

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD APR 22 '08
OIL CONS. DIV.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DIST. 3

1a. Type of Work
DRILL

RECEIVED

APR 03 2008

Bureau of Land Management
Farmington Field Office

5. Lease Number
USA NM-01051
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

Huerfano Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name

9. Well Number
#255S

4. Location of Well
Unit M (SWSW), 230' FSL & 220' FWL

10. Field, Pool, Wildcat
Basin Fruitland Coal

Latitude 36.525094 N
Longitude 107.837849 W

11. Sec., Twn, Rge, Mer. (NMPM)
M Sec. 31, T27N, R9W

API # 30-045-34682

14. Distance in Miles from Nearest Town
8 Miles/Counselors

12. County
San Juan

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
220'

16. Acres in Lease
564.80

17. Acres Assigned to Well
324.8 (W/2)

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1400' Huerfano #231

19. Proposed Depth
2511'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6562' GL

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

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Sasha Spangler
Sasha Spangler (Regulatory Technician)

4-3-08
Date

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 Type 2

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

APR 24 2008

NMOCD

NOTIFY AZTECO 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

APR 03 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
Fannington Field Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 34682		² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 7139	⁵ Property Name HUERFANO UNIT		⁶ Well Number 255S
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		⁹ Elevation 6562

¹⁰ SURFACE LOCATION

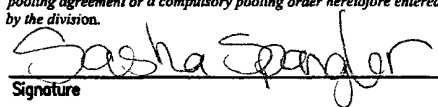
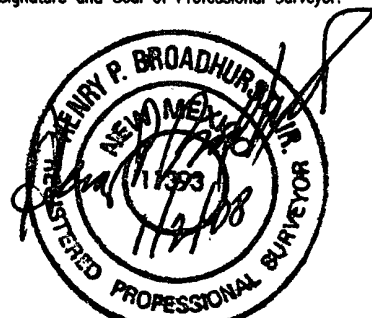
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	31	27-N	9-W	(4)	230	SOUTH	220	WEST	SAN JUAN

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
M									

¹² Dedicated Acres 324.8 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 5274.7' (W) 5278.7' (R) W/2 DEDICATED ACREAGE USA NM-01051 SECTION 31, T-27-N, R-9-W WELL FLAG NAD 83 LAT: 36.525094° N LONG: 107.837849° W NAD 27 LAT: 36°31.505149' N LONG: 107°50.233956' W N 0°06'26" E N 0°07' E 220' 230' S 89°54' W S 89°54'27" 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 Sasha Spangler Printed Name Regulatory Technician Title and E-mail Address 04-03-08 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: 11/02/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393	

Office

Energy, Minerals and Natural Resources

May 27, 2004

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 341682

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

NM-01051

7. Lease Name or Unit Agreement Name

Huerfano Unit

8. Well Number

#255S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

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 M : 230 feet from the South line and 220 feet from the West line
Section 31 Township 27N Rng 9W NMPM County San Juan

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

6562' GR

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type DRILLDepth 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 ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐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 Crystal Walker TITLE Regulatory Technician DATE 3/24/2008Type or print name Crystal Walker E-mail address: crystal.walker@conocophillips.com Telephone No. 505-326-9837**For State Use Only**APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE APR 24 2008

Conditions of Approval (if any):

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON		
WAN.RFE.PD07.KK		
HUERFANO # 255 S	DATE	1/4/2008
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
M 31	27 N	9 W	36.525094 N	107.837849 W

COUNTY

SAN JUAN

RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP
COMPRESSOR
RTU
SAMS
TANKS

