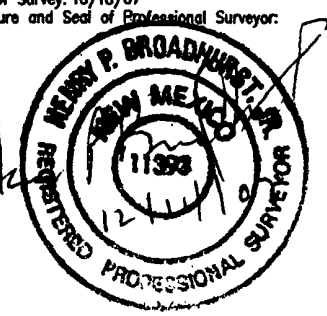
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	10	25-N	6-W		1485	SOUTH	1715	WEST	RIO ARriba

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
K									

¹² Dedicated Acres 320.00 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 W/2 DEDICATED ACREAGE USA SF-078885 SECTION 10 T-25-N, R-6-W		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>Patsy Clugston</i> Signature Patsy Clugston Printed Name Regulatory Specialist Title and E-mail Address clugspl@conocophillips.com Date 2-4-08	
2600.0' (W) 2601.7' (R)	1715'	WELL FLAG NAD 83 LAT: 36.410983° N LONG: 107.457801° W NAD 27 LAT: 36°24.658309' N LONG: 107°27.431846' W	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: 10/18/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393
N 1°11'53" W N 0°58' W S 89°14' W S 89°01'25" W	1485'	5254.9' (R) 5253.0' (M)	

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

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

WELL API NO.

30-039- 30478

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-078885

7. Lease Name or Unit Agreement Name

Canyon Largo Unit

8. Well Number

#465E

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 K : 1485' feet from the South line and 1715' feet from the West lineSection 10 Township 25N Rng 6W NMMPM County Rio Arriba

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

6686' GL

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 ☐

OTHER:

New Drill Pit ☒

SUBSEQUENT REPORT OF:

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

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

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 Specialist

DATE

2/4/2008

Type or print name

Patsy Clugston

E-mail address:

clugspl@conocophillips.com

Telephone No.

505-326-9518

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY

TITLE

DATE

FEB 26 2008

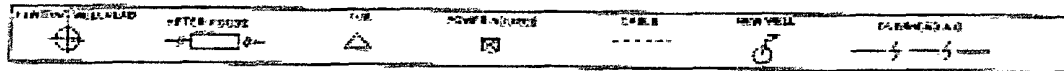
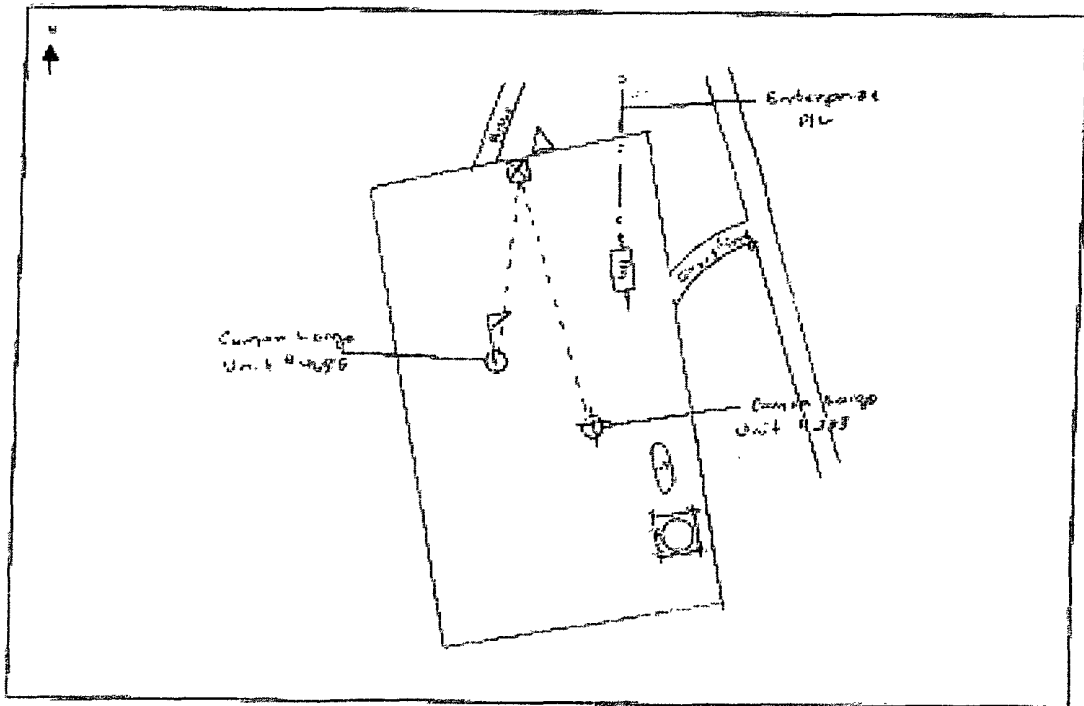
Conditions of Approval (if any):



