

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

NOV 05 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS5. Lease Number
SF-0789456. If Indian, All. or
Tribe Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name
San Juan 29-7 Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
San Juan 29-7 Unit 83B

9. API Well No.

30-039-30712

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit H (SENE), 2070' FNL & 1195' FEL, Section 3, T29N, R7W, NMPM

Bottomhole: Unit B (NWNE), 1025' FNL & 1930' FEL, Section 3, T29N, R7W, NMPM

10. Field and Pool
Blanco MV / Basin DK11. County and State
Rio Arriba, NM**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

Type of Action

☐ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection☒ Other - Move BH LocationRCVD NOV 13 '09
OIL CONS. DIV.
DIST. 3**13. Describe Proposed or Completed Operations**

Burlington Resources wishes to move the approved bottomhole location of the subject well in order to avoid NSL. The approved bottomhole location was Unit B (NWNE), 1025' FNL & 2170' FEL. Sec. 3, T29N, R7W. The revised bottomhole location is Unit B (NWNE), 1025' FNL & 1930' FEL, Sec. 3, T29N, R7W. In the process of resurveying the location to move the bottomhole, it was discovered the Surface was originally surveyed incorrectly. The correct surface footages are Unit H (SENE), 2070' FNL & 1195' FEL from the approved footages of Unit H (SENE), 2100' FNL & 1190' FEL. The new plat, directional drill plan and project proposal is attached.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.

Signed

Crystal Tafoya

Crystal Tafoya

Title Regulatory Technician

Date 11/05/2009

(This space for Federal or State Office use)

APPROVED BY *Troy L. Salvers*

Title Petroleum Engineer

Date 11/10/2009

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

to

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
301 West Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

DISTRICT IV
220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-30712		2 Pool Code 71599 / 72319		3 Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
4 Property Code 7465		5 Property Name SAN JUAN 29-7 UNIT			6 Well Number 83B
7 GRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			9 Elevation 6828'

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
H	3	29-N	7-W		2070'	NORTH	1195'	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

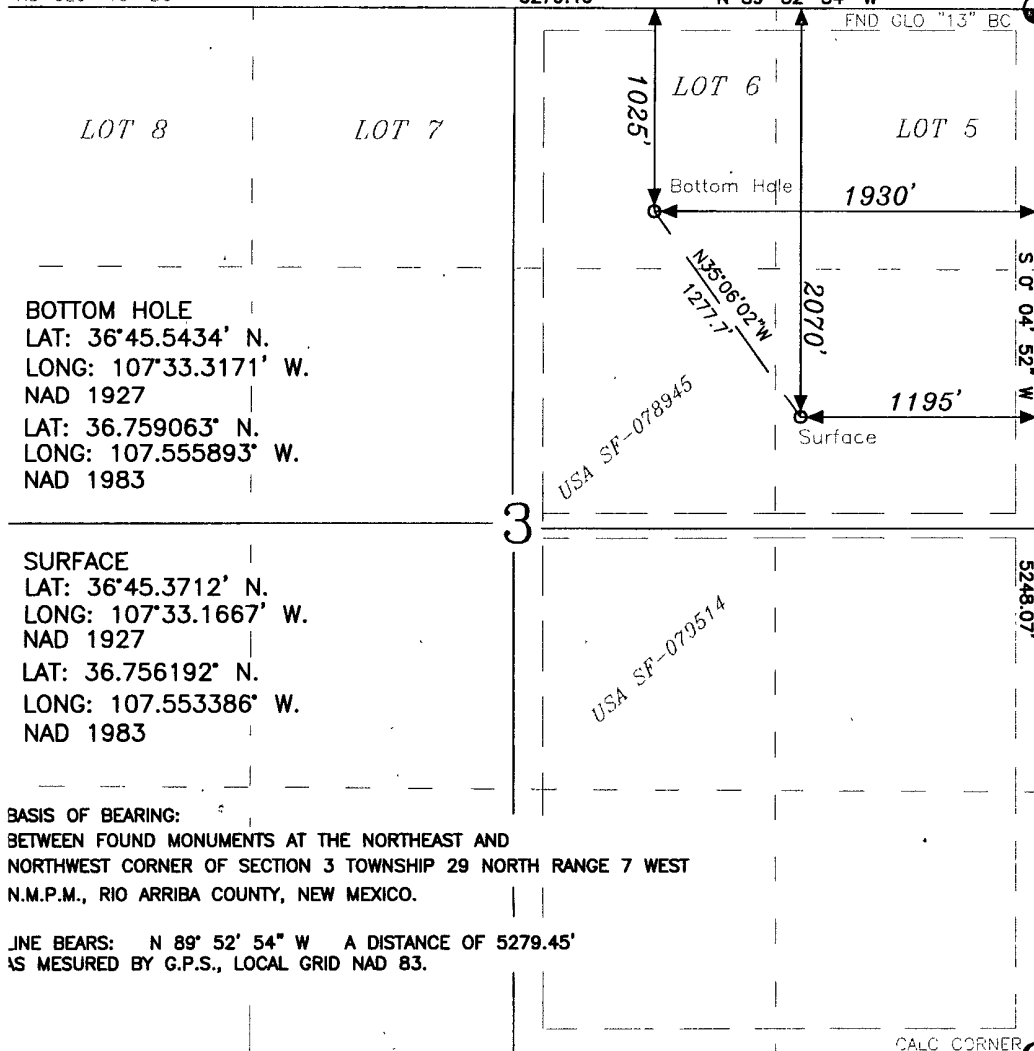
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	3	29-N	7-W		1025'	NORTH	1930'	EAST	RIO ARriba

