

## 1 General

### 1.1 Customer Information

Company	PICEANCE VLY
Representative	
Address	

### 1.2 Well Information

Well	SG 313-35	Wellbore No.	
Well Name	SG 313-35	Common Name	SG 313-35
Project	SG 35-07S-096W	Site	SG 13-35 Pad
Vertical Section Azimuth	10.07 (°)	North Reference	True
Origin N/S		Origin E/W	
Spud Date	12/8/2011	UWI	SG 313-35
Active Datum	KB @5,403.0ft (above Mean Sea Level)		

## 2 Survey Name

### 2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	Mostar
Started	12/8/2011	Ended	
Tool Name	MWD	Engineer	clint

#### 2.1.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
0.0	0.00	0.00	0.00	0.00	0.00

#### 2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
12/8/2011	Tie On	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/2011	NORMAL	89.0	0.67	325.76	89.00	0.43	-0.29	0.37	0.75	0.75	0.00	325.76
	NORMAL	150.0	2.28	326.26	149.98	1.73	-1.17	1.50	2.64	2.64	0.82	0.71
	NORMAL	242.0	4.00	322.53	241.83	5.80	-4.14	4.99	1.88	1.87	-4.05	351.36
	NORMAL	334.0	6.73	317.69	333.42	12.34	-9.72	10.45	3.01	2.97	-5.26	348.17
	NORMAL	425.0	8.80	317.60	423.58	21.42	-18.00	17.94	2.27	2.27	-0.10	359.62
12/9/2011	NORMAL	516.0	10.40	326.70	513.31	33.54	-27.28	28.16	2.42	1.76	10.00	48.03
	NORMAL	608.0	11.50	325.90	603.63	48.07	-36.98	40.87	1.21	1.20	-0.87	351.74
	NORMAL	699.0	12.70	326.00	692.61	63.88	-47.66	54.56	1.32	1.32	0.11	1.05
	NORMAL	790.0	12.60	328.10	781.40	80.60	-58.50	69.13	0.52	-0.11	2.31	103.29
	NORMAL	882.0	13.40	326.40	871.04	98.00	-69.70	84.30	0.96	0.87	-1.85	333.62
	NORMAL	973.0	14.30	325.10	959.39	116.00	-81.97	99.88	1.05	0.99	-1.43	340.29
	NORMAL	1,005.0	14.60	326.20	990.38	122.59	-86.47	105.58	1.27	0.94	3.44	42.99
12/10/2011	NORMAL	1,066.0	14.80	324.80	1,049.38	135.35	-95.24	116.61	0.67	0.33	-2.30	298.70
	NORMAL	1,160.0	13.30	325.30	1,140.57	154.05	-108.32	132.73	1.60	-1.60	0.53	175.62
	NORMAL	1,254.0	12.60	325.30	1,232.18	171.37	-120.31	147.69	0.74	-0.74	0.00	180.00
	NORMAL	1,349.0	12.40	323.90	1,324.93	188.13	-132.22	162.11	0.38	-0.21	-1.47	235.89
	NORMAL	1,443.0	10.60	322.70	1,417.04	203.16	-143.40	174.96	1.93	-1.91	-1.28	186.98
	NORMAL	1,537.0	10.10	324.10	1,509.51	216.71	-153.48	186.54	0.60	-0.53	1.49	153.98
	NORMAL	1,631.0	9.30	325.30	1,602.16	229.63	-162.63	197.66	0.88	-0.85	1.28	166.41
	NORMAL	1,820.0	9.20	330.90	1,788.67	255.91	-178.33	220.78	0.24	-0.21	0.74	150.85