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Compan Longa Unit #45 REGALS 16 19 25 to COUNTY 21 Ariz

PURPOSED C.P. SYSTEM: Well AB and set and have well solar @ 11' and at location trench approx 20' at 12' negative cable from wellhead to solar. Tilt in Compan Longa Unit # 204 to solar.



COMMENTS: _____

NEAREST POWER SOURCE 110 DISTANCE: 100

PIPELINES IN AREA: 5000

TECHNICIAN: John Taylor DATE: 1/2/99

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6963

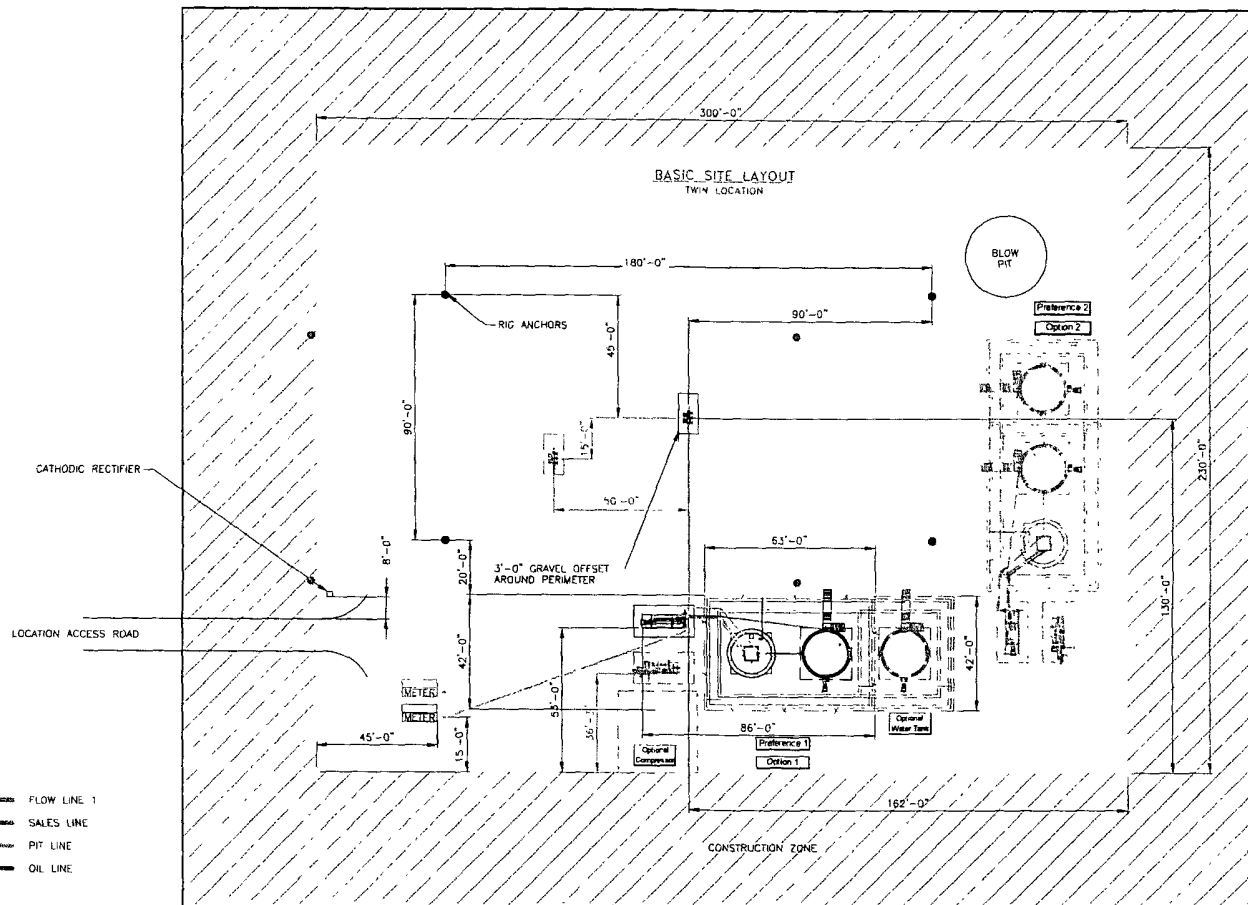
PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 465E