12 Dedicated Acres DK 318.05 ACRES E/2 MV 318.05 ACRES E/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

6
FND GLO "13" BC

5279.46' N 89° 52' 54" 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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 11/5/09
Signature

Crystal Tafoya 11/5/09
Printed Name

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.

OCTOBER 23, 2009

Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 83B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8015		AFE \$: 1,764,370.98	
Field Name: SAN JUAN 29-7 UNIT		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
RON	BLANCO MESAVERDE (PRORATED GAS)				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Directional					
Latitude: 36.756186	Longitude: -107.552779	X:	Y:	Section: 03	Range: 007W
Footage X: 1195 FEL	Footage Y: 2070 FNL	Elevation: 6828	(FT)	Township: 029N	
Tolerance:					
Location: Bottom Hole Datum Code: NAD 27 Directional					
Latitude: 36.759057	Longitude: -107.555286	X:	Y:	Section: 03	Range: 007W
Footage X: 1930 FEL	Footage Y: 1025 FNL	Elevation:	(FT)	Township: 029N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:	
Formation Data: Assume KB = 6844		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	201	6643	☐		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
NACIMIENTO	1399	5445	☐		
OJO ALAMO	2774	4070	☐		
KIRTLAND	2890	3954	☐		
FRUITLAND	3220	3624	☐		Possible Gas
PICTURED CLIFFS	3688	3156	☐		
LEWIS	3836	3008	☐		
HUERFANITO BENTONITE	4446	2398	☐		
Intermediate Casing	4451	2393	☐		
8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1068 cuft. Circulate cement to surface.					
CHACRA	4719	2125	☐		Estimated top perf 4600'.
MASSIVE CLIFF HOUSE	5464	1380	☐	500	Gas
MENEFEE	5555	1289	☐		
POINT LOOKOUT	5884	960	☐		
MANCOS	6272	572	☐		
UPPER GALLUP	6552	292	☐		
GREENHORN	7886	-1042	☐		
GRANEROS	7942	-1098	☐		
TWO WELLS	8008	-1164	☐	3400	Gas
UPPER CUBERO	8096	-1252	☐		
LOWER CUBERO	8126	-1282	☐		
ENCINAL	8172	-1328	☐		
TD at base of Encinal sand about 40' below T/ENCN. Est bot perf 15' off TD.					

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 83B

DEVELOPMENT

Total Depth	8212	-1368	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 513 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments
Production	29-7 11A	section 3 29-7
Production	29-7 99C	section 34 30-7
Production	29-7 57A	section 11 29-7

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
No OH logs. Mudlog from 100' above Upper Gallup to TD - loggers will call TD	

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

ConocoPhillips SJBU

San Juan Basin - New Mexico Wells

San Juan 29 Wells

SJ 29-7 #83B

30-039-30712

Principal Wellbore

Plan: Plan #1

Standard Planning Report

04 November, 2009

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #83B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6844 0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6844 0ft (H&P 282)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #83B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Project:	San Juan Basin - New Mexico Wells, T-28-N, R-7-W, Section 19, Directional "S" Curve long step out		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	San Juan 29 Wells		
Site Position:		Northing:	2,094,629 18 ft
From:	Lat/Long	Easting:	582,187 26 ft
Position Uncertainty:	15 0 ft	Slot Radius:	"
		Latitude:	36° 45' 22.272 N
		Longitude:	107° 33' 10.002 W
		Grid Convergence:	0 17 °

Well:	SJ 29-7 #83B, Directional "S" Curve Long, Lewis Included		
Well Position	+N/-S	0 0 ft	Northing:
	+E/-W	0 0 ft	Easting:
Position Uncertainty	15 0 ft	Wellhead Elevation:	ft
		Latitude:	36° 45' 22.272 N
		Longitude:	107° 33' 10.002 W
		Ground Level:	6,828 0 ft

Wellbore:	Principal Wellbore		
Magnetics	Model Name	Sample Date	Declination
	BGGM2009	11/17/2008	10.12
			Dip Angle
			63 61
			Field Strength
			51,037