## 2.1.2 Survey Stations (Continued)

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
12/10/2011	NORMAL	1,914.0	8.90	329.00	1,881.50	268.70	-185.73	232.09	0.45	-0.32	-2.02	223.96
	NORMAL	2,008.0	8.30	328.00	1,974.44	280.69	-193.07	242.61	0.66	-0.64	-1.06	193.50
	NORMAL	2,102.0	8.30	328.30	2,067.45	292.22	-200.23	252.71	0.05	0.00	0.32	90.15
	NORMAL	2,197.0	8.00	325.30	2,161.49	303.49	-207.60	262.51	0.55	-0.32	-3.16	233.32
	NORMAL	2,291.0	7.70	326.90	2,254.61	314.14	-214.76	271.75	0.39	-0.32	1.70	144.72
	NORMAL	2,385.0	8.30	328.30	2,347.70	325.19	-221.76	281.40	0.67	0.64	1.49	18.68
	NORMAL	2,479.0	8.10	326.60	2,440.74	336.49	-228.97	291.27	0.33	-0.21	-1.81	229.64
	NORMAL	2,573.0	8.20	324.80	2,533.79	347.50	-236.48	300.79	0.29	0.11	-1.91	290.51
	NORMAL	2,668.0	7.80	323.40	2,627.86	358.21	-244.23	309.98	0.47	-0.42	-1.47	205.28
	NORMAL	2,762.0	8.20	327.40	2,720.95	368.97	-251.65	319.29	0.73	0.43	4.26	56.29
	NORMAL	2,856.0	7.60	324.30	2,814.06	379.67	-258.89	328.56	0.78	-0.64	-3.30	213.85
	NORMAL	2,950.0	6.80	322.20	2,907.32	389.12	-265.92	336.62	0.90	-0.85	-2.23	197.17
	NORMAL	3,045.0	6.20	319.50	3,001.70	397.46	-272.70	343.66	0.71	-0.63	-2.84	205.66
	NORMAL	3,139.0	5.50	321.10	3,095.21	404.83	-278.83	349.84	0.76	-0.74	1.70	167.68
	NORMAL	3,233.0	5.70	334.80	3,188.77	412.56	-283.64	356.61	1.43	0.21	14.57	88.35
	NORMAL	3,327.0	5.60	330.60	3,282.31	420.78	-287.88	363.96	0.45	-0.11	-4.47	254.32
	NORMAL	3,421.0	4.70	331.30	3,375.93	428.15	-291.98	370.50	0.96	-0.96	0.74	176.35
	NORMAL	3,515.0	3.90	347.10	3,469.67	434.64	-294.55	376.45	1.51	-0.85	16.81	131.74
	NORMAL	3,609.0	2.00	346.90	3,563.54	439.36	-295.63	380.90	2.02	-2.02	-0.21	180.21
	NORMAL	3,704.0	1.40	328.80	3,658.50	441.97	-296.61	383.29	0.84	-0.63	-19.05	213.02
	NORMAL	3,798.0	2.40	354.10	3,752.45	444.91	-297.41	386.05	1.36	1.06	26.91	53.10
12/10/2011	NORMAL	1,726.0	9.40	330.20	1,695.90	242.68	-170.86	209.06	0.84	0.11	5.16	85.26
12/11/2011	NORMAL	3,892.0	1.90	359.40	3,846.38	448.42	-297.63	389.47	0.57	-0.53	5.64	160.95
	NORMAL	3,986.0	2.40	350.10	3,940.32	451.92	-297.98	392.85	0.65	0.53	-9.89	320.39
	NORMAL	4,080.0	2.20	346.80	4,034.24	455.61	-298.73	396.36	0.26	-0.21	-3.51	211.87
	NORMAL	4,175.0	1.90	342.80	4,129.18	458.89	-299.61	399.44	0.35	-0.32	-4.21	203.51
	NORMAL	4,269.0	1.70	342.80	4,223.13	461.71	-300.49	402.06	0.21	-0.21	0.00	180.00
	NORMAL	4,363.0	0.40	249.20	4,317.12	462.93	-301.21	403.13	1.88	-1.38	-99.57	193.03
	NORMAL	4,458.0	1.00	184.70	4,412.11	461.99	-301.58	402.14	0.95	0.63	-67.89	271.94
	NORMAL	4,552.0	0.90	203.90	4,506.10	460.49	-301.95	400.60	0.35	-0.11	20.43	116.88
	NORMAL	4,646.0	0.90	233.90	4,600.09	459.38	-302.85	399.35	0.50	0.00	31.91	105.00
	NORMAL	4,740.0	0.80	257.30	4,694.08	458.80	-304.08	398.57	0.38	-0.11	24.89	117.56
	NORMAL	4,835.0	0.60	273.30	4,789.07	458.69	-305.23	398.25	0.29	-0.21	16.84	143.47
	NORMAL	4,929.0	0.80	237.60	4,883.07	458.36	-306.27	397.75	0.50	0.21	-37.98	276.07
	NORMAL	5,023.0	1.20	257.50	4,977.05	457.80	-307.79	396.93	0.56	0.43	21.17	51.20
	NORMAL	5,117.0	1.60	261.90	5,071.02	457.40	-310.05	396.14	0.44	0.43	4.68	17.25
	NORMAL	5,211.0	1.90	255.40	5,164.98	456.82	-312.85	395.08	0.38	0.32	-6.91	323.23
	NORMAL	5,277.0	1.90	263.10	5,230.94	456.42	-315.00	394.31	0.39	0.00	11.67	93.85
12/12/2011	NORMAL	5,322.0	1.90	263.10	5,275.92	456.13	-316.41	393.87	0.00	0.00	0.00	0.00