

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD NOV 1 '07
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078885 Unit Reporting Number NMNM-78383 FMV NMNM-78383D-DK	
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	
4. Location of Well Unit G(SWNE), 1745' FNL & 1945' FEL Surf: Latitude 36° 25.869338 N Longitude 107° 24.954164 W	9. Well Number #250N 10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T25N, R6W API # 30-039-30398	
14. Distance in Miles from Nearest Town 38 mile/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1745'	17. Acres Assigned to Well MV/DK 320.2 (E/2)	
16. Acres in Lease 2403.32	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1157' from Canyon Largo Unit 250	22. Approx. Date Work will Start	
19. Proposed Depth 7370'	21. Elevations (DF, FT, GR, Etc.) 6667' GL	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: Rhonda Rogers (Regulatory Technician)	

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT BELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS

PERMIT NO.

APPROVAL DATE FEDERAL AND INDIAN LANDS

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 Type 4

Bond Numbers NMB-000015 and NMB-000089

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

NMOCD

NOV 05 2007

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.2
and appeal pursuant to 43 CFR 3165.4

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

OCT 12 2007

Bureau of Land Management ☐ AMENDED REPORT

Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-30398		2 Pool Code 72319 / 71599		3 Pool Name MESAVERDE / DAKOTA			
4 Property Code 6886		5 Property Name CANYON LARGO UNIT				6 Well Number 250N	
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY				9 Elevation 6667	
10 SURFACE LOCATION							
UL or lot no. G	Section 1	Township 25-N	Range 6-W	Lot Idn	Feet from the 1745	North/South line NORTH	Feet from the 1945
						East/West line EAST	County RIO ARriba
11 Bottom Hole Location If Different From Surface							
UL or lot no. G	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the
						East/West line	County
12 Dedicated Acres 320.2 $\frac{1}{2}$		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°03'35" W 2644.2' (M)		S 89°16'00" W 5300.5' (R)		S 01°32'02" W 2634.7' (R)		17 OPERATOR CERTIFICATION	
		1745'		1945'				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 undivided 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 Patsy Clugston Printed Name Regulatory Specialist clugspl@conocophillips.com Title and E-mail Address 8-29-07 Date	
WELL FLAG NAD 83 LAT: 36.431166° N LONG: 107.416505° W NAD 27 LAT: 36°25.869338' N LONG: 107°24.954164' W		E/2 DEDICATED ACREAGE SF-078885 SECTION 1, T-25-N, R-6-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: 7/05/07 Signature and Seal of Professional Surveyor:  Certificate Number: 11718	

Office
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District IV

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

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- 30398

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

250N

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesa Verde/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 G : 1745' feet from the North line and 1945' feet from the East line
Section 1 Township 25 N Rng 6W NMPM County Rio Arriba

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

6667'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

bbls;

Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK
TEMPORARILY ABANDON
PULL OR ALTER CASINGPLUG AND ABANDON
CHANGE PLANS
MULTIPLE COMPL

SUBSEQUENT REPORT OF:

REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING/CEMENT JOBALTERING CASING
P AND A

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 Sasha Spangler TITLE Regulatory Technician DATE 10/9/2007Type or print name Sasha Spangler E-mail address: spangs@conocophillips.com Telephone No. 505-326-9568

For State Use Only

Deputy Oil & Gas Inspector,
District #3APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE NOV 05 2007

Conditions of Approval (if any):

