

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED FEB 28 2008	5. Lease Number NM - 10214 12014 Unit Reporting Number
1b. Type of Well GAS	Bureau of Land Management Farmington Field Office	6. If Indian, All. or Tribe RCVD MAY 5 '08
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name OIL CONS. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name EPNG B 9. Well Number #1N	
4. Location of Well Surf: Unit J(NWSE), 2010' FSL & 1650' FEL Surf: Latitude 36.94936° N Longitude 107.46068° W	10. Field, Pool, Wildcat Basin Dakota/Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 28, T32N, R6W API # 30-045-34617	
14. Distance in Miles from Nearest Town 22.7 miles/Ignacio, CO	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1650'	16. Acres in Lease 320.00	17. Acres Assigned to Well 320.00 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 832' from EPNG B #100S - FC	19. Proposed Depth 8048'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6403' GR	22. Approx. Date Work will Start	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: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)	Date <u>5/1/08</u>

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 3

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

MAY 05 2008

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

NMOCD B

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and 43 CFR 3165.4

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1901 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South 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 87506

RECEIVED

FEB 28 2008 ☐ AMENDED REPORT

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 34617		*Pool Code 71599 / 72319	*Pool Name BASIN DAKOTA / BLANCO MESA VERDE
*Property Code —A72599— 6977	*Property Name EPNG B		*Well Number 1N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6403

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
J	28	32-N	6-W		2010	SOUTH	1650	EAST	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
J									
¹⁴ Dedicated Acres 320 E/2			¹⁵ Joint or Infill		¹⁶ Consolidation Code		¹⁷ 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

FD. 3 1/4" BC. 1961 B.L.M.	S 87-48-12 W 2685.53' (M)	FD. 3 1/4" BC. 1961 B.L.M. S 87-48-12 W 2685.53' (C)	CALC FROM WEST 1/4 NORTH LINE BEARING & DISTANCE
		USA NM-10244 12014	N 00-13-07 E 5347.67' (C)
28			
LAT: 36.94936° N. (NAD 83) LONG: 107.46068° W. (NAD 83) LAT: 36°56.9611' N. (NAD 27) LONG: 107°27.6042' W. (NAD 27)		1650'	
S 88-46-49 W 2662.73' (M)		2010'	CALC FROM WEST 1/4 SOUTH LINE BEARING & DISTANCE
FD. 3 1/4" BC. 1961 B.L.M.	FD. 3 1/4" BC. 1961 B.L.M.	S 88-46-49 W 2662.73' (C)	

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.

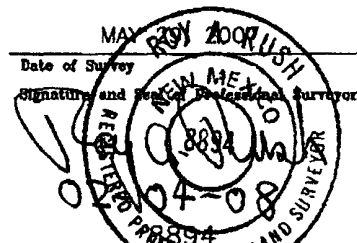
Crystal Walker 2/27/08
 Signature

Crystal Walker 2-27-08
 Printed Name Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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.

MAY 20 2008
 Date of Survey
 Signature and Seal of Professional Surveyor:



Certificate Number

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 DIVISION1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-045- <u>34617</u>
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	NM-10214
7. Lease Name or Unit Agreement Name	EPNG B
8. Well Number	1N
9. OGRID Number	14538
10. Pool name or Wildcat	Basin Dakota/Blanco Mesaverde

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 J : 2010 feet from the South line and 1650 feet from the East line
Section 28 Township 32N Rng 6W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6403' GR

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 ☒

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 and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCDD 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 NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Crystal Walker TITLE Regulatory Technician DATE 2/27/2008

Type or print name
For State Use Only

Crystal Walker

E-mail address: crystal.walker@conocophillips.com Telephone No. 505-326-9837

Deputy Oil & Gas Inspector,
District #3

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE MAY 05 2008

Conditions of Approval (if any):