Design:	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	1 0	0.0	0 0
			Direction
			324 90

Plan Sections											
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)		
0 0	0 00	0 00	0.0	0 0	0 0	0 00	0 00	0 00	0.00		
320 0	0 00	0 00	320 0	0.0	0 0	0 00	0 00	0 00	0 00		
1,142.3	24 67	324 90	1,117.1	142 6	-100 2	3 00	3 00	0 00	324 90		
3,367 1	24 67	324 90	3,138 9	902 3	-634 1	0 00	0 00	0 00	0 00		
4,189 4	0 00	0 00	3,936 0	1,044 9	-734 3	3 00	-3 00	0 00	180 00	SJ 29-7 #83B ICP	
8,465 4	0 00	0 00	8,212 0	1,044 9	-734 3	0 00	0 00	0.00	0 00	SJ 29-7 #83B PCP	

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #83B
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6844.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6844.0ft (H&P 282)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #83B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/S (ft)	+E/W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0 0	0 00	0 00	0 0	0 0	0 0	0 0	0 00	0 00	0 00
100 0	0 00	0 00	100 0	0 0	0 0	0 0	0 00	0 00	0 00
200 0	0 00	0 00	200 0	0 0	0 0	0 0	0 00	0 00	0 00
Surf									
300 0	0 00	0 00	300 0	0 0	0 0	0 0	0 00	0 00	0 00
320 0	0 00	0 00	320 0	0 0	0 0	0 0	0 00	0 00	0 00
400 0	2 40	324 90	400 0	1 4	-1 0	1 7	3 00	3 00	0 00
500 0	5 40	324 90	499 7	6 9	-4 9	8 5	3 00	3 00	0 00
600 0	8 40	324 90	599 0	16 8	-11 8	20 5	3 00	3 00	0 00
700 0	11 40	324 90	697 5	30 8	-21 7	37 7	3 00	3 00	0 00
800 0	14 40	324 90	795 0	49 1	-34 5	60 0	3 00	3 00	0 00
900 0	17 40	324 90	891 1	71 5	-50 3	87 4	3 00	3 00	0 00
1,000 0	20 40	324 90	985 7	98 0	-68 9	119 8	3 00	3 00	0 00
1,100 0	23 40	324 90	1,078 5	128 5	-90 3	157 1	3 00	3 00	0 00
1,142 3	24 67	324 90	1,117 1	142 6	-100 2	174 3	3 00	3 00	0 00
1,200 0	24 67	324 90	1,169 6	162 3	-114 1	198 4	0 00	0 00	0 00
1,300 0	24 67	324 90	1,260 4	196 5	-138 1	240 1	0 00	0 00	0 00
1,400 0	24 67	324 90	1,351 3	230 6	-162 1	281 9	0 00	0 00	0 00
1,500 0	24 67	324 90	1,442 2	264 8	-186 1	323 6	0 00	0 00	0 00
1,600 0	24 67	324 90	1,533 1	298 9	-210 1	365 3	0 00	0 00	0 00
1,700 0	24 67	324 90	1,623 9	333 0	-234 1	407 1	0 00	0 00	0 00
1,800 0	24 67	324 90	1,714 8	367 2	-258 1	448 8	0 00	0 00	0 00
1,900 0	24 67	324 90	1,805 7	401 3	-282 1	490 5	0 00	0 00	0 00
2,000 0	24 67	324 90	1,896 6	435 5	-306 1	532 3	0 00	0 00	0 00
2,100 0	24 67	324 90	1,987 4	469 6	-330 1	574 0	0 00	0 00	0 00
2,200 0	24 67	324 90	2,078 3	503 8	-354 0	615 7	0 00	0 00	0 00
2,300 0	24 67	324 90	2,169 2	537 9	-378 0	657 5	0 00	0 00	0 00
2,400 0	24 67	324 90	2,260 1	572 1	-402 0	699 2	0 00	0 00	0 00
2,500 0	24 67	324 90	2,350 9	606 2	-426 0	741 0	0 00	0 00	0 00
2,600 0	24 67	324 90	2,441 8	640 4	-450 0	782 7	0 00	0 00	0 00
2,700 0	24 67	324 90	2,532 7	674 5	-474 0	824 4	0 00	0 00	0 00
2,800 0	24 67	324 90	2,623 5	708 7	-498 0	866 2	0 00	0 00	0 00
2,900 0	24 67	324 90	2,714 4	742 8	-522 0	907 9	0 00	0 00	0 00
2,965 6	24 67	324 90	2,774 0	765 2	-537 8	935 3	0 00	0 00	0 00
Ojo									
3,000 0	24 67	324 90	2,805 3	776 9	-546 0	949 6	0 00	0 00	0 00
3,093 2	24 67	324 90	2,890 0	808 8	-568 4	988 5	0 00	0 00	0 00
Kirtland									
3,100 0	24 67	324 90	2,896 2	811 1	-570 0	991 4	0 00	0 00	0 00
3,200 0	24 67	324 90	2,987 0	845 2	-594 0	1,033 1	0 00	0 00	0 00
3,300 0	24 67	324 90	3,077 9	879 4	-618 0	1,074 8	0 00	0 00	0 00
3,367 1	24 67	324 90	3,138 9	902 3	-634 1	1,102 9	0 00	0 00	0 00
3,400 0	23 68	324 90	3,168 9	913 3	-641 9	1,116 3	3 00	-3 00	0 00
3,455 4	22 02	324 90	3,220 0	930 9	-654 3	1,137 8	3 00	-3 00	0 00
Fruitland									
3,500 0	20 68	324 90	3,261 5	944 2	-663 6	1,154 1	3 00	-3 00	0 00
3,600 0	17 68	324 90	3,355 9	971 1	-682 5	1,186 9	3 00	-3 00	0 00
3,700 0	14 68	324 90	3,452 0	993 9	-698 5	1,214 8	3 00	-3 00	0 00
3,800 0	11 68	324 90	3,549 3	1,012 5	-711 6	1,237 6	3 00	-3 00	0 00
3,900 0	8 68	324 90	3,647 7	1,027 0	-721 8	1,255 3	3 00	-3 00	0 00
3,940 7	7 46	324 90	3,688 0	1,031 7	-725 1	1,261 0	3 00	-3 00	0 00
Pictured Cliffs									