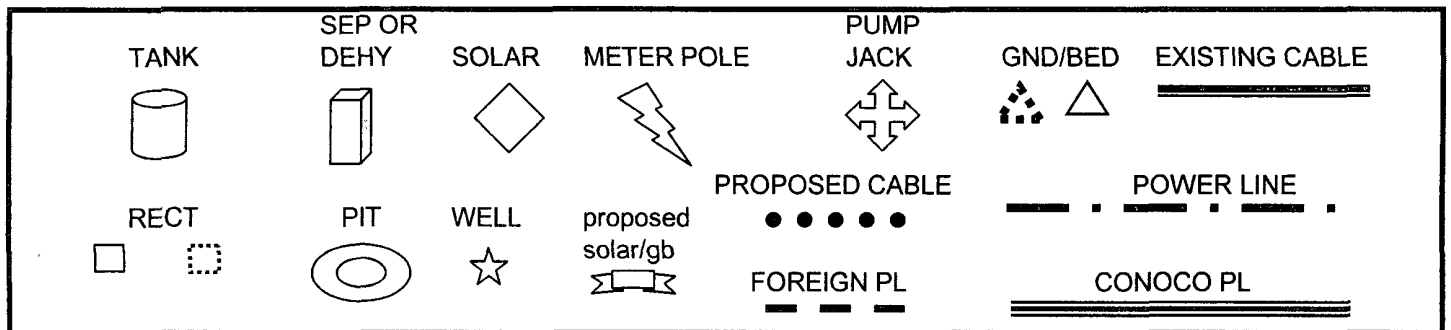
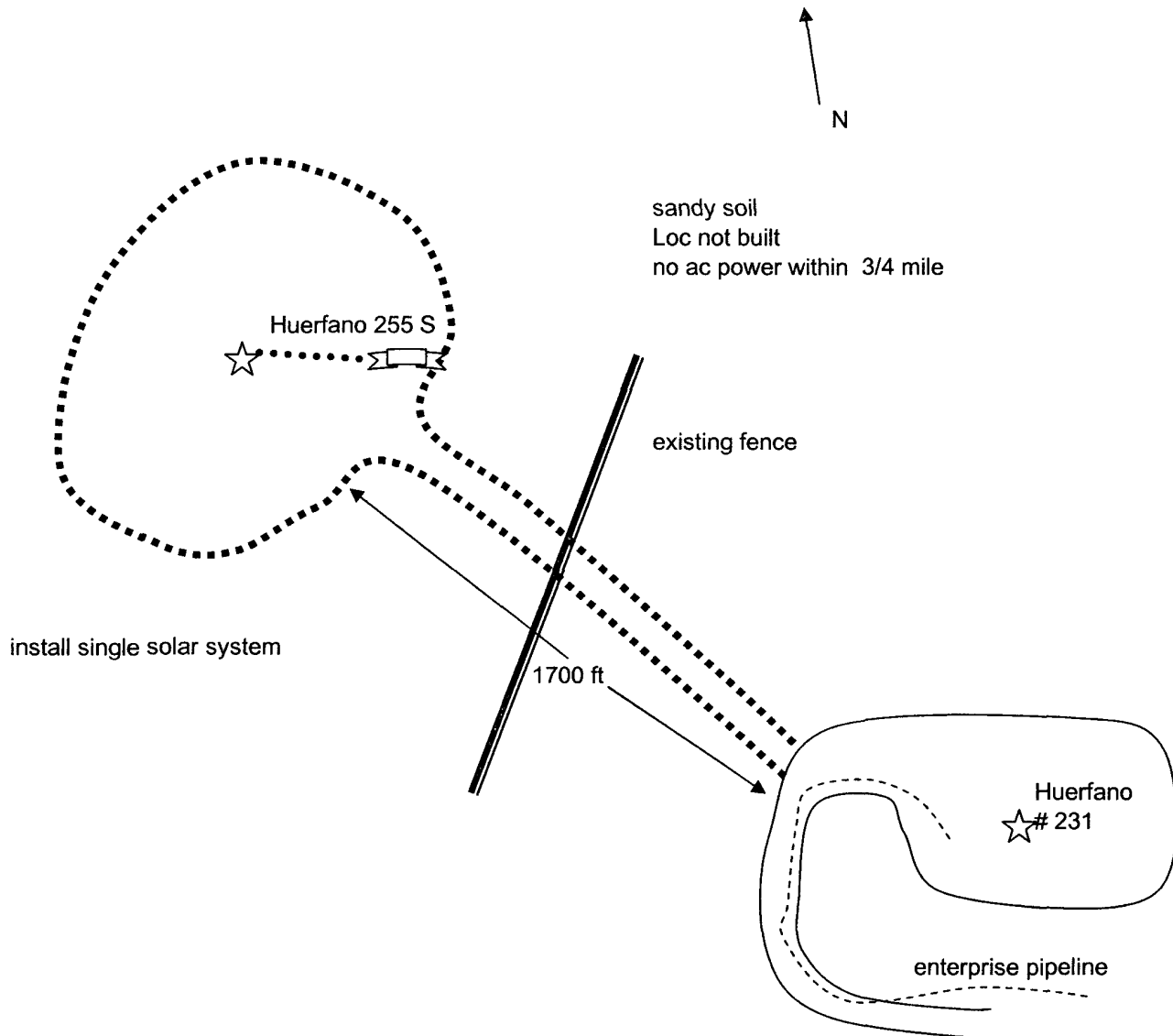
SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
single	x			
	x			
# 8	180 ft			
			Jemez	
			3/4 +	