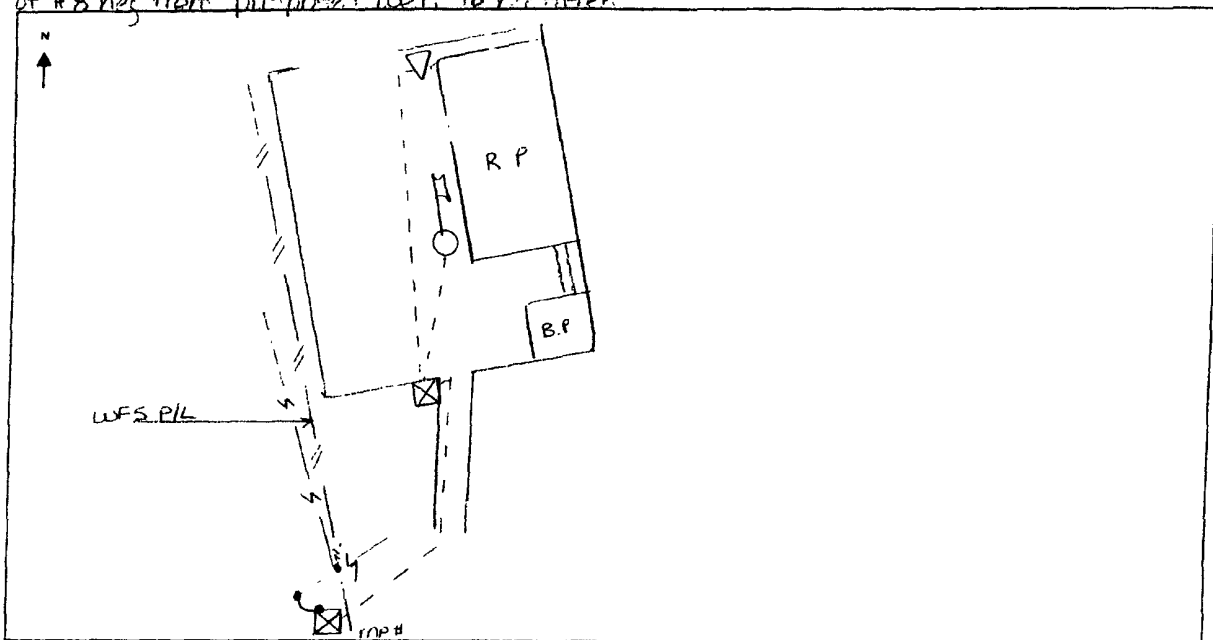


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME EPNG B *IN LEGALS 28-32-6 COUNTY San Juan

PURPOSED C.P. SYSSYTEM: Drill GB on N edge of location. Set rectifier on SW edge
of location. Trench approx 450' of A/C from existing HP (#82434343) on EPNG B #1
to rectifier. Trench approx 300' of positive cable from GB to rectifier. Trench approx 175'
of #8 neg from proposed well to rectifier.



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

COMMENTS:

NEAREST POWER SOURCE Overhead A/C HP # 82 434 343 DISTANCE: 450'
PIPELINES IN AREA: WFS PL

TECHNICIAN: [Signature] DATE: 7/10/2007

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

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

EPNG B 1N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7097		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: SAN JUAN
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				
RON	BLANCO MESAVERDE (PRORATED GAS)				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location:					
Datum Code: NAD 27		Section: 28			
Latitude: 36.949355	Longitude: -107.460075	X:	Y:	Range: 006W	
Footage X: 1650 FEL	Footage Y: 2010 FSL	Elevation: 6403 (FT)	Township: 032N		
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6415 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	216	6199	<input type="checkbox"/>		
OJO ALAMO	2305	4110	<input type="checkbox"/>		
KIRTLAND	2437	3978	<input type="checkbox"/>		
FRUITLAND COAL	3055	3360	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3355	3060	<input type="checkbox"/>		
LEWIS	3477	2938	<input type="checkbox"/>		
Intermediate Casing	3577	2838	<input type="checkbox"/>		
HUERFANITO BENTONITE	4203	2212	<input type="checkbox"/>		
CHACRA	4654	1761	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5354	1061	<input type="checkbox"/>	750	Gas
MENEFEE	5432	983	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	5682	733	<input type="checkbox"/>		
MANCOS	6118	297	<input type="checkbox"/>		
UPPER GALLUP	7020	-605	<input type="checkbox"/>		
GREENHORN	7754	-1339	<input type="checkbox"/>		
GRANEROS	7803	-1388	<input type="checkbox"/>		
PAGUATE	7921	-1506	<input type="checkbox"/>	2700	
UPPER CUBERO	7929	-1514	<input type="checkbox"/>		
LOWER CUBERO	7976	-1561	<input type="checkbox"/>		
ENCINAL	8040	-1625	<input type="checkbox"/>		
TOTAL DEPTH DK	8048	-1633	<input type="checkbox"/>		
12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 171 cu ft. Circulate cement to surface.					
8-3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 805 cu ft. Circulate cement to surface.					
6-1/4" Hole. 4-1/2", 10.5/11.6 ppf, J-55 STC/LTC casing. Cement with 608 cu ft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

EPNG B 1N

DEVELOPMENT

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. Est bottom perf is ~20' above TD.	

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

Comments:

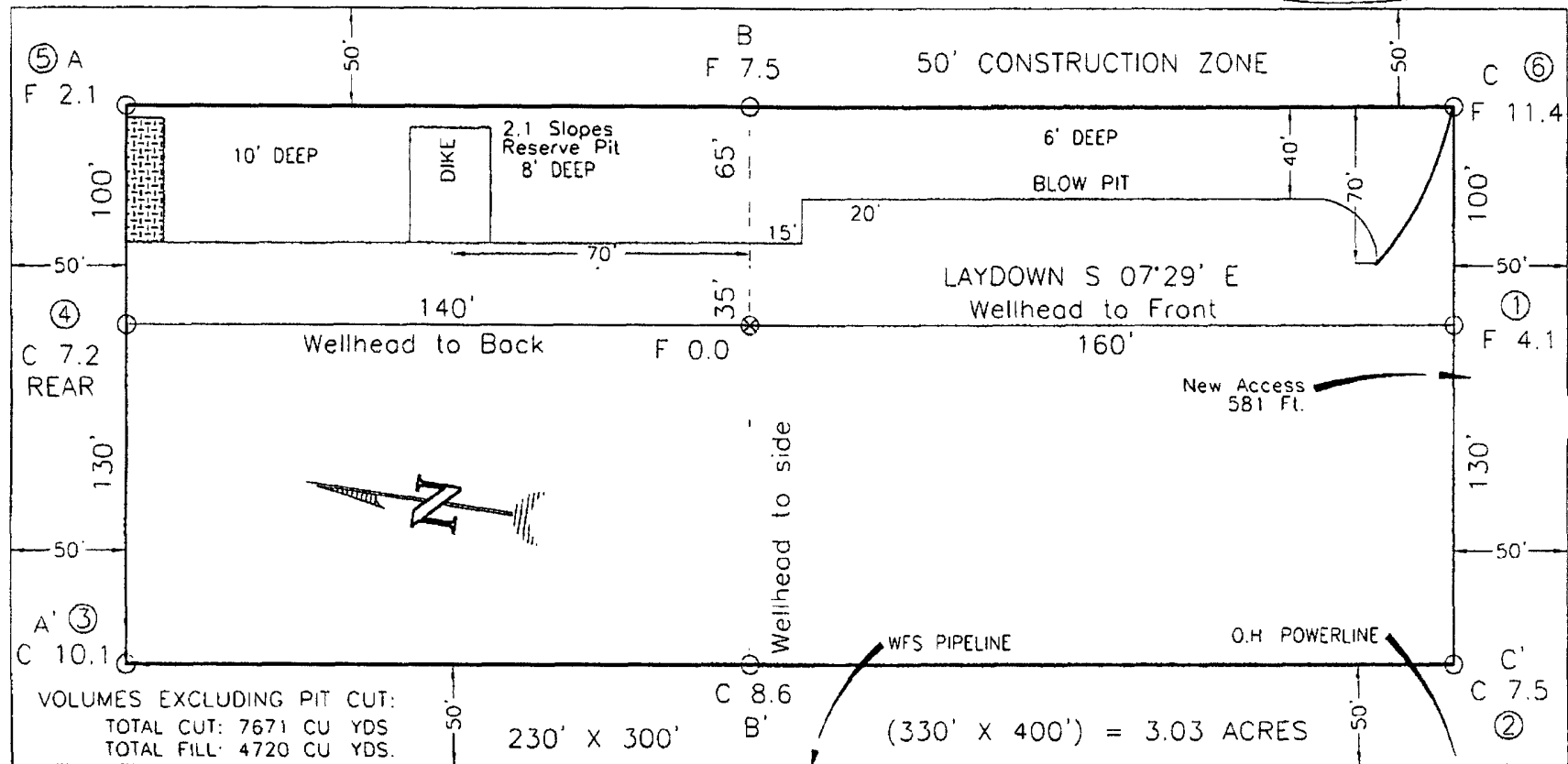
BURLINGTON RESOURCES OIL & GAS COMPANY LP