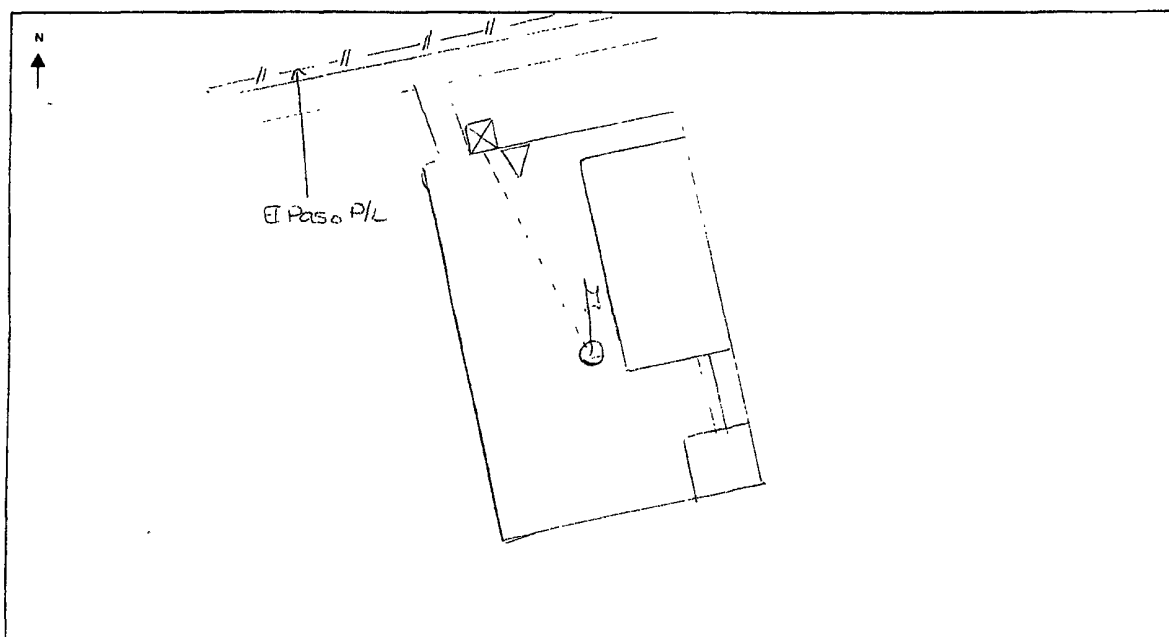


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Canyon Largo Unit #250N LEGALS 1-25-16 COUNTY Rio Arriba

PURPOSED C.P. SYSTEM: Drill GB and set solar on N side of location (E side of access road). Trench approx 250' of #8 neg from the proposed well to the solar



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: _____

NEAREST POWER SOURCE N/A DISTANCE: _____

PIPELINES IN AREA: El Paso P/L

TECHNICIAN: Heidi Humpal DATE: 9/12/07

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 250N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7214		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282	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: 505-326-9826	Proj. Field Lead:		Phone:

Primary Objective (Zones):	
Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.431155	Longitude: -107.415902	X:	Y:	Section: 01	Range: 006W
Footage X: 1945 FEL	Footage Y: 1745 FNL	Elevation: 6667 (FT)	Township: 025N		
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6683 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Total Depth	0	6683	☐			
Surface Casing	320	6363	☐			12-1/4 hole. 320 8 5/8" 24 ppf, J-55, STC casing. Cement with 312 cuft. Circulate cement to surface.
OJAM	2272	4411	☐			
KRLD	2410	4273	☐			
FRLD	2450	4233	☐			Possible Gas
PCCF	2850	3833	☐			
LEWS	2979	3704	☐			
HUERFANITO BENTONITE	3263	3420	☐			
CHRA	3716	2967	☐			
MASSIVE CLIFF HOUSE	4494	2189	☐	1000		Gas
MENF	4534	2149	☐			
PTLK	5037	1646	☐			
MNCS	5400	1283	☐			
GLLP	6105	578	☐			
GRHN	6990	-307	☐			
GRRS	7044	-361	☐			
TWLS	7079	-396	☐	1800		Gas
PAGU	7164	-481	☐			
CBRO	7200	-517	☐			
CBRL	7235	-552	☐			
OAK CANYON	7273	-590	☐			
ENCINAL	7305	-622	☐			
TOTAL DEPTH DK	7370	-687	☐			7 7/8" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 2166 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 250N

DEVELOPMENT

Logging Program:

