

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

"as drilled plat"

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039 - 30833		² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT		⁶ Well Number 13 M
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6454'

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	32	30N	6W		1488'	SOUTH	1675'	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. P	Section 32	Township 30N	Range 6W	Lot Idn	Feet from the 887	North/South line SOUTH	Feet from the 677	East/West line EAST	County RIO ARRIBA
12 Dedicated Acres 320.00 ACRES - E/2			13 Joint or Infill		14 Consolidation Code		15 Order No. RCVD JUN 7 '10 OIL CONS. DIV.		

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

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 or a compulsory pooling order heretofore entered by the division.

Signature Tam Lession Date 6/4/10

Tamra Sessions

Printed Name _____

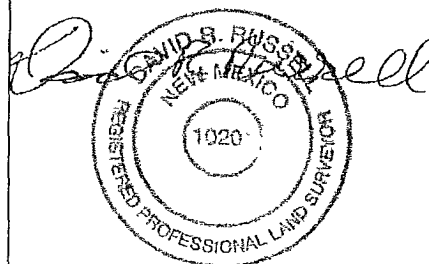
18 SURVEYOR CERTIFICATION

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.

JUNE 22, 2009

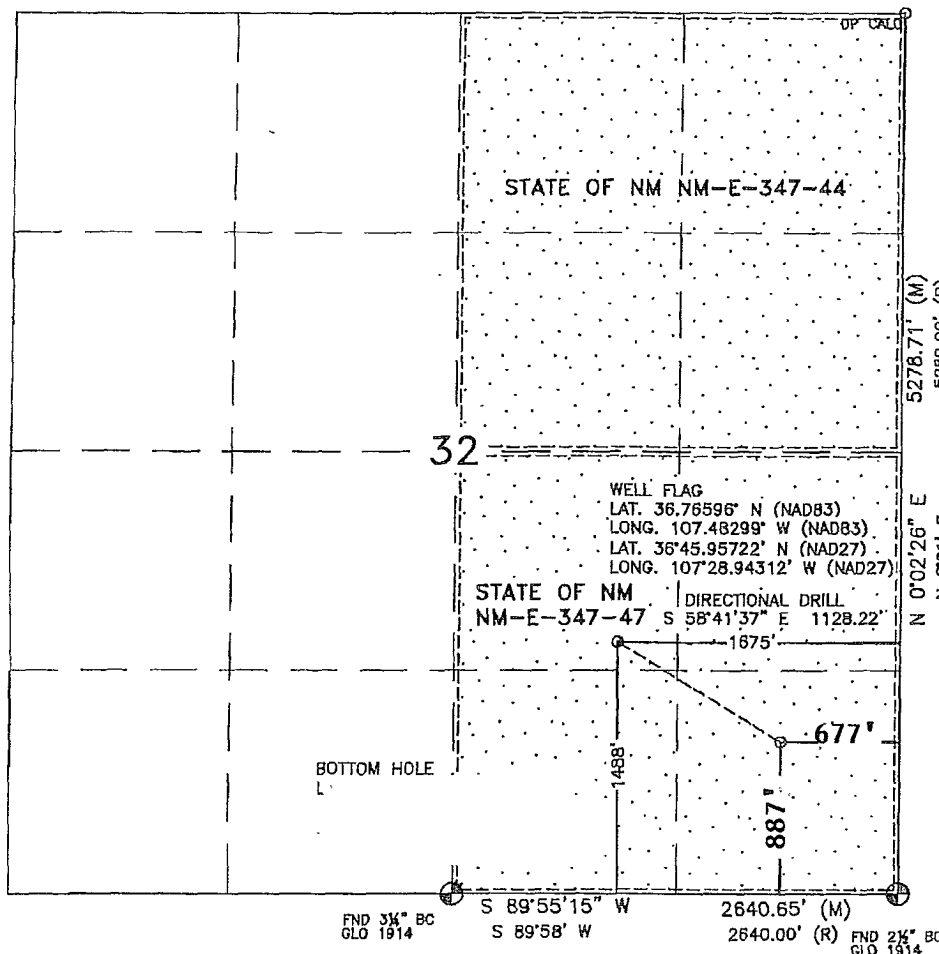
Date of Survey _____

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number 10201





COP Deviation Report

SAN JUAN 30-6 UNIT #13M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #13M	API / UWI 3003930833	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 032-030N-006W-J	N/S Dist (ft) 1,488.00	N/S Ref FSL	E/W Dist (ft) 1,675.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
