

RECEIVED

MAY 14 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOC D FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOC D PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.	5. Lease Number USA SF-078571 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe RCVD JUN 24 '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 Day B	9. Well Number #3M
4. Location of Well Surf: Unit F (SE NW), 1545' FNL & 1765' FWL BH: Unit G (SW NE), 1450' FNL & 1930' FEL Surf: Latitude 36.59264° N Longitude 107.72499° W BH: Latitude 36.59277 N / Long 107.71985 W	10. Field, Pool, Wildcat Basin DK/Blanco MV	11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 7, T27N, R8W API # 30-045-34709
14. Distance in Miles from Nearest Town 17 miles/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1450'	17. Acres Assigned to Well 320.00 - (E/2)	
16. Acres in Lease 640.44		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 101' from Day B #4M	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 7490'		
21. Elevations (DF, FT, GR, Etc.) 6770' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	Hold C104 for Directional Survey and "As Drilled" plat 5-14-08	
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	Date	

PERMIT NO.

APPROVED BY

TITLE

APPROVAL DATE

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

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

H₂S POTENTIAL EXIST

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

NMOC D

JUN 30 2008

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 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 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34709	² Pool Code 72319 / 71599	Pool Name BLANCO MESAVERDE/BASIN DAKOTA
⁴ Property Code 6948	³ Property Name DAY 8	⁵ Well Number 3M
⁷ OGRD No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Elevation 6770

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
F	7	27-N	8-W		1545	NORTH	1765	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
G	7	27-N	8-W		1450	NORTH	1930	EAST	SAN JUAN

¹² Dedicated Acres 320 acres (E/2)	¹³ Joint or in fill	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 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>Sasha Spangler</i> Signature Sasha Spangler Printed Name 2-4-08 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. JANUARY 4, 2008 Date of Survey <i>ROY A. RUIZ</i> Signature and Seal of Professional Surveyor NEW MEXICO PROFESSIONAL SURVEYOR 8894 Certificate Number
--

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PDO7.CT		
DAY B # 3 M	DATE	2/1/2008
WELL NAME		
WELL NAME	B # 4 M	

COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	F 7	27 N	8 W	36 35.5663N	107 43.5015 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	320 FT			
			JEMEZ	
			1.5 MILE	

