

Nearburg Producing Co.

Glass, Well No. 7 D-A #1A
Eddy County, New Mexico
Sec. 7-19S-26E
Quote No. 042711142

RECEIVED

MAY 03 2011

NMOCD ARTESIA

Aim
Directional Services, LLC

30-015-39002

SITE DETAILS

Glass #1
Site Centre Northing: 611158.10
Easting: 470417.60
Ground Level: 3384.00
Positional Uncertainty: 0.00
Convergence: -0.12

Eddy County, New Mexico

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: WMM_2010

System Datum: Mean Sea Level
Local North: Grid North

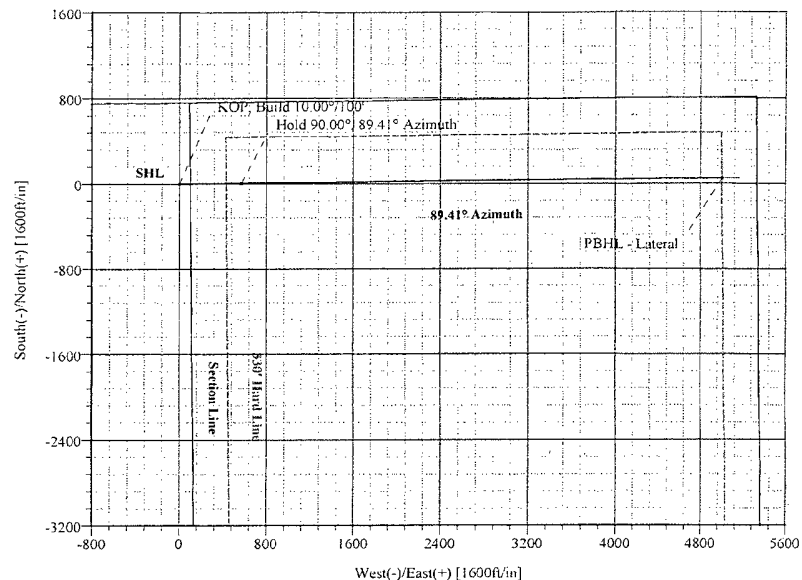
ANNOTATIONS

No.	TVD	MD	Annotation
1	2186.00	2186.00	KOP, Build 10.00%/100'
2	2758.96	3085.99	Hold 90.00°, 89.41° Azimuth
3	2759.00	7516.70	PBHL - Lateral



Azimuths to Grid North
True North: 0.12°
Magnetic North: 8.23°

Magnetic Field
Strength: 48816nT
Dip Angle: 60.43°
Date: 04/27/2011
Model: WMM_2010