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

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

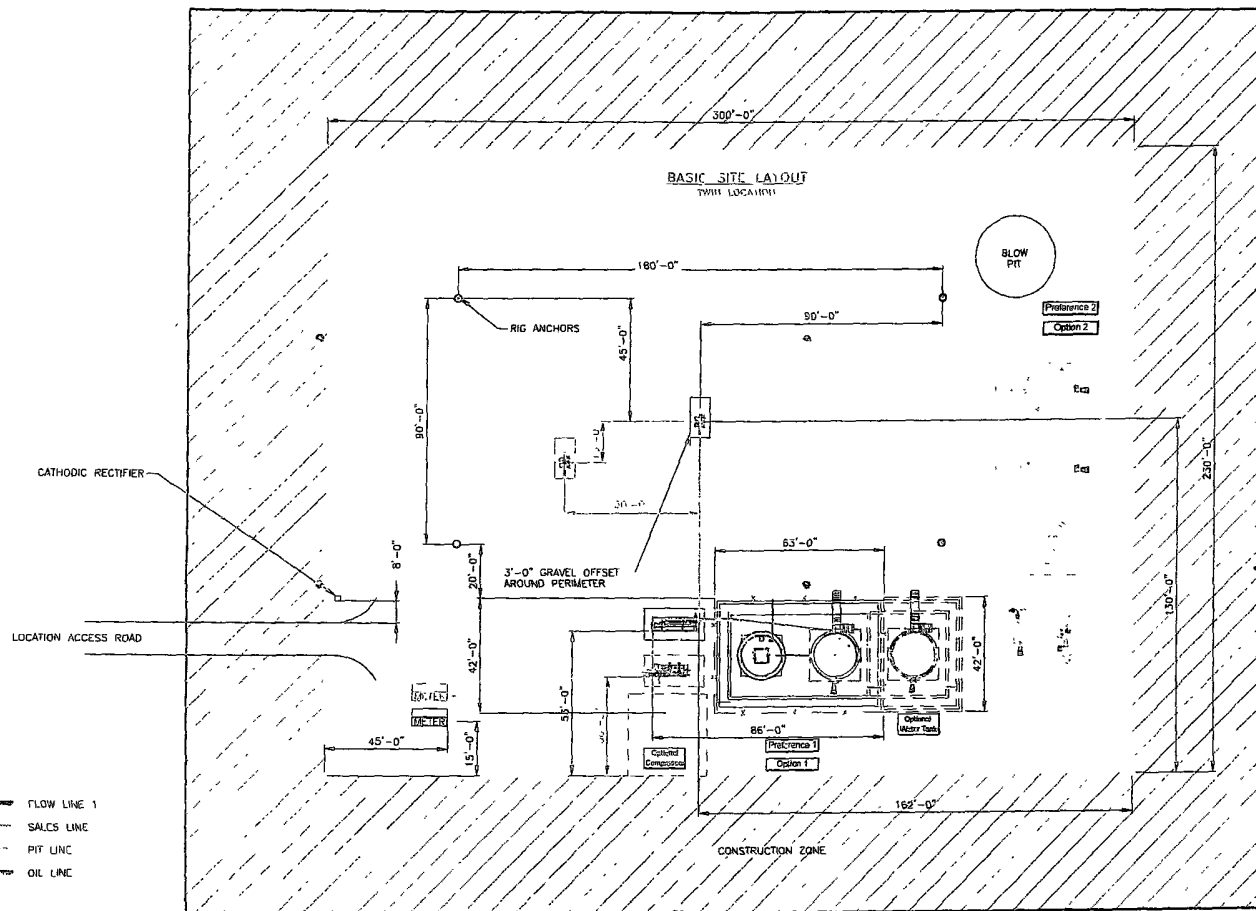
GR_CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM025N006W01NE2 DK 25N06W01NE2 Much of 1/4 in BLM wildlife project area, avoid H & A, not other twins prefer G & B.

Zones - MVNM025N006W01NE2 DK 25N06W01NE2



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	TITLE	DESCRIPTION					
										PROCESS									
										MECHANICAL									
										PIPING									
										ELECTRICAL									
										1 & C									
										CONSTRUCTION									
										PROCESS									
													SAN JUAN BUSINESS UNIT			CLIENT APPR. _____ APPR. DATE _____			
																SCALE: AS SHOWN CREATION DATE: 6/20/07			
																DRAW. No. _____ SHEET No. 1 OF 5			
																HP3PHASE-REV1			