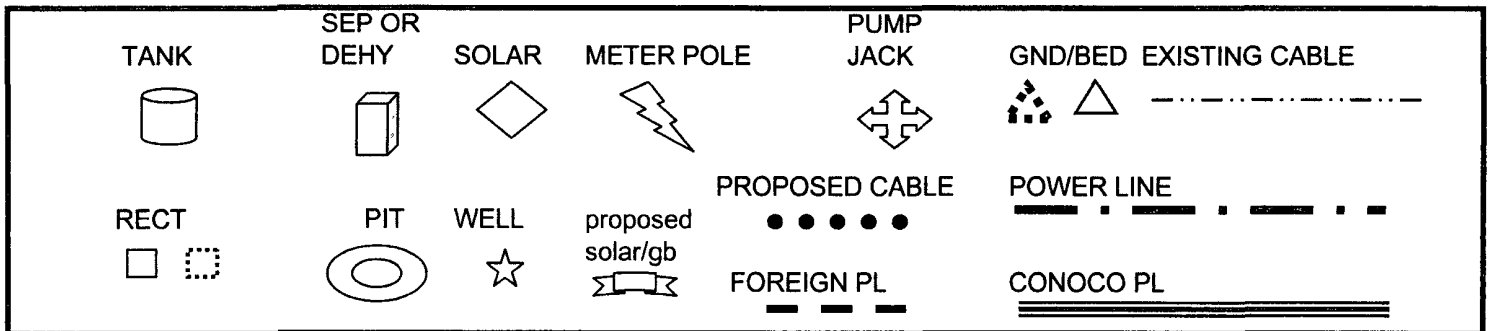
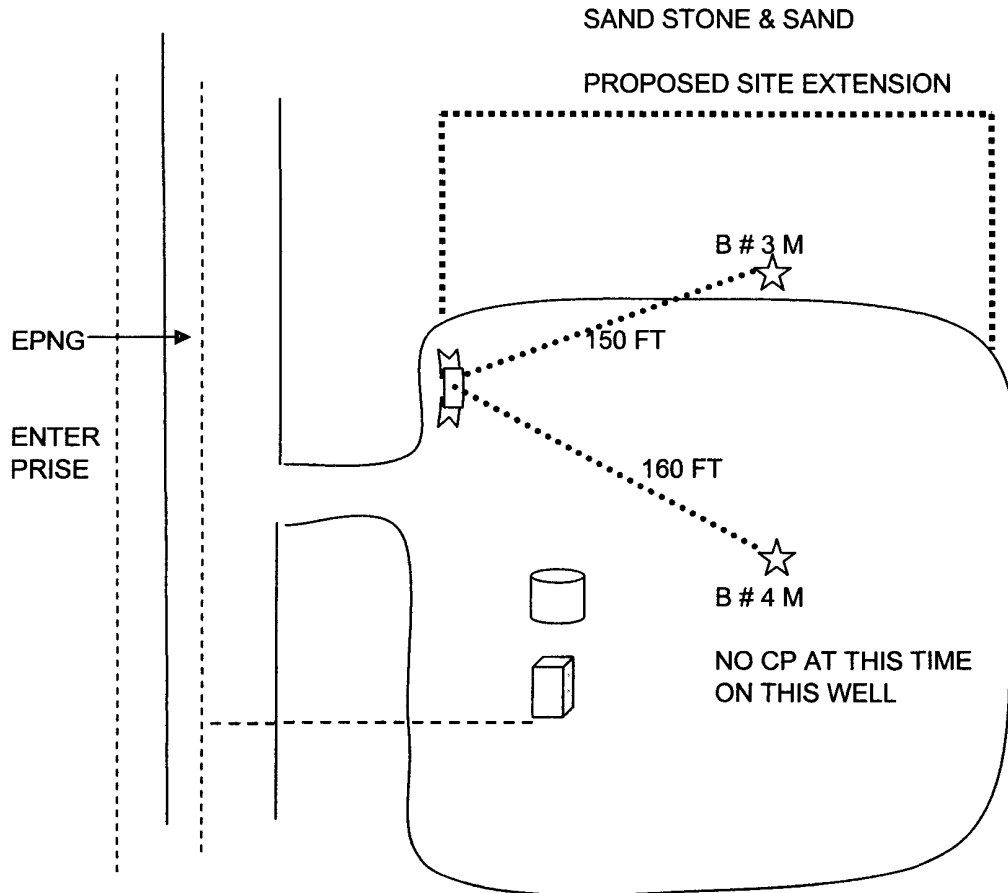
COMMENTS

INSTALL DUAL SOLAR SYSTEM - MOSTLY SANDSTONE - PRIMARY POWER
1.5 MILES
LATS & LONS WERE WRONG NOTE CORRECTIONS

WELL NAME TURNER HUGHES B 3 M



TOP OF HOLLIS PASS



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DAY B 3M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7241				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN		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: 36.592632	Longitude: -107.724377	X:	Y:	Section: 07		Range: 008W	
Footage X: 1765 FWL	Footage Y: 1545 FNL	Elevation: 6770	(FT)	Township: 027N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Straight Hole	
Latitude: 36.592762	Longitude: -107.719237	X:	Y:	Section: 07		Range: 008W	
Footage X: 1930 FEL	Footage Y: 1450 FNL	Elevation:	(FT)	Township: 027N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6785 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	215	6570	☐			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 170 cubic ft. Circulate cement to surface.	
OJO ALAMO	1960	4825	☐				
KIRTLAND	2060	4725	☐				
FRUITLAND	2535	4250	☐			Possible Gas	
PICTURED CLIFFS	2895	3890	☐				
LEWIS	3049	3736	☐				
HUERFANITO BENTONITE	3403	3382	☐				
CHACRA	3832	2953	☐				
MASSIVE CLIFF HOUSE	4538	2247	☐				
MENEFEE	4562	2223	☐				
Intermediate Casing	4712	2073	☐			8-3/4" hole, 7", 23 ppf, L-80, LTC casing. Cement with 1125 cubic ft. Circulate cement to surface.	
MASSIVE POINT LOOKOUT	5191	1594	☐			GAS	
MANCOS	5537	1248	☐				
UPPER GALLUP	6349	436	☐				
GREENHORN	7123	-338	☐				
GRANEROS	7177	-392	☐				
TWO WELLS	7243	-458	☐	1700		Gas	
PAGUATE	7295	-510	☐				
CUBERO	7348	-563	☐				
ENCINAL	7428	-643	☐				
TOTAL DEPTH DK	7471	-686	☐			6-1/4" hole. 4-1/2", 11.6 ppf, L-80, LTC casing. Cement with 380 cubic ft. Circulate cement a minimum of 100' inside the previous casing string.	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DAY B 3M

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
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Est bottom perf ~20' above TD. Mudlog from 100' above top of Greenhorn to TD - mudlogger will call TD.