4,000 0	5 68	324 90	3,746 9	1,037 2	-729 0	1,267 8	3 00	-3 00	0 00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #83B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6844.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6844.0ft (H&P 282)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #83B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,089.3	3.00	324.90	3,836.0	1,042.8	-732.8	1,274.5	3.00	-3.00	0.00
Lewis									
4,100.0	2.68	324.90	3,846.7	1,043.2	-733.1	1,275.1	3.00	-3.00	0.00
4,189.4	0.00	324.90	3,936.0	1,044.9	-734.3	1,277.1	3.00	-3.00	0.00
Inter									
4,200.0	0.00	0.00	3,946.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,300.0	0.00	0.00	4,046.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,400.0	0.00	0.00	4,146.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,500.0	0.00	0.00	4,246.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,600.0	0.00	0.00	4,346.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,699.4	0.00	0.00	4,446.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Huerfano Bentonite									
4,700.0	0.00	0.00	4,446.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,800.0	0.00	0.00	4,546.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,900.0	0.00	0.00	4,646.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
4,972.4	0.00	0.00	4,719.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Chacra									
5,000.0	0.00	0.00	4,746.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,100.0	0.00	0.00	4,846.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,200.0	0.00	0.00	4,946.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,300.0	0.00	0.00	5,046.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,400.0	0.00	0.00	5,146.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,500.0	0.00	0.00	5,246.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,600.0	0.00	0.00	5,346.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,700.0	0.00	0.00	5,446.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,717.4	0.00	0.00	5,464.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Mass. Cliffhouse									
5,800.0	0.00	0.00	5,546.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
5,808.4	0.00	0.00	5,555.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Menefee									
5,900.0	0.00	0.00	5,646.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,000.0	0.00	0.00	5,746.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,100.0	0.00	0.00	5,846.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,137.4	0.00	0.00	5,884.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Point Lookout									
6,200.0	0.00	0.00	5,946.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,300.0	0.00	0.00	6,046.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,400.0	0.00	0.00	6,146.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,500.0	0.00	0.00	6,246.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,525.4	0.00	0.00	6,272.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Mancos									
6,600.0	0.00	0.00	6,346.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,700.0	0.00	0.00	6,446.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,800.0	0.00	0.00	6,546.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
6,805.4	0.00	0.00	6,552.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Upper Gallup									
6,900.0	0.00	0.00	6,646.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,000.0	0.00	0.00	6,746.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,100.0	0.00	0.00	6,846.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,200.0	0.00	0.00	6,946.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,300.0	0.00	0.00	7,046.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,400.0	0.00	0.00	7,146.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
 Company: ConocoPhillips SJB
 Project: San Juan Basin - New Mexico Wells
 Site: San Juan 29 Wells
 Well: SJ 29-7 #83B
 Wellbore: Principal Wellbore
 Design: Plan #1