COMMENTS

install single well solar system --- sandy soil - no power close to loc

WELL NAME

Huerfano # 255 S



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANO UNIT 255S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7444		AFE \$: 209,660.97	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Clark, Dave D		Phone: 505-326-9762	Prod. Engineer:		Phone:
Res. Engineer: Akwari, Bill N		Phone: +1 505-326-9700	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
JCV	BASIN FRUITLAND COAL (GAS)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.525085	Longitude: -107.837232	X:	Y:	Section: 31	Range: 009W
Footage X: 220 FWL	Footage Y: 230 FSL	Elevation: 6562	(FT)	Township: 027N	
Tolerance:					
Location Type:		Start Date (Est.): 1/1/2009		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6574 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	120	6454	<input type="checkbox"/>		
OJO ALAMO	1397	5177	<input type="checkbox"/>		
KIRTLAND	1537	5037	<input type="checkbox"/>		
FRUITLAND	1854	4720	<input type="checkbox"/>	200	Gas
FRUITLAND COAL	2155	4419	<input type="checkbox"/>		
PICTURED CLIFFS	2311	4263	<input type="checkbox"/>		Gas
Total Depth	2511	4063	<input type="checkbox"/>		6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 386 cuft. Circulate cement to surface.
Reference Wells:					
Reference Type	Well Name	Comments			
Intermediate	Huerfano 258				
Intermediate	Huerfano 231				

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
GR_CBL	

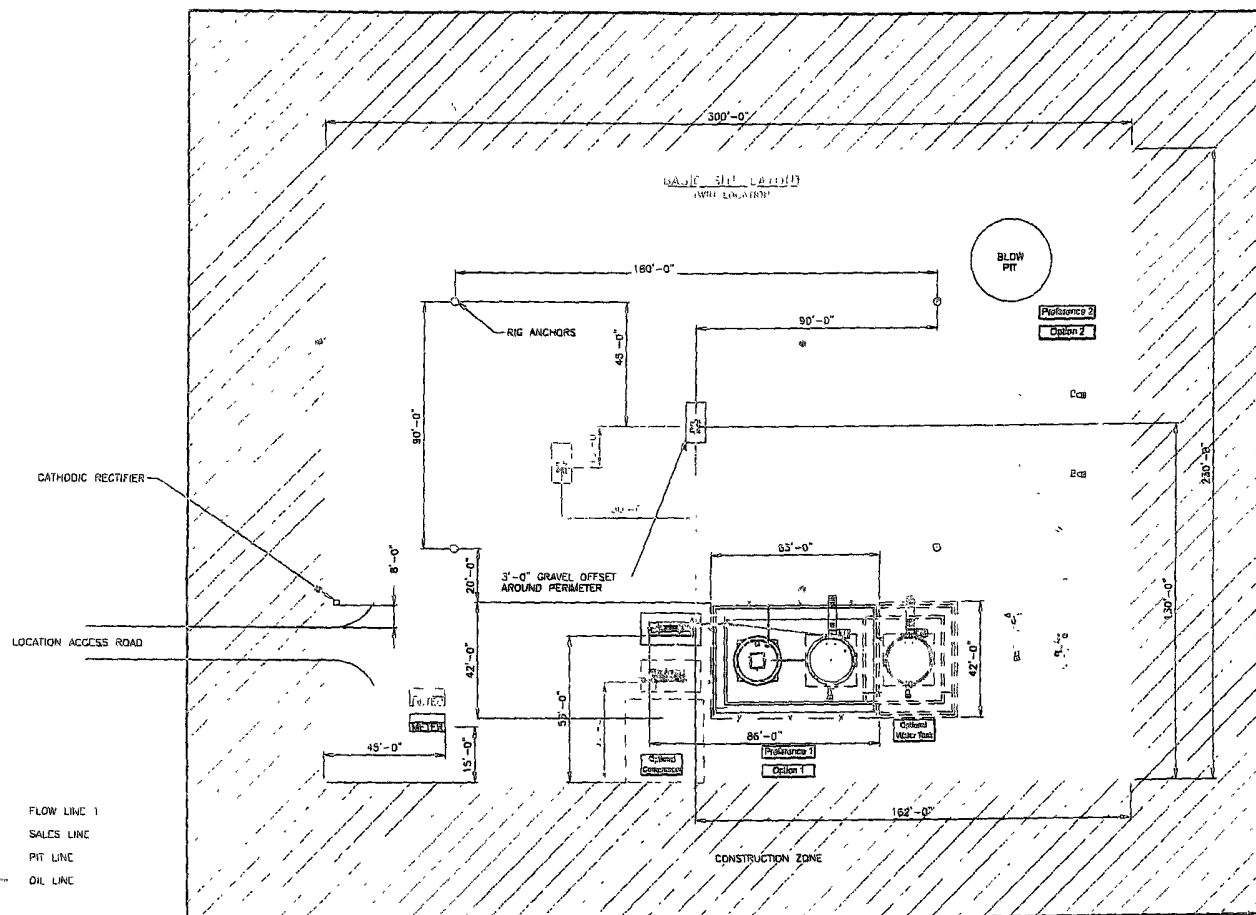
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - FCNM027N009W31SW1 No existing wells in 1/4 section, prefer M,L,N,K.