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

Comments: Location/Tops/Logging - MVNM027N008W07NE2 DK 27N08W07NE2 Avoid A, do not twin, topo will be a problem, prefer B,G,H.

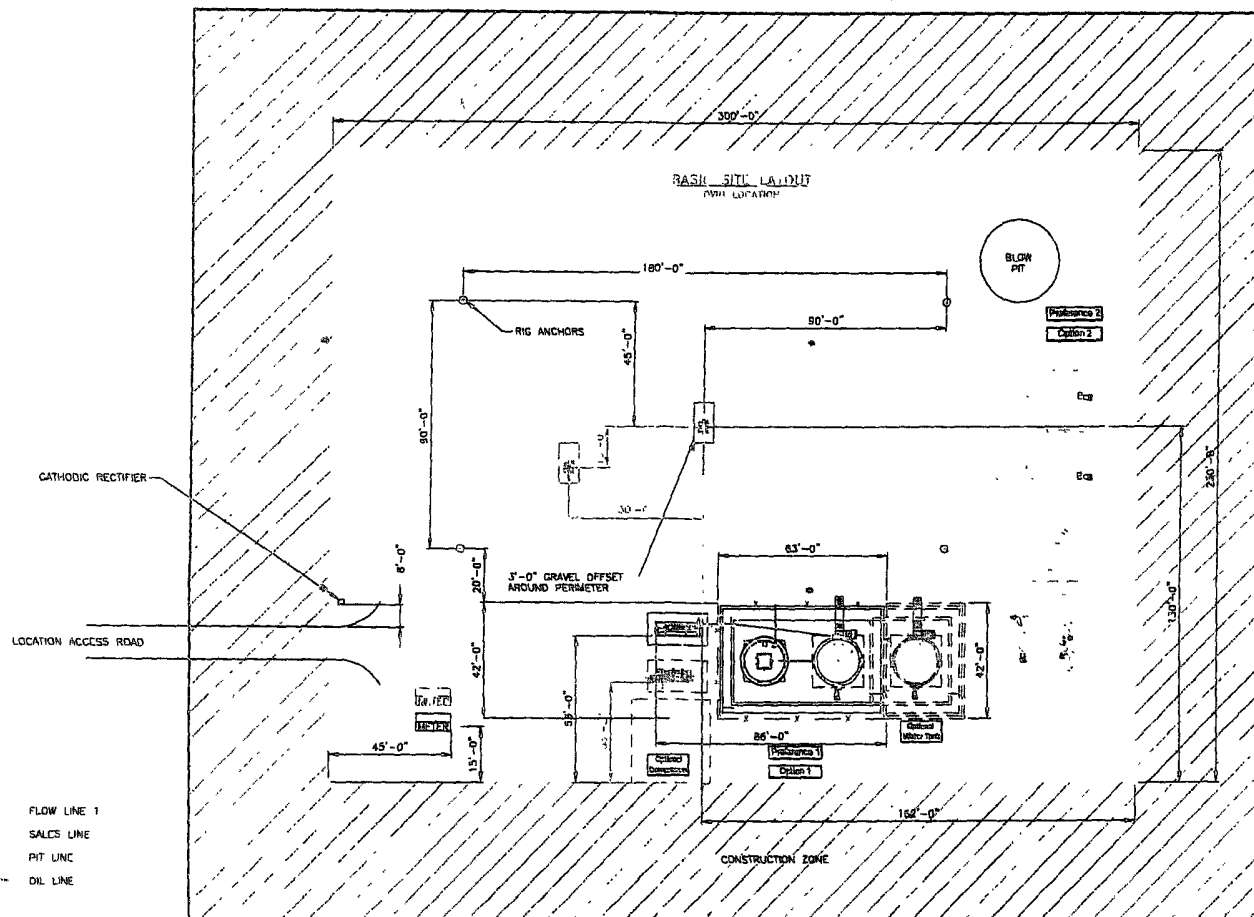
Zones - MVNM027N008W07NE2 DK 27N08W07NE2