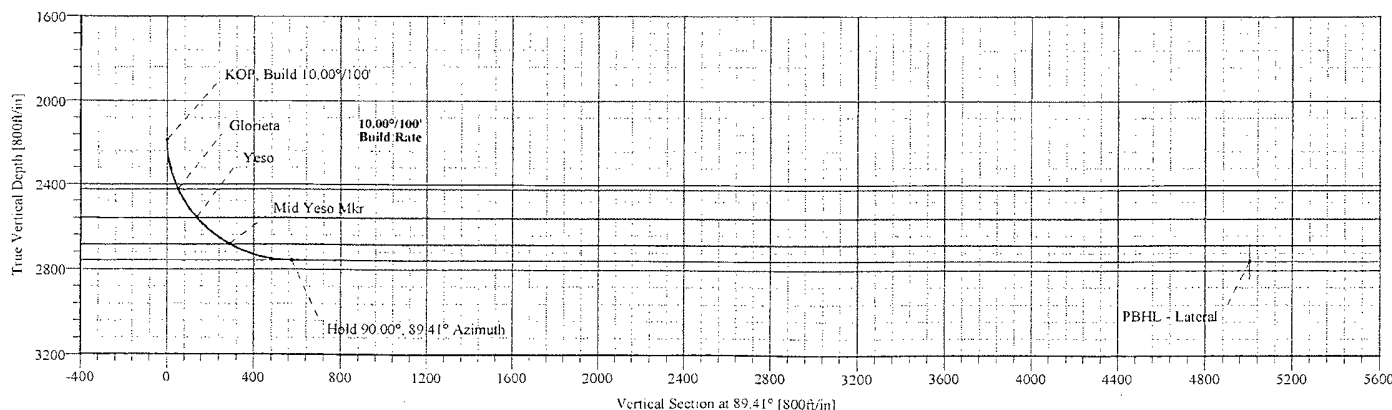


TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Lateral	2759.00	51.20	5003.40	611209.30	475421.00	32°40'48.261N	104°32'51.269W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	2186.00	0.00	0.00	2186.00	0.00	0.00	0.00	0.00	0.00	
2	3085.99	90.00	89.41	2758.96	5.86	572.92	10.00	89.41	572.95	
3	7516.70	90.00	89.41	2759.00	51.20	5003.40	0.00	0.00	5003.66	PBHL - Lateral



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	2424.00	2431.44	Glorieta
2	2559.00	2592.18	Yeso
3	2684.00	2789.63	Mid Yeso Mkr
4	2759.00	7500.00	Target Center Line

Drawn By: ALR
Date Created: 04/27/11
Date Revised: 04/27/11
File: Nearburg Producing- Glass #1 Lateral 110.gpi/52

Aim Directional Services, LLC

Planning Report - Geographic

Company: Nearburg Producing Company	Date: 04/27/2011	Time: 15:06:39	Page: 1
Field: Eddy County, New Mexico	Co-ordinate(N/E) Reference: Well: #1, Grid North		
Site: Glass #1	Vertical (TVD) Reference: SITE 0.0		
Well: #1	Section (VS) Reference: Well (0.00N,0.00E,89.41Azi)		
Wellpath: Lateral 1r0	Plan: Lateral 1r0		

Field: Eddy County, New Mexico

Map System: US State Plane Coordinate System 1983
 Geo Datum: GRS 1980
 Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
 Coordinate System: Well Centre
 Geomagnetic Model: WMM_2010

Site: Glass #1

Site Position:	Northing: 611158.10 ft	Latitude: 32 40 47.651 N	
From: Map	Easting: 470417.60 ft	Longitude: 104 33 49.809 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3384.00 ft		Grid Convergence: -0.12 deg	

Well: #1

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 611158.10 ft	Latitude: 32 40 47.651 N	
+E/-W 0.00 ft	Easting: 470417.60 ft	Longitude: 104 33 49.809 W	
Position Uncertainty: 0.00 ft			

Wellpath: Lateral 1r0

Current Datum: SITE	Height 0.00 ft	Drilled From: Surface	
Magnetic Data: 04/27/2011		Tie-on Depth: 0.00 ft	
Field Strength: 48816 nT		Above System Datum: Mean Sea Level	
Vertical Section: Depth From (TVD) ft	+N/-S ft	Declination: 8.10 deg	
		Mag Dip Angle: 60.43 deg	
		+E/-W ft	Direction deg
0.00	0.00	0.00	89.41

Plan: Lateral 1r0

Date Composed: 04/27/2011
 Version: 1
 Tied-to: User Defined

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
2186.00	0.00	0.00	2186.00	0.00	0.00	0.00	0.00	0.00	0.00	
3085.99	90.00	89.41	2758.96	5.86	572.92	10.00	10.00	9.93	89.41	
7516.70	90.00	89.41	2759.00	51.20	5003.40	0.00	0.00	0.00	0.00	PBHL - Lateral