DEVELOPMENT

Lease:		AFE #: WAN.CDR.7115		AFE \$: 697,307.58	
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					
Latitude: 36.410972	Longitude: -107.457197	X:	Y:	Section: 10	Range: 006W
Footage X: 1715 FWL	Footage Y: 1485 FSL	Elevation: 6686 (FT)	Township: 025N		
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:	
Formation Data: Assume KB = 6698		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6378	<input type="checkbox"/>		
OJO ALAMO	2170	4528	<input type="checkbox"/>		
KIRTLAND	2263	4435	<input type="checkbox"/>		
FRUITLAND	2414	4284	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2746	3952	<input type="checkbox"/>		
LEWIS	2832	3866	<input type="checkbox"/>		
HUERFANITO BENTONITE	3140	3558	<input type="checkbox"/>		
CHACRA	3598	3100	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4346	2352	<input type="checkbox"/>	643	
MENEFEE	4402	2296	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	4970	1728	<input type="checkbox"/>		GAS
MANCOS	5278	1420	<input type="checkbox"/>		
UPPER GALLUP	6000	698	<input type="checkbox"/>		
GREENHORN	6888	-190	<input type="checkbox"/>		
GRANEROS	6942	-244	<input type="checkbox"/>		
TWO WELLS	6995	-297	<input type="checkbox"/>	3080	Gas
PAGUATE	7034	-336	<input type="checkbox"/>		
UPPER CUBERO	7079	-381	<input type="checkbox"/>		
LOWER CUBERO	7110	-412	<input type="checkbox"/>		
OAK CANYON	7140	-442	<input type="checkbox"/>		
ENCINAL	7184	-486	<input type="checkbox"/>		
TOTAL DEPTH DK	7206	-508	<input type="checkbox"/>		TD 40' below T/MRSN. 6-1/4" Hole. 4-1/2", 11.6 ppf. N-80 LTC casing. Cement with 2117 cuft <i>Circulate to surface</i>
Total Depth	7206	-508	<input type="checkbox"/>		
Reference Wells:					
Reference Type	Well Name	Comments			
Production	Canyon Largo 483				
Production	Canyon Largo 292				



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 HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT				
										DISCIPLINE	REVIEWED	DATE	NO.	DESCRIPTION							
										PROCESS						SAN JUAN BUSINESS UNIT			CLIENT NO. DRAWN BY SCALE NONE HP3PHASE-REV1		
										MECHANICAL											
										PIPING											
										ELECTRICAL											
										I & C						CLIENT APPR. DATE CREATION DATE 6/20/07			SHEET NO. 1 OF 5		
										CIVIL/STRUCTURAL											
										PROJECT											

herress S:\gsr\Buckh\Andree\Regulatory\Twin Location Site Layout.dwg 06/28/2007 - 02:39pm