Zones - FCNM027N009W31SW1

General/Work Description - FCNM027N009W31SW 1 (D.Temple)

Printed on: 4/3/2008 1:24:36 PM



SEE SHEET 2 & 3 FOR Piping DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN OF 3'-0" TOP

SHEET 1 OF 3

										CONOCOPhillips			CONOCOPhillips			HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SHT LAYOUT		
										ENGINEERING REVIEW			REFERENCE DRAWINGS			SAN JUAN BUSINESS UNIT		
										DATE/USER		REVIEWED	DATE	NO.		DESCRIPTION		
										PROCESS								
										MECHANICAL								
										PIPING								
										ELECTRICAL								
										I & C								
										CNA/STRUCTURES								
CONOCOPHILLIPS										DATE		DT	CMTN	CNS	DISC	PHN		
										CLIENT No.		CLIENT ADDR		MFR USE				
										PROJECT ON		SHEET NAME		CRAWLER DATE: 8/30/07		SHEET No		
												DATE		HP3PHASE-REV1		1 of 5		

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

HUERFANO UNIT #255S

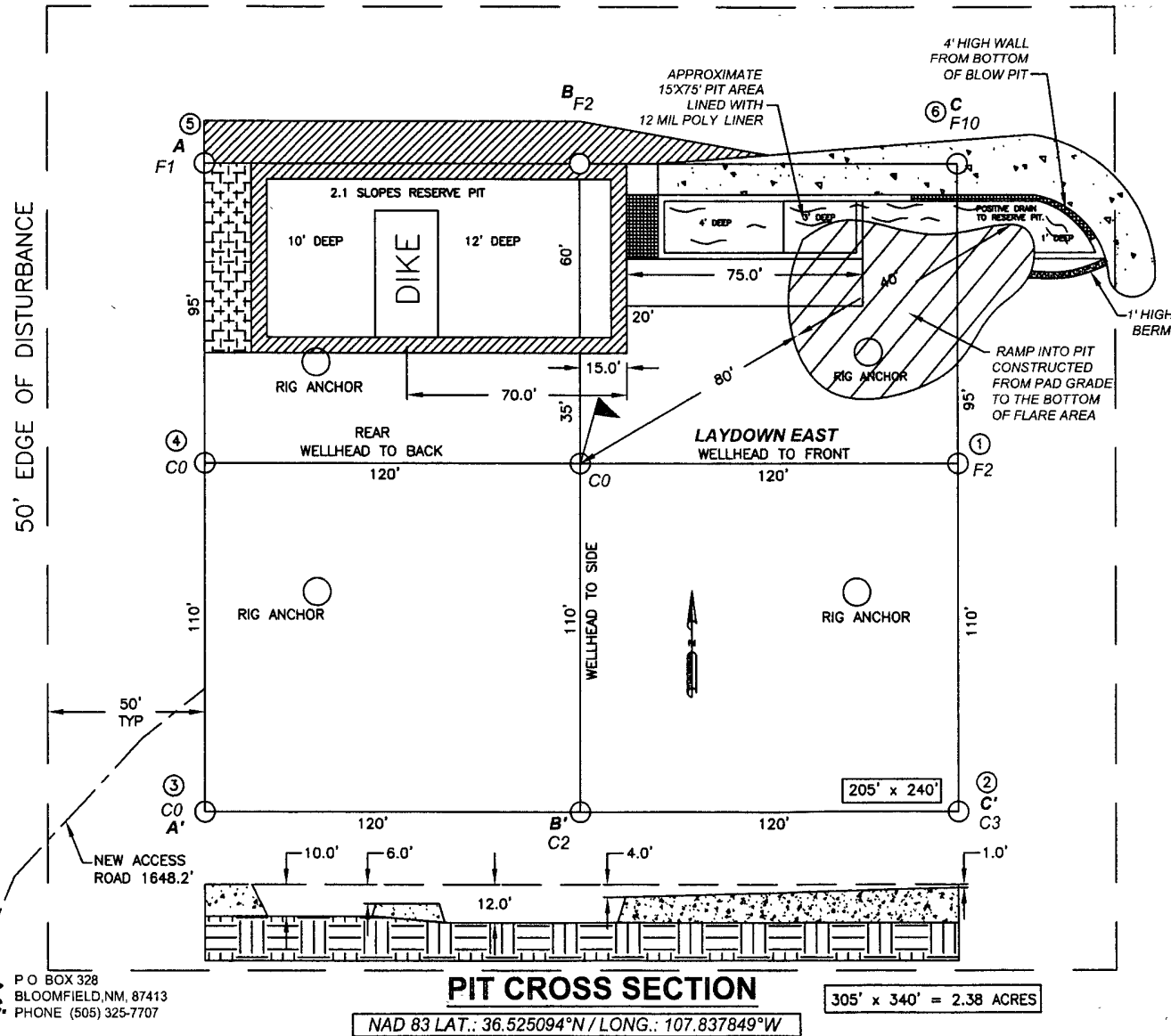
230' FSL, 220' FWL

SECTION 31, T-27-N, R-9-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.: 6562 NAVD88 DATE: JANUARY 22, 2008

NEW ACCESS 1648.2'



NOTES:

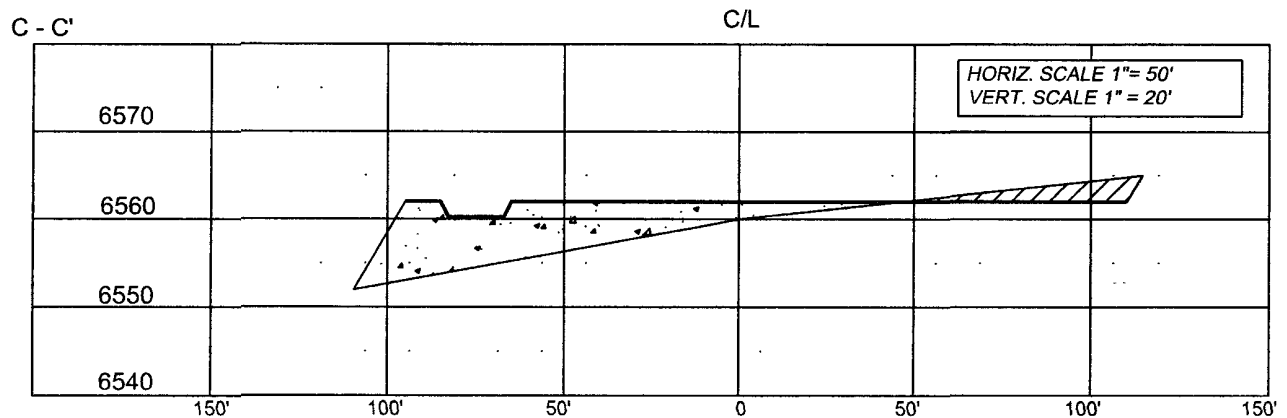
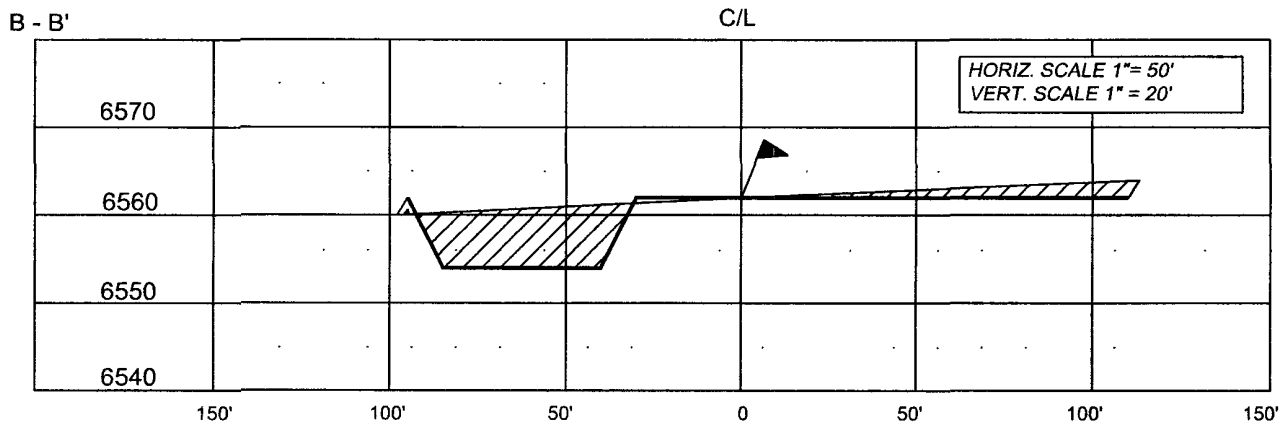
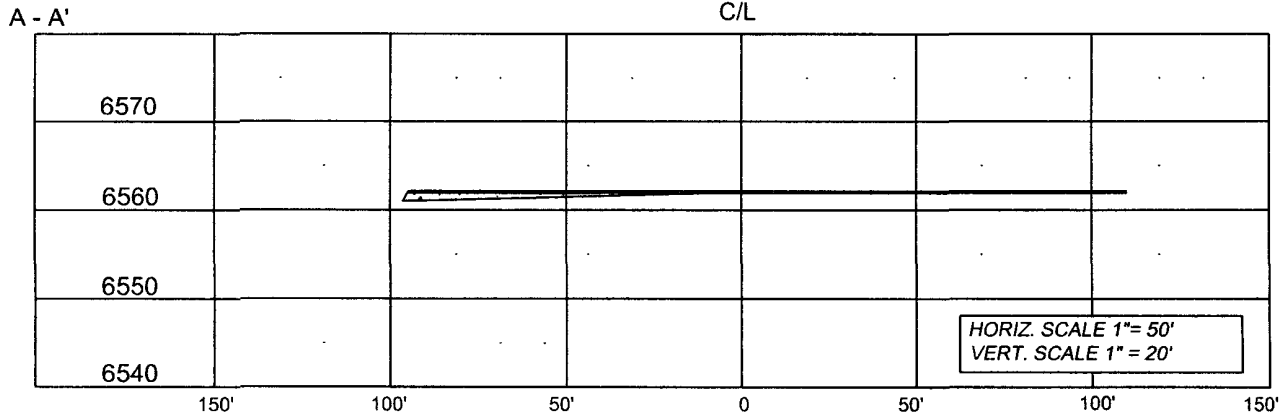
1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

CCI

CHENAUT CONSULTING INC.

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

BURLINGTON RESOURCES OIL AND GAS COMPANY LP
HUERFANO UNIT #255S
230' FSL, 220' FWL
SECTION 31, T-27-N, R-9-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
ELEV.: 6562 NAVD88



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	11/02/07

CCI

CHENAULT CONSULTING INC.

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