

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	5. Lease Number NM SF-078884 Unit Reporting Number RCVD FEB 15 '08	
1b. Type of Well GAS	6. If Indian, All. or Tribe OIL CONS. DIV.	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name DIST. 3 Canyon Largo 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 Unit D (NWNW), 1185' FNL & 1275' FWL Latitude 36.403881 N Longitude 107.423664 W	9. Well Number #288E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) J 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'	17. Acres Assigned to Well DK 320.00 (W/2)	
16. Acres in Lease 2560.00		
18. Distance from Proposed Location to Nearest Well, Drlg, 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 6664'	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	1-15-08 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFN

DATE 2/14/08

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

NMOCDB

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

NOTIFY AZTEC OLD 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

JAN 16 2008

Form C-'12

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

Bureau of Land Management
Farmington Field Office

AMENDED 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

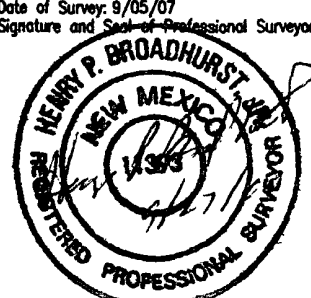
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	13	25-N	6-W		1185	NORTH	1275	WEST	RIO ARriba

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
D									

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 S 89°42'02" W S 89°56' W 2608.0' (W) 2610.3' (R) 1185' 1275' WELL FLAG NAD 83 LAT: 36.403881° N LONG: 107.423664° W NAD 27 LAT: 36°24.323221' N LONG: 107°25.383688' W W/2 DEDICATED ACREAGE SF-078884 SECTION 13 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. Signature Jamie Goodwin Printed Name Regulatory Tech. Title and E-mail Address 10/03/2007 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: 9/05/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393

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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- 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

>100

Distance from nearest fresh water well

>1000

Distance from nearest surface water

<1000

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

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

☒

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

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

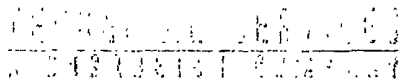
Type or print name Jamie Goodwin E-mail address: goodwinj@conocophillips.com Telephone No. 505-326-9784

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, DATE FEB 18 2008

Conditions of Approval (if any):

District #3



RS

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

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:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:	

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
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PROJECT PROPOSAL - New Drill / Sidetrack

CANYON LARGO UNIT 288E

DEVELOPMENT

Logging Program:

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

TD 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:

_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 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

CCI

CHENAULT CONSULTING INC.

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

PIT CROSS SECTION

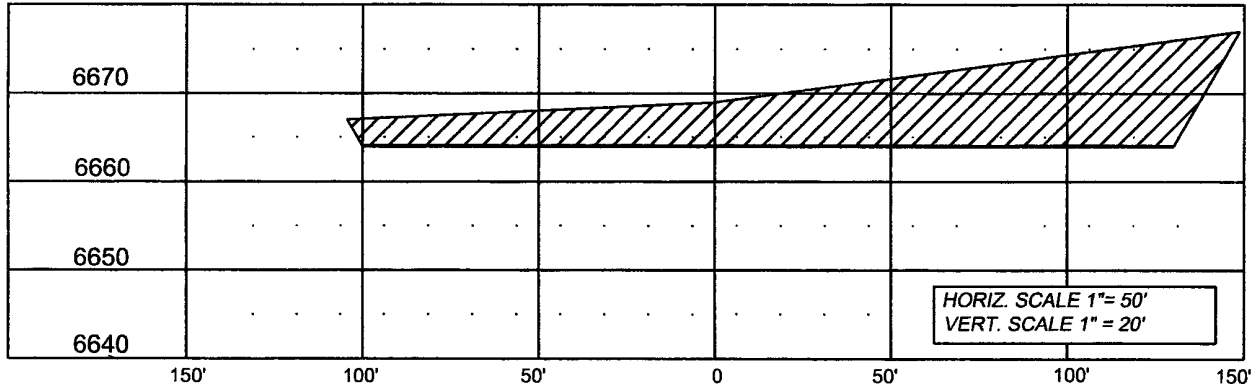
NAD 83 LAT.: 36.403881°N / LONG.: 107.423664°W

330' x 400' = 3.03 ACRES

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

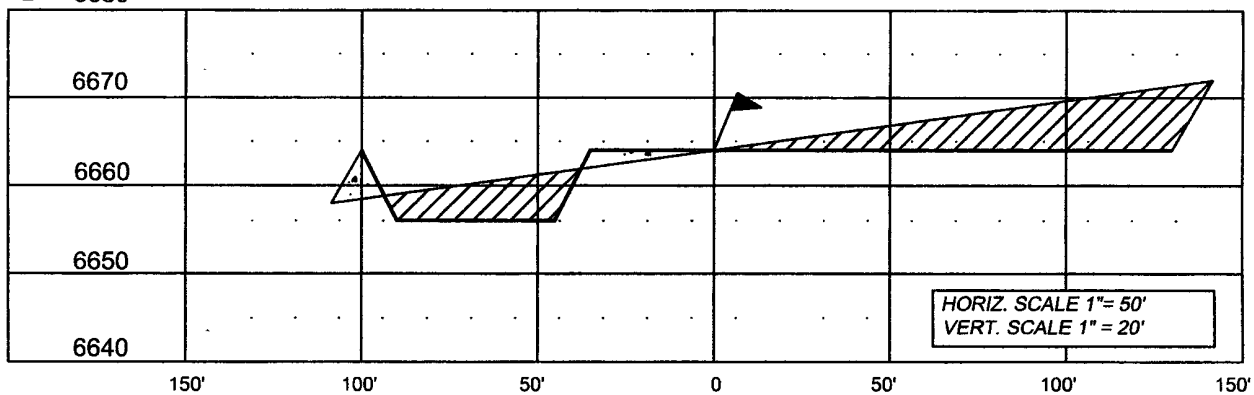
A - A' 6680

C/L



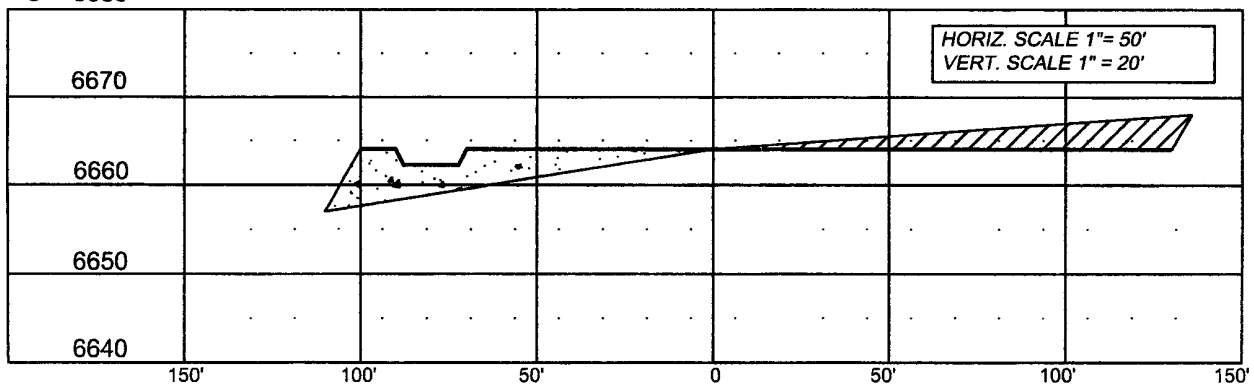
B - B' 6680

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

CCI

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 BLOOMFIELD, NM, 87413
 PHONE: (505) 325-7707

CHENAULT CONSULTING INC.