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

CANYON LARGO UNIT #465E

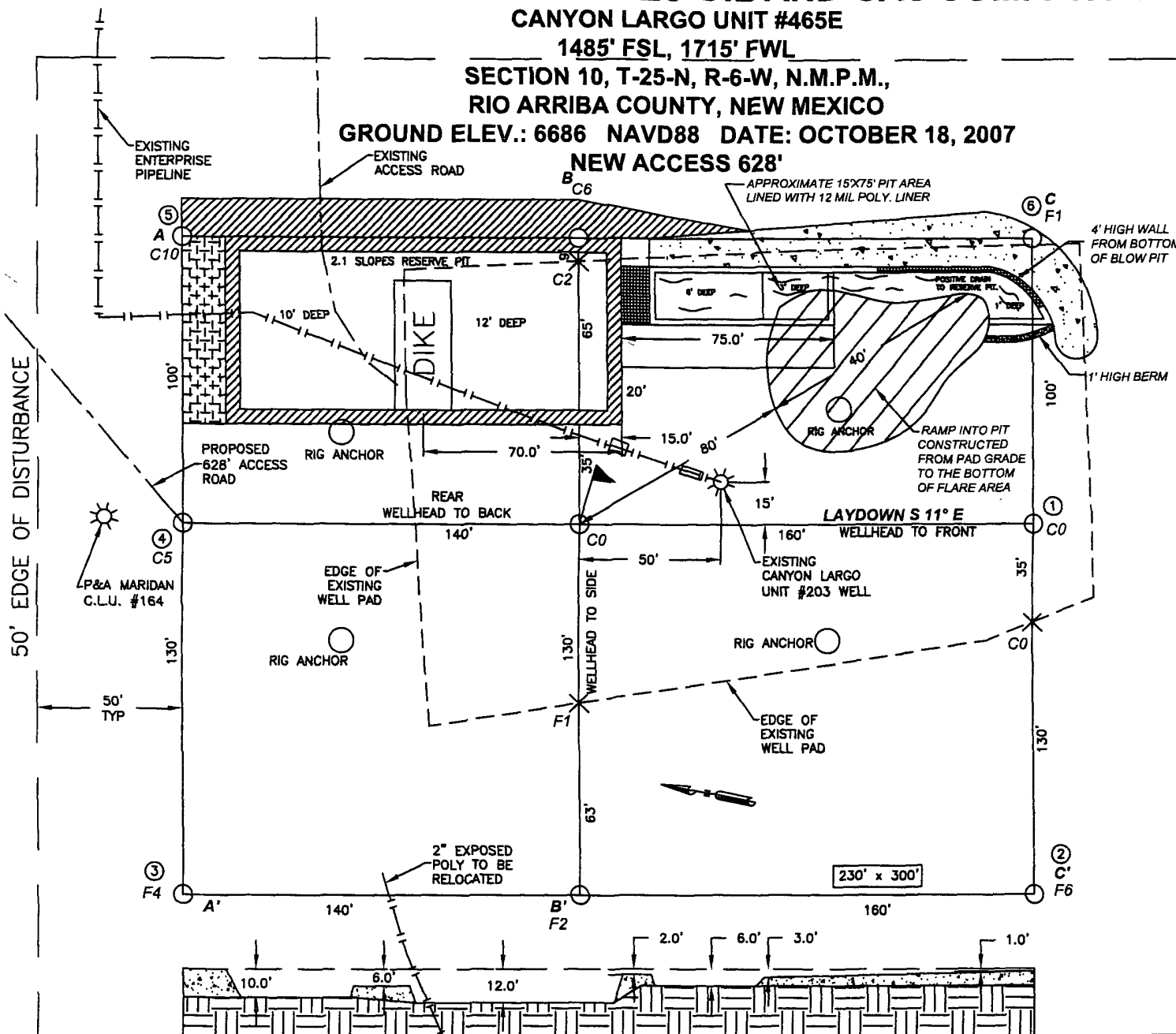
1485' FSL, 1715' FWL

SECTION 10, T-25-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND ELEV.: 6686 NAVD88 DATE: OCTOBER 18, 2007

NEW ACCESS 628'



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.

CCI

CHENAUT CONSULTING INC.

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

NAD 83 LAT.: 36.410983°N / LONG.: 107.457801°W

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

CANYON LARGO UNIT #465E

1485' FSL, 1715' FWL

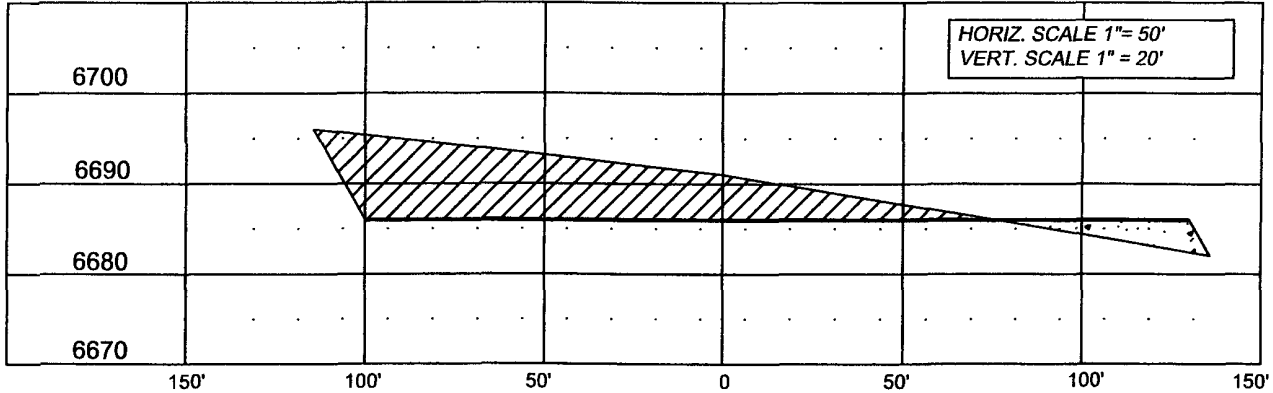
SECTION 10, T-25-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