Local Co-ordinate Reference: Well SJ 29-7 #83B
 TVD Reference: RKB @ 6844 0ft (H&P 282)
 MD Reference: RKB @ 6844 0ft (H&P 282)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,500.0	0.00	0.00	7,246.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,600.0	0.00	0.00	7,346.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,700.0	0.00	0.00	7,446.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,800.0	0.00	0.00	7,546.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
7,900.0	0.00	0.00	7,646.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
8,000.0	0.00	0.00	7,746.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
8,100.0	0.00	0.00	7,846.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
8,139.4	0.00	0.00	7,886.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Greenhorn									
8,195.4	0.00	0.00	7,942.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Graneros									
8,200.0	0.00	0.00	7,946.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
8,261.4	0.00	0.00	8,008.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Two Wells									
8,300.0	0.00	0.00	8,046.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
8,349.4	0.00	0.00	8,096.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Upper cubero									
8,379.4	0.00	0.00	8,126.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Lower Cubero									
8,400.0	0.00	0.00	8,146.6	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
8,425.4	0.00	0.00	8,172.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Encinal									
8,465.4	0.00	0.00	8,212.0	1,044.9	-734.3	1,277.1	0.00	0.00	0.00
Prod									

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
hit/miss target									
Shape									
SJ 29-7 #83B PCP	0.00	0.00	8,212.0	1,045.0	-734.3	2,095,671.90	581,449.90	36° 45' 32.604 N	107° 33' 19.026 W
- plan hits target center									
- Circle (radius 100.0)									
SJ 29-7 #83B ICP	0.00	0.00	3,936.0	1,044.9	-734.3	2,095,671.85	581,449.90	36° 45' 32.604 N	107° 33' 19.026 W
- plan hits target center									
- Circle (radius 100.0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
8,465.4	8,212.0	Prod	4-1/2	6-1/4
200.0	200.0	Surf	9-5/8	12-1/4
4,189.4	3,936.0	Inter	7	8-3/4

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
 Company: ConocoPhillips SJB
 Project: San Juan Basin - New Mexico Wells
 Site: San Juan 29 Wells
 Well: SJ 29-7 #83B
 Wellbore: Principal Wellbore
 Design: Plan #1

Local Co-ordinate Reference: Well SJ 29-7 #83B
 TVD Reference: RKB @ 6844 0ft (H&P 282)
 MD Reference: RKB @ 6844 0ft (H&P 282)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,808 4	5,555 0	Menefee		0 00	
3,093 2	2,890 0	Kirtland		0 00	
6,525 4	6,272 0	Mancos		0 00	
6,805 4	6,552 0	Upper Gallup		0 00	
8,195 4	7,942 0	Graneros		0 00	
6,137 4	5,884 0	Point Lookout		0 00	
8,139 4	7,886 0	Greenhorn		0 00	
3,940 7	3,688 0	Pictured Cliffs		0.00	
8,379 4	8,126 0	Lower Cubero		0 00	
4,972 4	4,719 0	Chacra		0 00	
8,261 4	8,008 0	Two Wells		0 00	
2,965 6	2,774 0	Ojo		0 00	
4,699 4	4,446 0	Huerfano Bentonite		0 00	
8,349 4	8,096 0	Upper cubero		0 00	
5,717 4	5,464 0	Mass Cliffhouse		0 00	
4,089 3	3,836 0	Lewis		0 00	
8,425 4	8,172 0	Encinal		0 00	
3,455 4	3,220 0	Fruitland		0 00	

REFERENCE INFORMATION

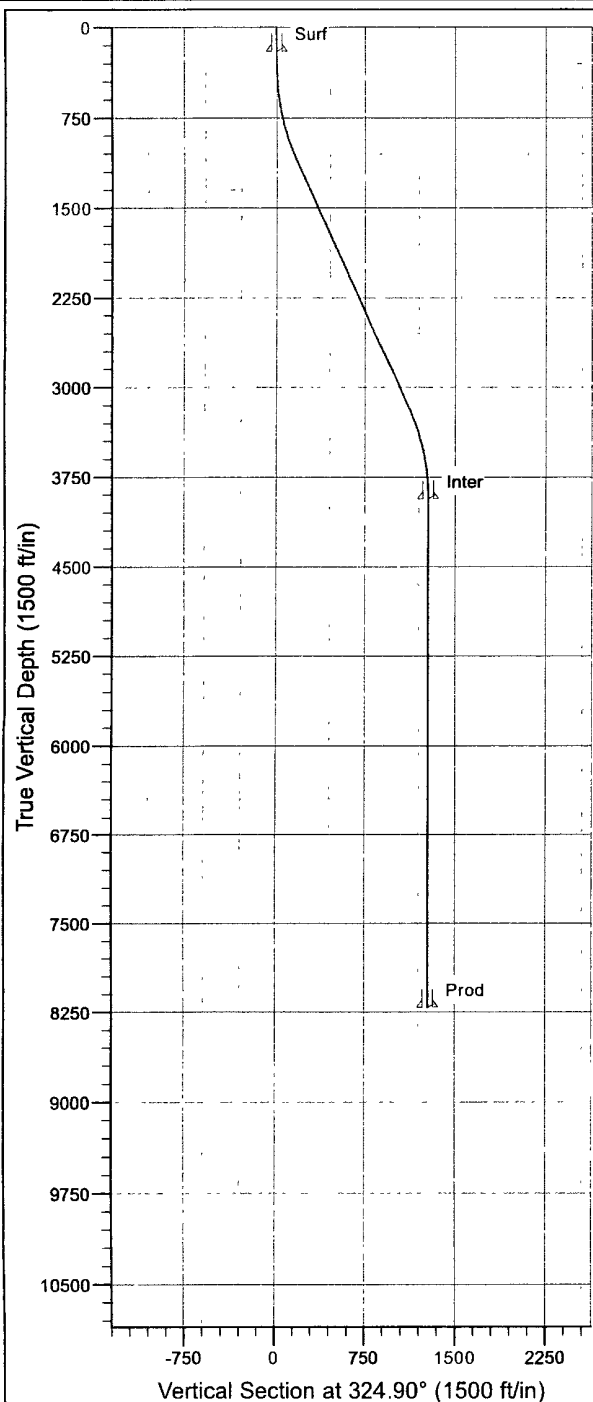
RKB @ 6844.0ft (H&P 282)
Ground Elevation 6828.0
Reference Lat: 36° 45' 22.272 N
Reference Long: 107° 33' 10.002 W