2/2/2010	230.00	0.00	Inc-WL	MOTE
3/1/2010	249.00	0.62	Inc-MWD	Pathfinder
3/1/2010	271.00	0.62	Inc-MWD	Pathfinder
3/1/2010	302.00	0.18	Inc-MWD	Pathfinder
3/1/2010	333.00	1.49	Inc-MWD	Pathfinder
3/1/2010	365.00	2.81	Inc-MWD	Pathfinder
3/1/2010	396.00	3.87	Inc-MWD	Pathfinder
3/1/2010	427.00	4.92	Inc-MWD	Pathfinder
3/1/2010	458.00	5.63	Inc-MWD	Pathfinder
3/1/2010	489.00	6.16	Inc-MWD	Pathfinder
3/1/2010	520.00	7.03	Inc-MWD	Pathfinder
3/1/2010	551.00	7.74	Inc-MWD	Pathfinder
3/1/2010	583.00	9.32	Inc-MWD	Pathfinder
3/1/2010	613.00	10.64	Inc-MWD	Pathfinder
3/1/2010	644.00	11.87	Inc-MWD	Pathfinder
3/1/2010	674.00	12.84	Inc-MWD	Pathfinder
3/1/2010	705.00	13.63	Inc-MWD	Pathfinder
3/1/2010	736.00	14.33	Inc-MWD	Pathfinder
3/1/2010	767.00	15.30	Inc-MWD	Pathfinder
3/1/2010	797.00	16.44	Inc-MWD	Pathfinder
3/1/2010	828.00	17.67	Inc-MWD	Pathfinder
3/1/2010	858.00	18.73	Inc-MWD	Pathfinder
3/1/2010	889.00	19.35	Inc-MWD	Pathfinder
3/1/2010	919.00	19.87	Inc-MWD	Pathfinder
3/1/2010	950.00	20.58	Inc-MWD	Pathfinder
3/1/2010	981.00	21.46	Inc-MWD	Pathfinder
3/1/2010	1,011.00	22.25	Inc-MWD	Pathfinder
3/1/2010	1,042.00	22.95	Inc-MWD	Pathfinder
3/1/2010	1,073.00	23.74	Inc-MWD	Pathfinder
3/1/2010	1,104.00	24.62	Inc-MWD	Pathfinder
3/1/2010	1,135.00	25.68	Inc-MWD	Pathfinder
3/1/2010	1,166.00	26.38	Inc-MWD	Pathfinder
3/1/2010	1,196.00	27.44	Inc-MWD	Pathfinder
3/1/2010	1,227.00	28.75	Inc-MWD	Pathfinder
3/1/2010	1,258.00	29.46	Inc-MWD	Pathfinder