BURLINGTON RESOURCES OIL AND GAS COMPANY

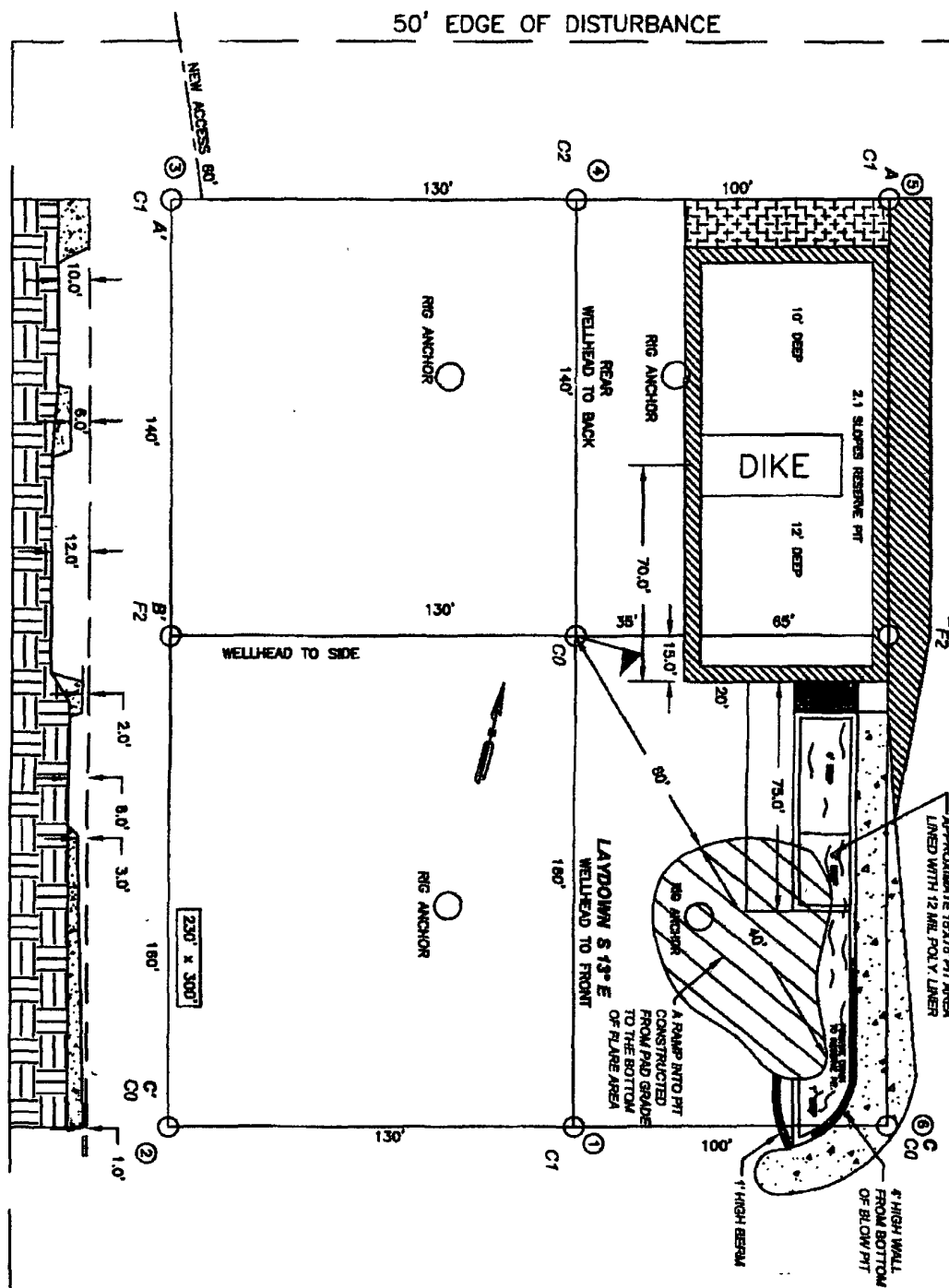
CANYON LARGO UNIT #250N

1745' FNL, 1945' FEL

SECTION 1, T-25-N, R-6-W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

GROUND ELEV.: 6667 NAVD88 DATE: JULY 5, 2007

NEW ACCESS 60'



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.

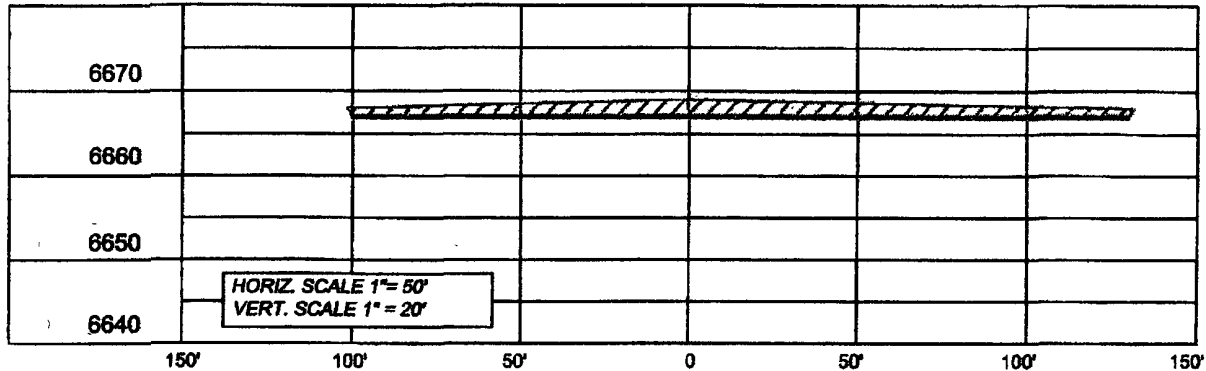
CCI
P.O. BOX 328
BLOOMFIELD, NM, 87413
PHONE: (505) 325-7707