Section 1 : Start DLS 10.00 TFO 89.41

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2186.00	0.00	0.00	2186.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	1.40	89.41	2200.00	0.00	0.17	0.17	10.00	10.00	0.00	0.00
2250.00	6.40	89.41	2249.87	0.04	3.57	3.57	10.00	10.00	0.00	0.00
2300.00	11.40	89.41	2299.25	0.12	11.30	11.30	10.00	10.00	0.00	0.00
2350.00	16.40	89.41	2347.77	0.24	23.31	23.31	10.00	10.00	0.00	0.00
2400.00	21.40	89.41	2395.06	0.40	39.50	39.50	10.00	10.00	0.00	0.00
2431.44	24.54	89.41	2424.00	0.53	51.77	51.77	10.00	10.00	0.00	0.00
2450.00	26.40	89.41	2440.76	0.61	59.75	59.75	10.00	10.00	0.00	0.00
2500.00	31.40	89.41	2484.52	0.86	83.90	83.91	10.00	10.00	0.00	0.00
2550.00	36.40	89.41	2526.00	1.14	111.78	111.79	10.00	10.00	0.00	0.00
2592.18	40.62	89.41	2559.00	1.41	138.03	138.04	10.00	10.00	0.00	0.00
2600.00	41.40	89.41	2564.90	1.47	143.17	143.18	10.00	10.00	0.00	0.00
2650.00	46.40	89.41	2600.92	1.82	177.83	177.83	10.00	10.00	0.00	0.00
2700.00	51.40	89.41	2633.78	2.21	215.49	215.50	10.00	10.00	0.00	0.00
2750.00	56.40	89.41	2663.23	2.62	255.87	255.89	10.00	10.00	0.00	0.00
2789.63	60.36	89.41	2684.00	2.96	289.61	289.63	10.00	10.00	0.00	0.00
2800.00	61.40	89.41	2689.05	3.06	298.67	298.69	10.00	10.00	0.00	0.00
2850.00	66.40	89.41	2711.04	3.52	343.56	343.57	10.00	10.00	0.00	0.00
2900.00	71.40	89.41	2729.03	3.99	390.19	390.21	10.00	10.00	0.00	0.00
2950.00	76.40	89.41	2742.89	4.48	438.21	438.23	10.00	10.00	0.00	0.00
3000.00	81.40	89.41	2752.52	4.99	487.25	487.28	10.00	10.00	0.00	0.00

Aim Directional Services, LLC

Planning Report - Geographic

Company: Nearburg Producing Company	Date: 04/27/2011	Time: 15:06:39	Page: 2
Field: Eddy County, New Mexico	Co-ordinate(NE) Reference: Well: #1, Grid North		
Site: Glass #1	Vertical (TVD) Reference: SITE 0.0		
Well: #1	Section (VS) Reference: Well (0.00N,0.00E,89.41Azi)		
Wellpath: Lateral 1r0	Plan: Lateral 1r0		

Section 1 : Start DLS 10.00 TFO 89.41

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3050.00	86.40	89.41	2757.83	5.49	536.95	536.98	10.00	10.00	0.00	0.00
3085.99	90.00	89.41	2758.96	5.86	572.92	572.95	10.00	10.00	0.00	0.00