Project: San Juan Basin - New Mexico Wells
Site: San Juan 29 Wells
Well: SJ 29-7 #83B
Wellbore: Principal Wellbore
Design: Plan #1



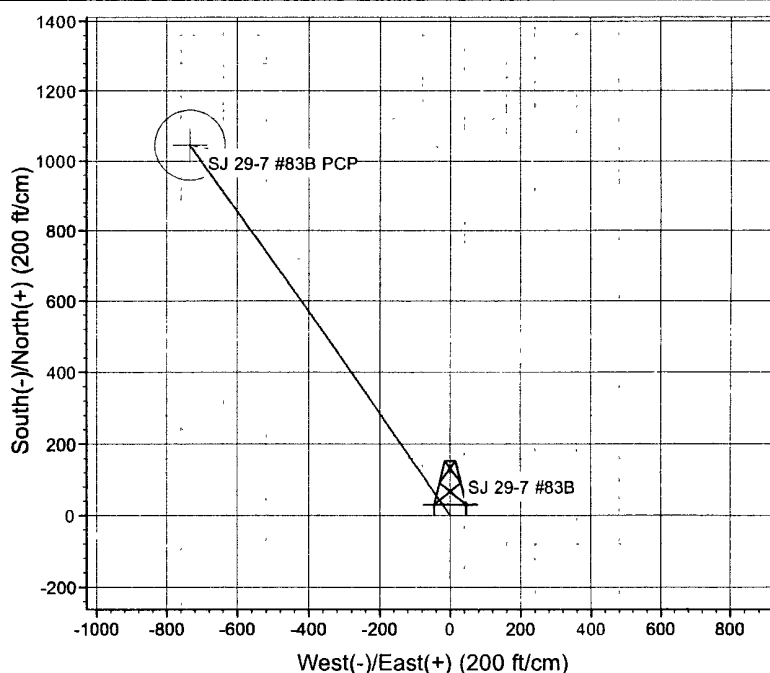
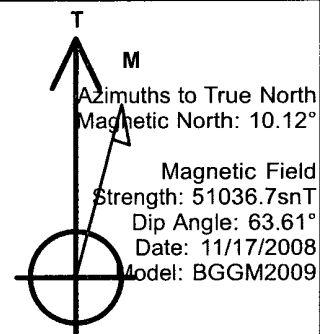
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1142.3	24.67	324.90	1117.1	142.6	-100.2	3.00	324.90	174.3	
4	3367.1	24.67	324.90	3138.9	902.3	-634.1	0.00	0.00	1102.9	
5	4189.4	0.00	0.00	3936.0	1044.9	-734.3	3.00	180.00	1277.1	SJ 29-7 #83B ICP
6	8465.4	0.00	0.00	8212.0	1044.9	-734.3	0.00	0.00	1277.1	SJ 29-7 #83B PCP