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

SAN JUAN 30-6 UNIT #13M

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/1/2010	1,288.00	29.37	Inc-MWD	Pathfinder	
3/1/2010	1,354.00	28.84	Inc-MWD	Pathfinder	
3/1/2010	1,417.00	27.61	Inc-MWD	Pathfinder	
3/1/2010	1,511.00	26.29	Inc-MWD	Pathfinder	
3/1/2010	1,543.00	26.20	Inc-MWD	Pathfinder	
3/1/2010	1,605.00	27.35	Inc-MWD	Pathfinder	
3/1/2010	1,700.00	29.46	Inc-MWD	Pathfinder	
3/1/2010	1,794.00	29.28	Inc-MWD	Pathfinder	
3/1/2010	1,857.00	28.40	Inc-MWD	Pathfinder	
3/2/2010	1,952.00	28.40	Inc-MWD	Pathfinder	
3/2/2010	2,047.00	27.79	Inc-MWD	Pathfinder	
3/2/2010	2,142.00	26.82	Inc-MWD	Pathfinder	
3/2/2010	2,237.00	26.29	Inc-MWD	Pathfinder	
3/2/2010	2,332.00	26.20	Inc-MWD	Pathfinder	
3/2/2010	2,428.00	25.68	Inc-MWD	Pathfinder	
3/2/2010	2,522.00	24.89	Inc-MWD	Pathfinder	
3/2/2010	2,617.00	24.71	Inc-MWD	Pathfinder	
3/2/2010	2,712.00	24.97	Inc-MWD	Pathfinder	
3/2/2010	2,806.00	24.97	Inc-MWD	Pathfinder	
3/2/2010	2,838.00	24.62	Inc-MWD	Pathfinder	
3/2/2010	2,870.00	23.74	Inc-MWD	Pathfinder	
3/2/2010	2,902.00	22.86	Inc-MWD	Pathfinder	
3/2/2010	2,933.00	21.90	Inc-MWD	Pathfinder	
3/2/2010	2,965.00	21.28	Inc-MWD	Pathfinder	
3/2/2010	2,996.00	20.40	Inc-MWD	Pathfinder	
3/2/2010	3,028.00	19.43	Inc-MWD	Pathfinder	
3/2/2010	3,059.00	18.47	Inc-MWD	Pathfinder	
3/2/2010	3,091.00	17.50	Inc-MWD	Pathfinder	
3/2/2010	3,122.00	16.36	Inc-MWD	Pathfinder	
3/2/2010	3,154.00	15.48	Inc-MWD	Pathfinder	
3/2/2010	3,185.00	14.86	Inc-MWD	Pathfinder	
3/2/2010	3,217.00	14.33	Inc-MWD	Pathfinder	
3/2/2010	3,248.00	13.98	Inc-MWD	Pathfinder	
3/2/2010	3,280.00	13.45	Inc-MWD	Pathfinder	
3/2/2010	3,311.00	12.84	Inc-MWD	Pathfinder	
3/2/2010	3,343.00	11.61	Inc-MWD	Pathfinder	
3/2/2010	3,374.00	9.94	Inc-MWD	Pathfinder	
3/2/2010	3,406.00	8.27	Inc-MWD	Pathfinder	
3/2/2010	3,469.00	6.95	Inc-MWD	Pathfinder	

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/3/2010	3,532.00	4.75	Inc-MWD	Pathfinder
3/3/2010	3,626.00	3.96	Inc-MWD	Pathfinder
3/3/2010	3,753.00	3.78	Inc-MWD	Pathfinder
3/3/2010	3,784.00	3.52	Inc-MWD	Pathfinder
3/3/2010	3,838.00	3.52	Inc-MWD	Pathfinder
3/23/2010	8,047.00	1.25	Inc-WL	PHOENIX

RCVD JUN 7 '10

OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

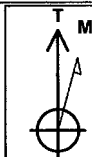
[Signature]

Subscribed and sworn to me this 6/3/10

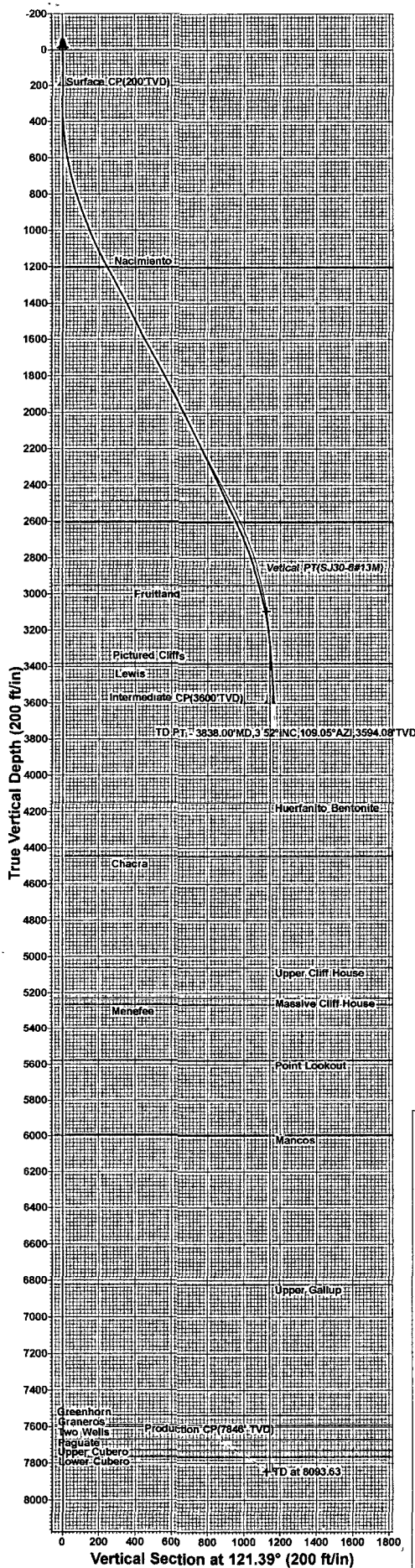
[Signature: Tammie D. Sessions]