General/Work Description - 3/25/08-economic as DD wfp

ConocoPhillips or its affiliates Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Day B 3M
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 6785.0ft (Generic Rig RKB)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	WELL @ 6785.0ft (Generic Rig RKB)
Site:	Directional Wells	North Reference:	True
Well:	Day B 3M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Day B 3M		
Design:	planned		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,053.4	1,960.0	Ojo		0.00		
2,161.9	2,060.0	Kirtland		0.00		
2,677.1	2,535.0	Fruitland		0.00		
3,067.5	2,895.0	Pictured Cliffs		0.00		
3,234.5	3,049.0	Lewis		0.00		
3,618.4	3,403.0	Huerfano Bentonite		0.00		
4,083.7	3,832.0	Chacra		0.00		
4,821.2	4,538.0	Mass. Cliffhouse		0.00		
4,845.3	4,562.0	Menefee		0.00		
5,474.4	5,191.0	Point Lookout		0.00		
5,820.4	5,537.0	Mancos		0.00		
6,632.4	6,349.0	Upper Gallup		0.00		
7,406.4	7,123.0	Greenhorn		0.00		
7,460.4	7,177.0	Graneros		0.00		
7,526.4	7,243.0	Two Wells		0.00		
7,578.4	7,295.0	Paguate		0.00		
7,631.4	7,348.0	Cubero		0.00		
7,711.4	7,428.0	Encinal		0.00		



SEE SHEET 2 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE GRADED 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		
										TECHNICAL								
										PIPING								
										ELECTRICAL								
										1 & C								
										CON. / INSTRUMENTAL						CLIENT I.D.	CLIENT NAME	APPRO. DATE
										PROJECT						SECOND I.D.	CREATED DATE: 6/20/07	SHEET NO.
DESCRIPTION										DATE	BY	CHKD	APP	REV		HP3PHASE-REV1		

Project: San Juan Business Unit Regulatory/Non Location Site Layout, 06/20/2007 - 02/2/2008

GROUND ELEVATION: 6770', DATE: JANUARY 4, 2008

NAD 27
LAT. = 36°35.5578' N.
LONG. = 107°43.4624' W.



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.

REASON:	DATE:	REVISED BY:
WELL LOCATION: RENTAGE	01/24/00	A.G.



Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 510 • Farmington, NM 87499
 Phone (505) 326-1772 • Fax (505) 326-6019
 NEW MEXICO L.S. 8894