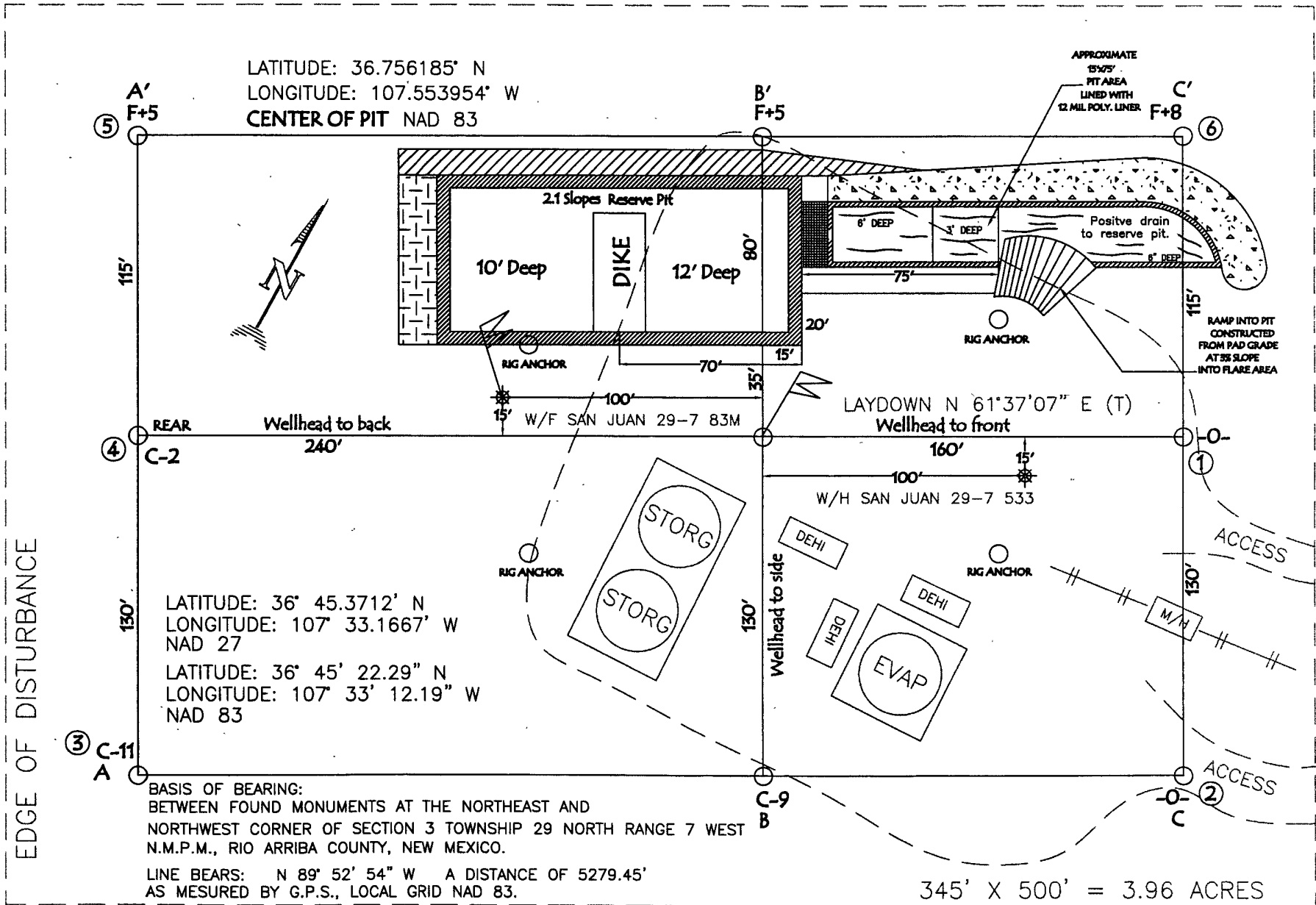


FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2774.0	2965.6	Ojo
2890.0	3093.2	Kirtland
3220.0	3455.4	Fruitland
3688.0	3940.7	Pictured Cliffs
3836.0	4089.3	Lewis
4446.0	4699.4	Huerfano Bentonite
4719.0	4972.4	Chacra
5464.0	5717.4	Mass. Cliffhouse
5555.0	5808.4	Menefee
5884.0	6137.4	Point Lookout
6272.0	6525.4	Mancos
6552.0	6805.4	Upper Gallup
7886.0	8139.4	Greenhorn
7942.0	8195.4	Graneros
8008.0	8261.4	Two Wells
8096.0	8349.4	Upper cubero
8126.0	8379.4	Lower Cubero
8172.0	8425.4	Encinal



BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 29-7 UNIT 83B, 2070' FNL & 1195' FEL
SECTION 3, T-29- N, R-7-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6828', DATE: JUNE 6, 2008



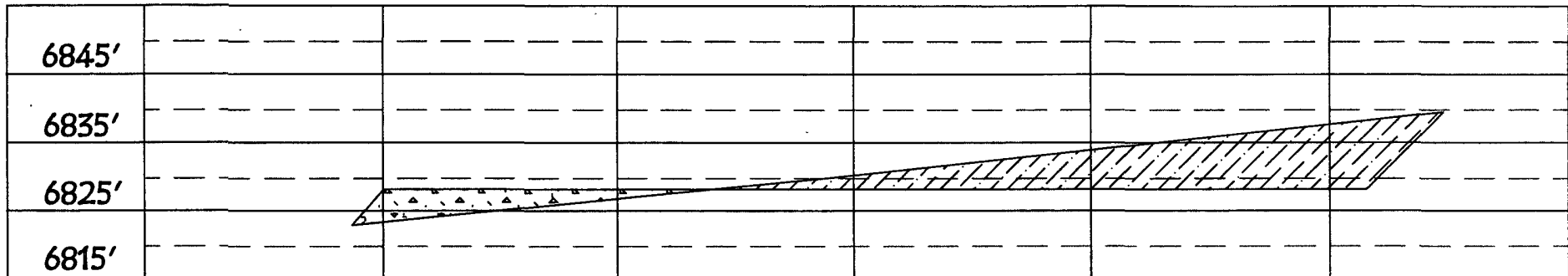
NOTE: VECTOR SURVEYS LLC IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
BEFORE ANY DIRT TO BE PLACED OVER THE (OVERHEAD) WIRE AND/OR ABOVE (UNDERGROUND)