Notary Public in and for San Juan County, New Mexico

My Commission expires 2/8/12

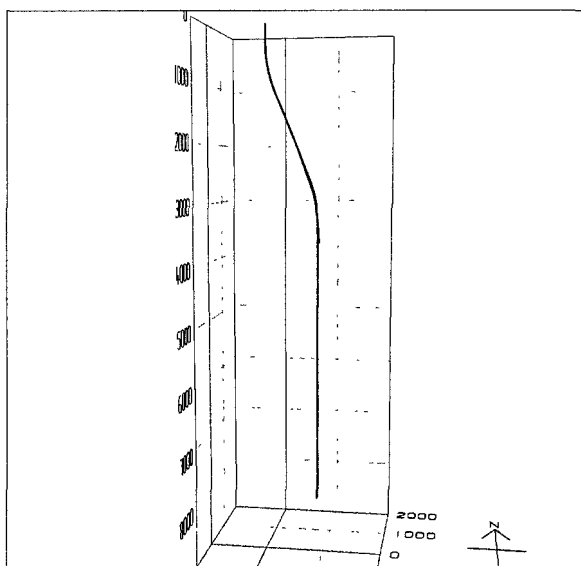
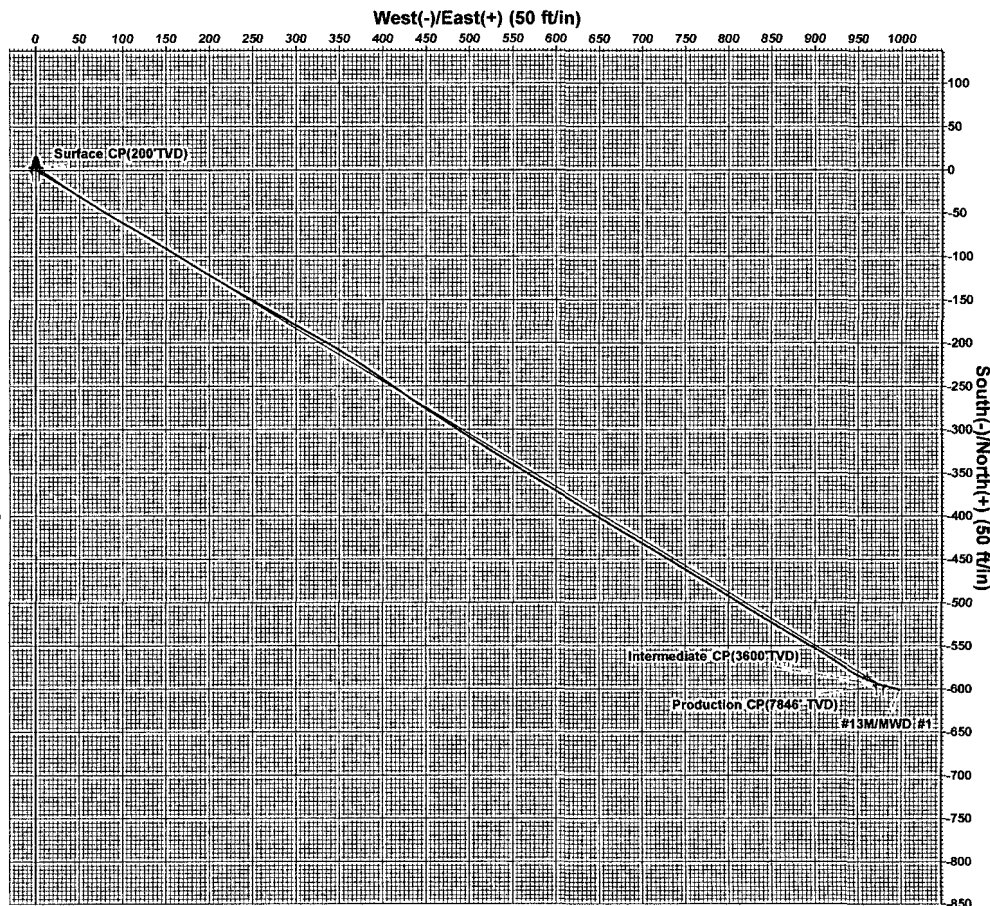