ELEV.: 6686 NAVD88

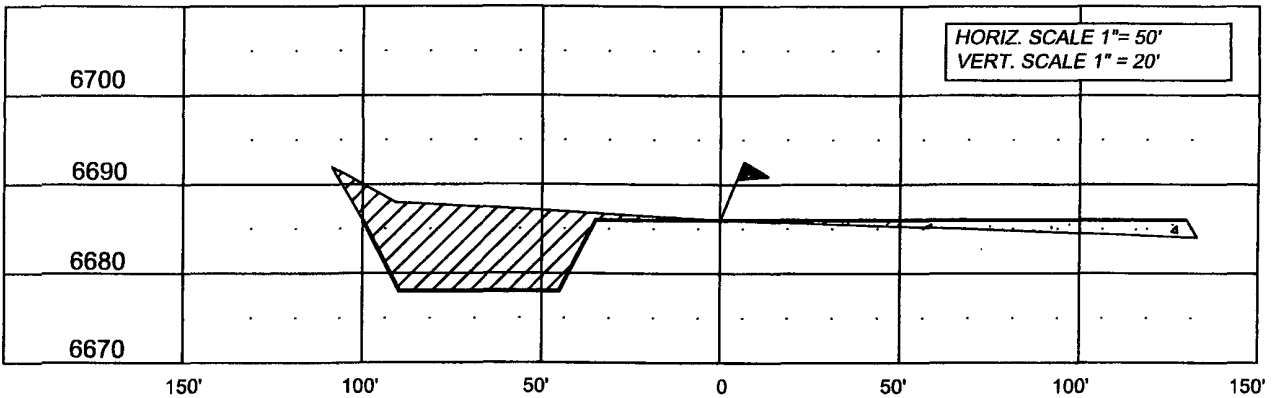
A - A' 6710

C/L



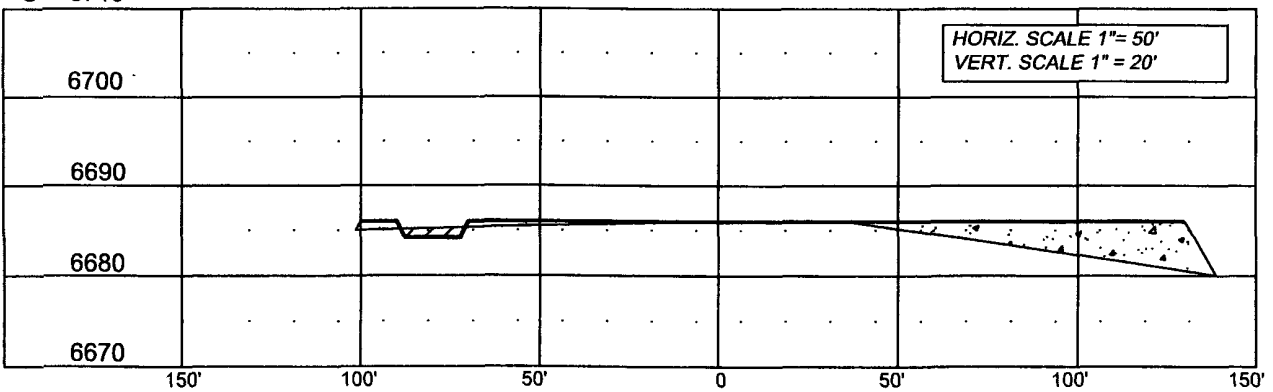
B - B' 6710

C/L



C - C' 6710

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	10/18/07
2	NAME CHANGE	TJR	12/13/07

CCI

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

CHENAULT CONSULTING INC.