EPNG B No. 1N, 2010 FSL 1650 FEL

SECTION 28, T-32-N, R-6-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 6403, DATE: MAY 29, 2007

NAD 83
LAT. = 36.94936° N.
LONG. = 107.46068° W.
NAD 27
LAT. = 36°56.9611' N.
LONG. = 107°27.6042' W.



RESERVE PIT DIKE, TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE:


DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. UTILITY NOTIFICATION CENTER OF COLORADO TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

NOTE:

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.

NOTE:

ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA AT CROSS-SECTION SHOWN

REVISION	DATE	REVISED BY
NAME CHANGE	07/30/07	G.V.
 Daggett Enterprises, Inc. Surveying and Oil Field Services P. O. Box 15068 Farmington, NM 87401 Phone (505) 326-1772 Fax (505) 326-6019 NEW MEXICO L.S. 8894		
DRAWN BY G.V.	CAD FILE BR568.PLB	
ROW# BR568	DATE 6/27/07	

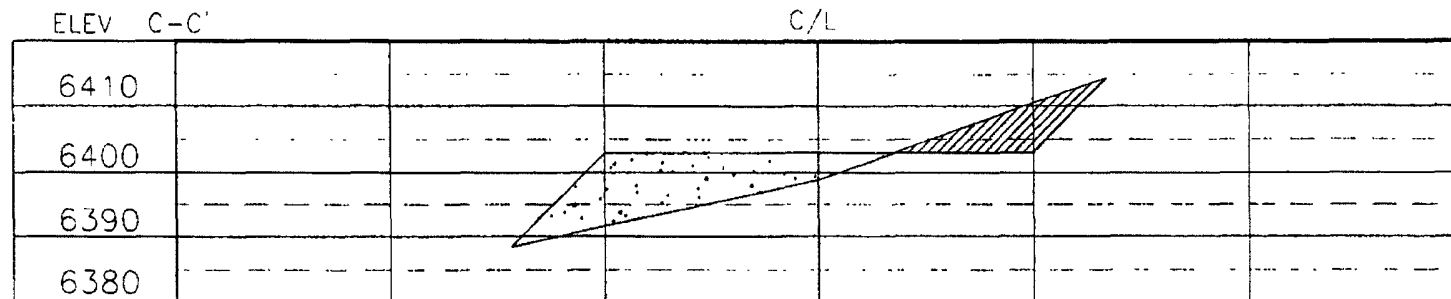
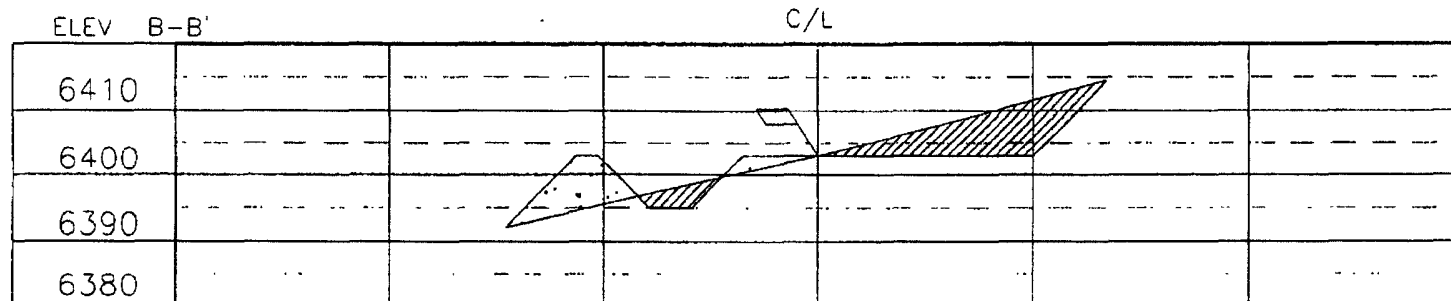
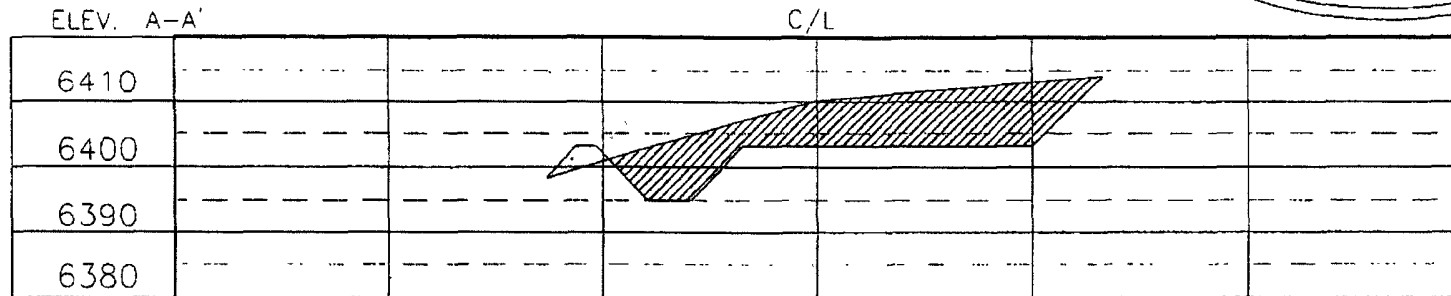
BURLINGTON RESOURCES OIL & GAS COMPANY LP

EPNG B No. 1N, 2010 FSL 1650 FEL

SECTION 28, T-32-N, R-6-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 6403, DATE: MAY 29, 2007

NAD 83
LAT. = 36.94936° N
LONG. = 107.46068° W
NAD 27
LAT. = 36°56.9611' N
LONG. = 107°27.6042' W




NOTE:

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. UTILITY NOTIFICATION CENTER OF COLORADO TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

NOTE:

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.

REVISION	DATE	REMOVED BY
NAME CHANGE	07/30/07	GV



Daggett Enterprises, Inc.
Surveying and Oil Field Services
P. O. Box 15068 Farmington NM 87401
Phone (505) 326-1772 • Fax (505) 326-6019
NEW MEXICO L.S. 8894

DRAWN BY: GV	CADFILE: BR668_CFB
ROW# BR668	DATE: 6/27/07