Azimuths to True North
Magnetic North: 9.95°
Magnetic Field
Strength: 51052.0nT
Dip Angle: 63.61°
Date: 01/27/2010
Model: BGGM 2009



WELL DETAILS #13M						
Ground Elevation 6455.00						
RKB Elevation, WELL @ 5470.00ft (AWS 711 15' KB Correction)						
Rig Name, AWS 711 15' KB Correction						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0 00	0 00	2100353.436	139022.814	36° 45' 57.435 N	107° 28' 56.587 W	

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	
2	300.00	0 00	0 00	300 00	0 00	0 00	0 00	0 00	0 00	
3	1152.21	27.70	121.39	1119.41	-105.22	172.43	3.25	121.39	202.00	
4	2740.77	27.70	121.39	2525.95	-489.82	802.71	0 00	0 00	940.35	
5	3346.83	8 00	121.39	3100 00	-586.10	960.50	3.25	180 00	1125.20	
6	3592.98	0 00	0 00	3345.35	-595.04	975.15	3.25	180 00	1142.36	
7	8093.63	0 00	0 00	7846 00	-595.04	975.15	0 00	0 00	1142.36	PRH1(SJ30-5#13M)



PROJECT DETAILS: Rio Arriba County(NAD27)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico Central 3002
System Datum: Mean Sea Level
Local North: True

Plan: Plan #5 8" @ 3100'TVD (#13M/8-Well)
Created By: Nate Blingham Date: 10:02, March 04 2010
Checked: Date:



Conoco Phillips

Rio Arriba County(NAD27)

San Juan 30-6

#13M

S-Well

Survey: MWD #1

Standard Survey Report

04 March, 2010

PATHFINDER

Company:	Conoco Phillips	Local Co-ordinate Reference:	Well #13M
Project:	Rio Arriba County(NAD27)	TVD Reference:	WELL @ 6470.00ft (AWS 711 15' KB Correction)
Site:	San Juan 30-6	MD Reference:	WELL @ 6470.00ft (AWS 711 15' KB Correction)
Well:	#13M	North Reference:	True
Wellbore:	S-Well	Survey Calculation Method:	Minimum Curvature
Design:	S-Well	Database:	Midland Database

Project	Rio Arriba County(NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico Central 3002		

Site	San Juan 30-6		
Site Position:		Northing:	2,102,035.511 ft
From:	Lat/Long	Easting:	108,396.412 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	36° 46' 10.000 N
		Longitude:	107° 35' 13.200 W
		Grid Convergence:	-0.80 °

Well	#13M		
Well Position	+N/-S	0.00 ft	Northing: 2,100,353.436 ft
	+E/-W	0.00 ft	Easting: 139,022.814 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	36° 45' 57.435 N
		Longitude:	107° 28' 56.587 W
		Ground Level:	6,455.00 ft

Wellbore	S-Well				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	01/27/2010	9.95	63.61	51,052

Design	S-Well			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	121.05

Survey Program	Date 03/04/2010			
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
249.00	3,838.00	MWD #1 (S-Well)	MWD	MWD - Standard