Section 2 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3100.00	90.00	89.41	2758.96	6.01	586.93	586.96	0.00	0.00	0.00	180.00
3200.00	90.00	89.41	2758.96	7.03	686.92	686.96	0.00	0.00	0.00	180.00
3300.00	90.00	89.41	2758.96	8.05	786.92	786.96	0.00	0.00	0.00	180.00
3400.00	90.00	89.41	2758.96	9.08	886.91	886.96	0.00	0.00	0.00	180.00
3500.00	90.00	89.41	2758.96	10.10	986.91	986.96	0.00	0.00	0.00	180.00
3600.00	90.00	89.41	2758.96	11.12	1086.90	1086.96	0.00	0.00	0.00	180.00
3700.00	90.00	89.41	2758.96	12.15	1186.90	1186.96	0.00	0.00	0.00	180.00
3800.00	90.00	89.41	2758.96	13.17	1286.89	1286.96	0.00	0.00	0.00	180.00
3900.00	90.00	89.41	2758.97	14.19	1386.89	1386.96	0.00	0.00	0.00	180.00
4000.00	90.00	89.41	2758.97	15.22	1486.88	1486.96	0.00	0.00	0.00	180.00
4100.00	90.00	89.41	2758.97	16.24	1586.87	1586.96	0.00	0.00	0.00	180.00
4200.00	90.00	89.41	2758.97	17.26	1686.87	1686.96	0.00	0.00	0.00	180.00
4300.00	90.00	89.41	2758.97	18.29	1786.86	1786.96	0.00	0.00	0.00	180.00
4400.00	90.00	89.41	2758.97	19.31	1886.86	1886.96	0.00	0.00	0.00	180.00
4500.00	90.00	89.41	2758.97	20.33	1986.85	1986.96	0.00	0.00	0.00	180.00
4600.00	90.00	89.41	2758.97	21.35	2086.85	2086.96	0.00	0.00	0.00	180.00
4700.00	90.00	89.41	2758.97	22.38	2186.84	2186.96	0.00	0.00	0.00	180.00
4800.00	90.00	89.41	2758.97	23.40	2286.84	2286.96	0.00	0.00	0.00	180.00
4900.00	90.00	89.41	2758.98	24.42	2386.83	2386.96	0.00	0.00	0.00	180.00
5000.00	90.00	89.41	2758.98	25.45	2486.83	2486.96	0.00	0.00	0.00	180.00
5100.00	90.00	89.41	2758.98	26.47	2586.82	2586.96	0.00	0.00	0.00	180.00
5200.00	90.00	89.41	2758.98	27.49	2686.82	2686.96	0.00	0.00	0.00	180.00
5300.00	90.00	89.41	2758.98	28.52	2786.81	2786.96	0.00	0.00	0.00	180.00
5400.00	90.00	89.41	2758.98	29.54	2886.81	2886.96	0.00	0.00	0.00	180.00
5500.00	90.00	89.41	2758.98	30.56	2986.80	2986.96	0.00	0.00	0.00	180.00
5600.00	90.00	89.41	2758.98	31.59	3086.80	3086.96	0.00	0.00	0.00	180.00
5700.00	90.00	89.41	2758.98	32.61	3186.79	3186.96	0.00	0.00	0.00	180.00
5800.00	90.00	89.41	2758.98	33.63	3286.79	3286.96	0.00	0.00	0.00	180.00
5900.00	90.00	89.41	2758.98	34.66	3386.78	3386.96	0.00	0.00	0.00	180.00
6000.00	90.00	89.41	2758.99	35.68	3486.78	3486.96	0.00	0.00	0.00	180.00
6100.00	90.00	89.41	2758.99	36.70	3586.77	3586.96	0.00	0.00	0.00	180.00
6200.00	90.00	89.41	2758.99	37.73	3686.76	3686.96	0.00	0.00	0.00	180.00
6300.00	90.00	89.41	2758.99	38.75	3786.76	3786.96	0.00	0.00	0.00	180.00
6400.00	90.00	89.41	2758.99	39.77	3886.75	3886.96	0.00	0.00	0.00	180.00
6500.00	90.00	89.41	2758.99	40.80	3986.75	3986.96	0.00	0.00	0.00	180.00
6600.00	90.00	89.41	2758.99	41.82	4086.74	4086.96	0.00	0.00	0.00	180.00
6700.00	90.00	89.41	2758.99	42.84	4186.74	4186.96	0.00	0.00	0.00	180.00
6800.00	90.00	89.41	2758.99	43.87	4286.73	4286.96	0.00	0.00	0.00	180.00
6900.00	90.00	89.41	2758.99	44.89	4386.73	4386.96	0.00	0.00	0.00	180.00
7000.00	90.00	89.41	2759.00	45.91	4486.72	4486.96	0.00	0.00	0.00	180.00
7100.00	90.00	89.41	2759.00	46.94	4586.72	4586.96	0.00	0.00	0.00	180.00
7200.00	90.00	89.41	2759.00	47.96	4686.71	4686.96	0.00	0.00	0.00	180.00
7300.00	90.00	89.41	2759.00	48.98	4786.71	4786.96	0.00	0.00	0.00	180.00
7400.00	90.00	89.41	2759.00	50.01	4886.70	4886.96	0.00	0.00	0.00	180.00
7500.00	90.00	89.41	2759.00	51.03	4986.70	4986.96	0.00	0.00	0.00	180.00
7516.70	90.00	89.41	2759.00	51.20	5003.40	5003.66	0.00	0.00	0.00	180.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
2186.00	0.00	0.00	2186.00	0.00	0.00	611158.10	470417.60	32	40	47.651 N	104	33	49.809 W
2200.00	1.40	89.41	2200.00	0.00	0.17	611158.10	470417.77	32	40	47.651 N	104	33	49.807 W
2250.00	6.40	89.41	2249.87	0.04	3.57	611158.14	470421.17	32	40	47.651 N	104	33	49.768 W
2300.00	11.40	89.41	2299.25	0.12	11.30	611158.22	470428.90	32	40	47.652 N	104	33	49.677 W
2350.00	16.40	89.41	2347.77	0.24	23.31	611158.34	470440.91	32	40	47.654 N	104	33	49.537 W