NAD 83 LAT.: 36.43168°N / LONG.: 107.418505°W

BURLINGTON RESOURCES OIL AND GAS COMPANY
CANYON LARGO UNIT #250N
1745' FNL, 1945' FEL
SECTION 1, T-25-N, R-6-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
ELEV.: 6667 NAVD88

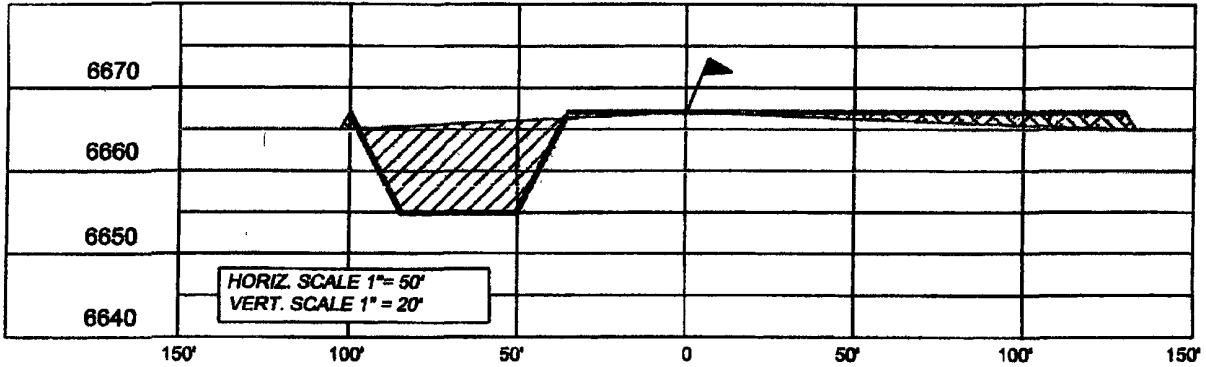
A - A'

C/L



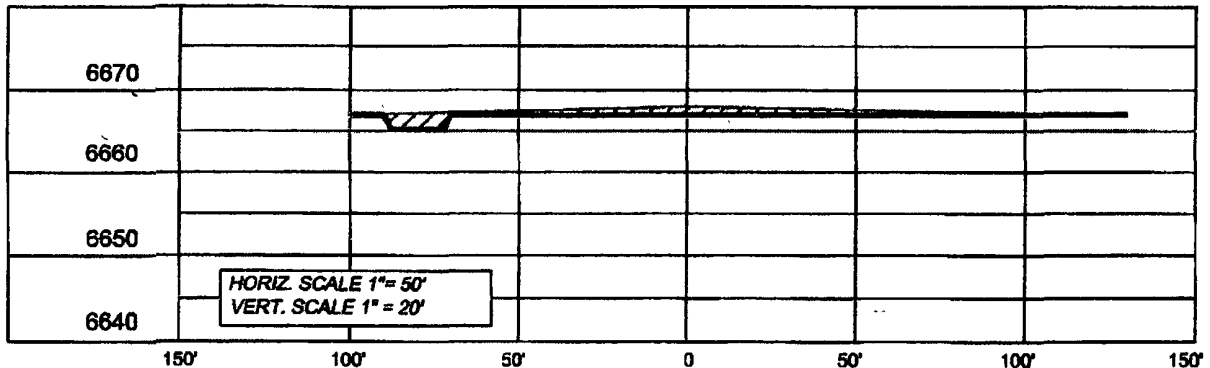
B - B'

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	ISSUED FOR REVIEW	TJR	7/17/07

CCI

CHEVAULT CONSULTING INC.

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