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
249.00	0.62	328.61	249.00	1.15	-0.70	-1.19	0.25	0.25	0.00
271.00	0.62	323.96	270.99	1.35	-0.83	-1.41	0.23	0.00	-21.14
302.00	0.18	32.68	301.99	1.52	-0.91	-1.56	1.87	-1.42	221.68
333.00	1.49	111.53	332.99	1.42	-0.50	-1.16	4.73	4.23	254.35
365.00	2.81	112.38	364.97	0.97	0.61	0.02	4.13	4.12	2.66
396.00	3.87	113.77	395.91	0.26	2.27	1.81	3.43	3.42	4.48
427.00	4.92	112.69	426.82	-0.68	4.45	4.16	3.40	3.39	-3.48
458.00	5.63	115.21	457.69	-1.84	7.05	6.99	2.41	2.29	8.13
489.00	6.16	118.70	488.53	-3.29	9.89	10.17	2.06	1.71	11.26
520.00	7.03	123.27	519.32	-5.13	12.93	13.72	3.28	2.81	14.74
551.00	7.74	126.18	550.06	-7.40	16.20	17.70	2.59	2.29	9.39
583.00	9.32	126.38	581.71	-10.21	20.03	22.43	4.94	4.94	0.62

Company:	Conoco Phillips	Local Co-ordinate Reference:	Well #13M
Project:	Rio Arriba County(NAD27)	TVD Reference:	WELL @ 6470.00ft (AWS 711 15' KB Correction)
Site:	San Juan 30-6	MD Reference:	WELL @ 6470.00ft (AWS 711 15' KB Correction)
Well:	#13M	North Reference:	True
Wellbore:	S-Well	Survey Calculation Method:	Minimum Curvature
Design:	S-Well	Database:	Midland Database