ORDERED BY: G.V.	CARD#: BR881_PL5
NAME: BR881	DATE: 09/22/07

BURLINGTON RESOURCES OIL & GAS COMPANY LP

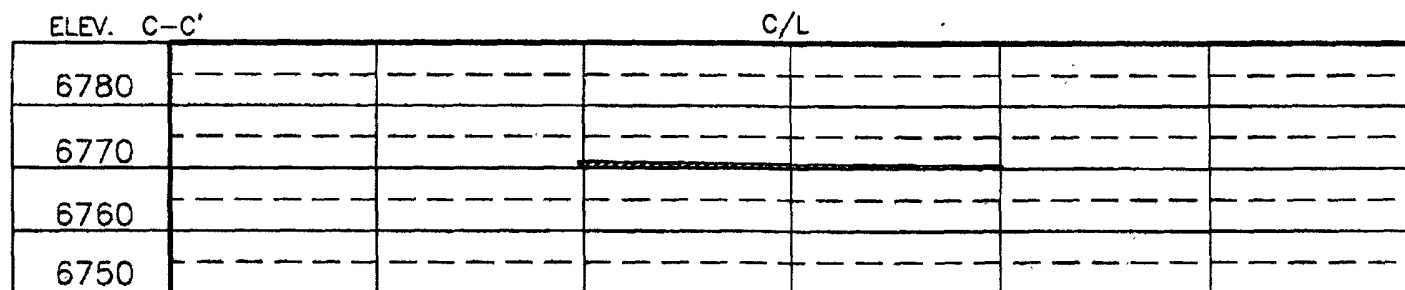
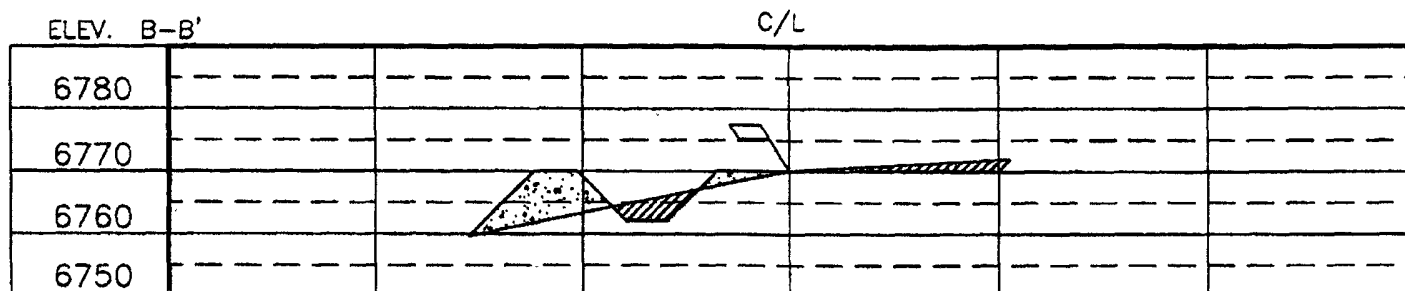
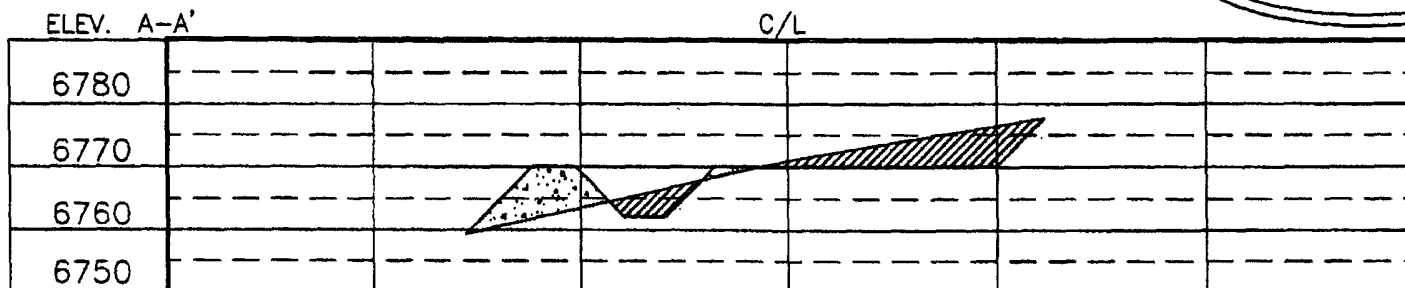
DAY B No. 3M, 1545 FNL 1765 FWL

SECTION 7, T-27-N, R-8-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 6770, DATE: JANUARY 4, 2008

NAD 83
LAT. = 36.59264° N.
LONG. = 107.72499° W.

NAD 27
LAT. = 36°35.5578' N.
LONG. = 107°43.4624' W.



NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL 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	REVISED BY
WELL LOCATION HISTORICAL	01/24/08	A.S.
 Daggett Enterprises, Inc. Surveying and Oil Field Services P. O. Box 510 Farmington, NM 87499 Phone (505) 326-1772 • Fax (505) 326-8018 NEW MEXICO L.S. 8894		
DRAWN BY: G.V.	DWGFILE: BR681_CFB	
NEW: BR681	DATE: 8/22/07	

**Directions from the Post Office in Blanco, New Mexico, to the
Burlington Resources Oil & Gas Company LP**

Day B #3M well location

1545' FNL 1765' FWL, Section 7, T27N R8W, NMPM, in San Juan County, NM

From the Blanco, NM, post office (Lat. 36.72389° N, Long. 107.82778° W):

Travel east on Hwy 64 1.3 mi to CR 4450 (Largo Canyon Road; Lat. 36.72444° N, Long. 107.80528° W).

Turn right on CR 4450 and travel southeasterly 3.7 mi (Lat. 36.69500° N, Long. 107.75556° W).

Turn right and continue southerly 0.6 mi across bridge or Largo Wash (Lat. 36.68694° N, Long. 107.75694° W).

Turn left and continue southeasterly on CR 4450 7.0 mi to Hollis Pass Road (Lat. 36.61583° N, Long. 107.68167° W).

Turn right and travel southwesterly, up hill, 4.0 mi to new location at the existing Day B #4M well location (Lat. 36.59264° N, Long. 107.72499° W).