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 29-7 UNIT 83B, 2070' FNL & 1195' FEL
SECTION 3, T-29-N, R-7-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6828', DATE: JUNE 6, 2008

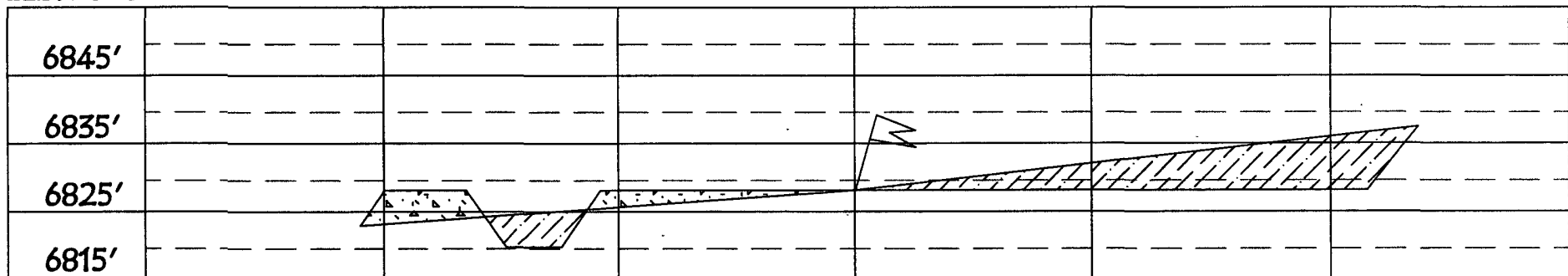
ELEV. A'-A

C/L



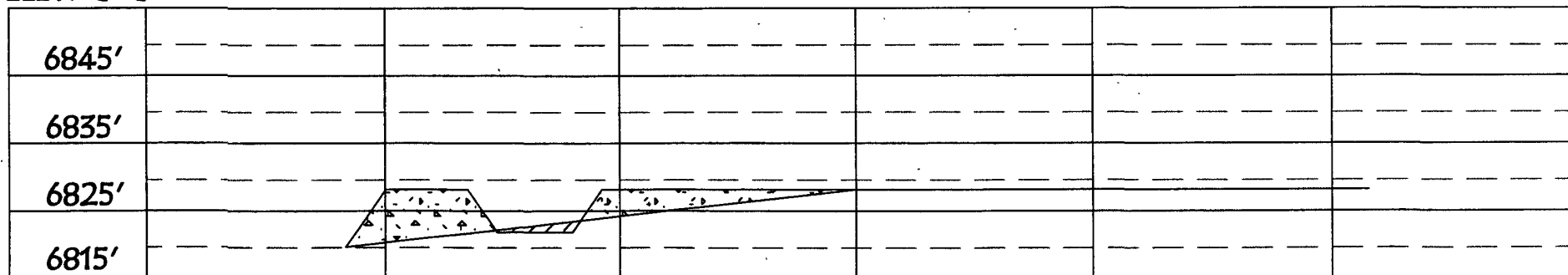
ELEV. B'-B

C/L



ELEV. C'-C

C/L



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

Directions from the Intersection of Hwy 64 & 550
in Bloomfield, NM

to

Burlington Resources Oil & Gas Company LP

SAN JUAN 29-7 UNIT 83B

2070' FNL & 1195' FEL,

Section 3, T29N, R7W, N.M.P.M., Rio Arriba County,

New Mexico

Lat: 36° 45' 22.29" N

Long: 107° 33' 12.19" W

Nad 83

From the Intersection of Hwy 64 & 550

Take Highway 64 East for 24.0 miles to Hwy 539,

Turn left (northerly) on Hwy 539 for 2.2 miles

To Smith Pass Road,

Turn right (easterly) on Smith Pass Road for 3.1 miles,

To the top of Smith Pass,

Turn right @ y-intersec (southeast) 2.5 miles,

Turn right (southerly) 1.1 miles,

Turn left (southerly) 0.3 miles,

to the newly staked location twinned on existing well pad,

SAN JUAN 29-7 UNIT 533.