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)	
613.00	10.64	125.65	611.25	-13.26	24.24	27.60	4.42	4.40	-2.43	
644.00	11.87	124.46	641.66	-16.74	29.19	33.64	4.04	3.97	-3.84	
674.00	12.84	123.59	670.96	-20.33	34.51	40.05	3.29	3.23	-2.90	
705.00	13.63	122.51	701.14	-24.19	40.46	47.14	2.67	2.55	-3.48	
736.00	14.33	122.35	731.22	-28.21	46.78	54.63	2.26	2.26	-0.52	
767.00	15.30	121.94	761.19	-32.43	53.50	62.56	3.15	3.13	-1.32	
797.00	16.44	122.18	790.05	-36.78	60.45	70.76	3.81	3.80	0.80	
828.00	17.67	122.52	819.68	-41.65	68.13	79.85	3.98	3.97	1.10	
858.00	18.73	122.64	848.18	-46.69	76.02	89.21	3.54	3.53	0.40	
889.00	19.35	121.39	877.48	-52.05	84.60	99.32	2.39	2.00	-4.03	
919.00	19.87	120.23	905.74	-57.21	93.25	109.39	2.17	1.73	-3.87	
950.00	20.58	119.62	934.83	-62.55	102.53	120.11	2.39	2.29	-1.97	
981.00	21.46	119.68	963.77	-68.05	112.20	131.22	2.84	2.84	0.19	
1,011.00	22.25	120.40	991.61	-73.65	121.86	142.39	2.78	2.63	2.40	
1,042.00	22.95	120.96	1,020.23	-79.73	132.11	154.30	2.36	2.26	1.81	
1,073.00	23.74	122.10	1,048.69	-86.15	142.58	166.58	2.94	2.55	3.68	
1,104.00	24.62	121.98	1,076.97	-92.89	153.34	179.28	2.84	2.84	-0.39	
1,135.00	25.68	122.16	1,105.04	-99.88	164.51	192.45	3.43	3.42	0.58	
1,166.00	26.38	121.89	1,132.89	-107.10	176.04	206.06	2.29	2.26	-0.87	
1,196.00	27.44	121.30	1,159.64	-114.21	187.61	219.63	3.64	3.53	-1.97	
1,227.00	28.75	120.41	1,186.99	-121.69	200.14	234.23	4.44	4.23	-2.87	
1,258.00	29.46	120.90	1,214.07	-129.38	213.11	249.31	2.42	2.29	1.58	
1,288.00	29.37	120.08	1,240.21	-136.86	225.81	264.04	1.38	-0.30	-2.73	
1,354.00	28.84	119.81	1,297.87	-152.88	253.62	296.14	0.83	-0.80	-0.41	
1,417.00	27.61	119.49	1,353.38	-167.62	279.52	325.92	1.97	-1.95	-0.51	
1,511.00	26.29	119.77	1,437.17	-188.68	316.55	368.51	1.41	-1.40	0.30	
1,543.00	26.20	119.86	1,465.87	-195.72	328.82	382.66	0.31	-0.28	0.28	
1,605.00	27.35	121.49	1,521.22	-209.97	352.84	410.59	2.20	1.85	2.63	
1,700.00	29.46	125.22	1,604.79	-234.85	390.54	455.72	2.90	2.22	3.93	
1,794.00	29.28	125.06	1,686.71	-261.39	428.24	501.70	0.21	-0.19	-0.17	
1,857.00	28.40	123.39	1,741.89	-278.48	453.36	532.04	1.89	-1.40	-2.65	
1,952.00	28.40	122.27	1,825.46	-302.98	491.33	577.20	0.56	0.00	-1.18	
2,047.00	27.79	122.51	1,909.27	-326.94	529.11	621.93	0.65	-0.64	0.25	
2,142.00	26.82	121.52	1,993.68	-350.05	566.05	665.50	1.13	-1.02	-1.04	
2,237.00	26.29	121.25	2,078.66	-372.17	602.31	707.97	0.57	-0.56	-0.28	
2,332.00	26.20	121.65	2,163.87	-394.09	638.15	749.98	0.21	-0.09	0.42	
2,428.00	25.68	121.30	2,250.19	-416.01	673.96	791.97	0.56	-0.54	-0.36	
2,522.00	24.89	120.72	2,335.19	-436.70	708.37	832.12	0.88	-0.84	-0.62	
2,617.00	24.71	121.68	2,421.43	-457.34	742.45	871.96	0.46	-0.19	1.01	
2,712.00	24.97	121.15	2,507.64	-478.14	776.51	911.87	0.36	0.27	-0.56	
2,806.00	24.97	121.87	2,592.85	-498.88	810.34	951.55	0.32	0.00	0.77	
2,838.00	24.62	121.04	2,621.90	-505.88	821.79	964.97	1.54	-1.09	-2.59	
2,870.00	23.74	121.77	2,651.09	-512.71	832.98	978.08	2.90	-2.75	2.28	
2,902.00	22.86	121.34	2,680.48	-519.34	843.76	990.73	2.80	-2.75	-1.34	
2,933.00	21.90	120.90	2,709.15	-525.44	853.87	1,002.53	3.14	-3.10	-1.42	
2,965.00	21.28	120.65	2,738.90	-531.46	863.98	1,014.31	1.96	-1.94	-0.78	
2,996.00	20.40	120.16	2,767.87	-537.04	873.49	1,025.34	2.89	-2.84	-1.58	
3,028.00	19.43	120.13	2,797.96	-542.52	882.92	1,036.24	3.03	-3.03	-0.09	
3,059.00	18.47	120.33	2,827.28	-547.59	891.62	1,046.30	3.10	-3.10	0.65	
3,091.00	17.50	121.41	2,857.72	-552.65	900.10	1,056.18	3.21	-3.03	3.37	
3,122.00	16.36	121.58	2,887.37	-557.37	907.80	1,065.21	3.68	-3.68	0.55	
3,154.00	15.48	122.78	2,918.14	-562.04	915.23	1,073.98	2.94	-2.75	3.75	
3,185.00	14.86	124.09	2,948.06	-566.51	922.00	1,082.09	2.29	-2.00	4.23	
3,217.00	14.33	124.42	2,979.03	-571.05	928.66	1,090.14	1.68	-1.66	1.03	

Company:	Conoco Phillips	Local Co-ordinate Reference:	Well #13M
Project:	Rio Arriba County(NAD27)	TVD Reference:	WELL @ 6470.00ft (AWS 711 15' KB Correction)
Site:	San Juan 30-6	MD Reference:	WELL @ 6470.00ft (AWS 711 15' KB Correction)
Well:	#13M	North Reference:	True
Wellbore:	S-Well	Survey Calculation Method:	Minimum Curvature
Design:	S-Well	Database:	Midland Database

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)
3,248.00	13.98	123.17	3,009.09	-575.26	934.96	1,097.71	1.50	-1.13	-4.03
3,280.00	13.45	121.52	3,040.18	-579.33	941.37	1,105.30	2.06	-1.66	-5.16
3,311.00	12.84	118.07	3,070.37	-582.83	947.48	1,112.34	3.21	-1.97	-11.13
3,343.00	11.61	115.27	3,101.64	-585.88	953.53	1,119.10	4.27	-3.84	-8.75
3,374.00	9.94	111.86	3,132.09	-588.21	958.84	1,124.84	5.76	-5.39	-11.00
3,406.00	8.27	111.70	3,163.69	-590.09	963.54	1,129.84	5.22	-5.22	-0.50
3,469.00	6.95	113.07	3,226.13	-593.26	971.25	1,138.08	2.11	-2.10	2.17
3,532.00	4.75	104.21	3,288.80	-595.39	977.29	1,144.36	3.76	-3.49	-14.06
3,626.00	3.96	101.94	3,382.53	-597.02	984.24	1,151.15	0.86	-0.84	-2.41
3,753.00	3.78	105.02	3,509.24	-599.01	992.57	1,159.31	0.22	-0.14	2.43
3,784.00	3.52	109.05	3,540.18	-599.58	994.46	1,161.23	1.18	-0.84	13.00
3,838.00	3.52	109.05	3,594.08	-600.67	997.59	1,164.47	0.00	0.00	0.00
TD PT - 3838.00' MD, 3.52° INC, 109.05° AZI, 3594.08' TVD									

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									

Vertical PT(SJ30-6#13) 0.00 0.00 3,094.00 -586.10 960.50 2,099,755.017 139,975.688 36° 45' 51.639 N 107° 28' 44.784 W
 - survey misses target center by 8.29ft at 3336.87ft MD (3095.64 TVD, -585.34 N, 952.41 E)
 - Point

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,838.00	3,594.08	-600.67	997.59	TD PT - 3838.00' MD, 3.52° INC, 109.05° AZI, 3594.08' TVD

Checked By: _____ Approved By: _____ Date: _____

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 02/28/2010
Date Completed: 03/03/2010

BURLINGTON RESOURCES OIL & GAS COMPANY LP.
SAN JUAN 30-6 #13M
RIO ARriba COUNTY, NM
Rig:AWS #711
PathFinder Office Supervisor: Tom Schmidt
PathFinder Field Engineers:Justin Hawkins
Tim Stackhouse

Survey Horiz. Reference:WELLHEAD
Ref Coordinates: LAT:36.45.57.4344 N LON:107.28.56.5860 W
GRID Reference:NAD27 new mexico central Transverse Mercator
Ref GRID Coord: X: 139022.9006 Y: 2100353.4145
North Aligned To:TRUE NORTH
Total Magnetic Correction: 9.95° EAST TO TRUE
Vertical Section Plane: 121.39
Survey Vert. Reference: 15.00' Kelly Bushing To Ground
Altitude:6455.00' Ground To MSL

Measured Depth	3838.00	(feet)
Inclination	3.52	(deg)
Azimuth	109.05	(deg)
True Vertical Depth	3594.08	(feet)
Vertical Section	1164.45	(feet)
Survey X cord	140020.49	(feet)
Survey Y cord	2099752.75	(feet)
Survey Lat	36.76433961 N	(deg)
Survey Lon	107.47895357 W	(deg)
Rectangular Corr. N/S	600.66 S	(feet)
Rectangular Corr. E/W	997.59 E	(feet)
Closure Distance	1164.47	(feet)
Direction of Closure	121.05	(deg)
Dogleg Severity	0.00	(deg/100ft)