Aim Directional Services, LLC

Planning Report - Geographic

Company: Nearburg Producing Company
 Field: Eddy County, New Mexico
 Site: Glass #1
 Well: #1
 Wellpath: Lateral 1r0

Date: 04/27/2011 Time: 15:06:39 Page: 3
 Co-ordinate(NE) Reference: Well: #1, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,89.41Azi)
 Plan: Lateral 1r0

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
2400.00	21.40	89.41	2395.06	0.40	39.50	611158.50	470457.10	32	40	47.656 N	104	33	49.347 W
2431.44	24.54	89.41	2424.00	0.53	51.77	611158.63	470469.37	32	40	47.657 N	104	33	49.204 W
2450.00	26.40	89.41	2440.76	0.61	59.75	611158.71	470477.35	32	40	47.658 N	104	33	49.110 W
2500.00	31.40	89.41	2484.52	0.86	83.90	611158.96	470501.50	32	40	47.661 N	104	33	48.828 W
2550.00	36.40	89.41	2526.00	1.14	111.78	611159.24	470529.38	32	40	47.664 N	104	33	48.501 W
2592.18	40.62	89.41	2559.00	1.41	138.03	611159.51	470555.63	32	40	47.668 N	104	33	48.194 W
2600.00	41.40	89.41	2564.90	1.47	143.17	611159.57	470560.77	32	40	47.668 N	104	33	48.134 W
2650.00	46.40	89.41	2600.92	1.82	177.83	611159.92	470595.43	32	40	47.673 N	104	33	47.729 W
2700.00	51.40	89.41	2633.78	2.21	215.49	611160.31	470633.09	32	40	47.677 N	104	33	47.288 W
2750.00	56.40	89.41	2663.23	2.62	255.87	611160.72	470673.47	32	40	47.682 N	104	33	46.816 W
2789.63	60.36	89.41	2684.00	2.96	289.61	611161.06	470707.21	32	40	47.686 N	104	33	46.421 W
2800.00	61.40	89.41	2689.05	3.06	298.67	611161.16	470716.27	32	40	47.687 N	104	33	46.315 W
2850.00	66.40	89.41	2711.04	3.52	343.56	611161.62	470761.16	32	40	47.693 N	104	33	45.790 W
2900.00	71.40	89.41	2729.03	3.99	390.19	611162.09	470807.79	32	40	47.699 N	104	33	45.244 W
2950.00	76.40	89.41	2742.89	4.48	438.21	611162.58	470855.81	32	40	47.705 N	104	33	44.682 W
3000.00	81.40	89.41	2752.52	4.99	487.25	611163.09	470904.85	32	40	47.711 N	104	33	44.108 W
3050.00	86.40	89.41	2757.83	5.49	536.95	611163.59	470954.55	32	40	47.717 N	104	33	43.527 W
3085.99	90.00	89.41	2758.96	5.86	572.92	611163.96	470990.52	32	40	47.721 N	104	33	43.106 W
3100.00	90.00	89.41	2758.96	6.01	586.93	611164.11	471004.53	32	40	47.723 N	104	33	42.942 W
3200.00	90.00	89.41	2758.96	7.03	686.92	611165.13	471104.52	32	40	47.735 N	104	33	41.772 W
3300.00	90.00	89.41	2758.96	8.05	786.92	611166.15	471204.52	32	40	47.747 N	104	33	40.602 W
3400.00	90.00	89.41	2758.96	9.08	886.91	611167.18	471304.51	32	40	47.760 N	104	33	39.432 W
3500.00	90.00	89.41	2758.96	10.10	986.91	611168.20	471404.51	32	40	47.772 N	104	33	38.262 W
3600.00	90.00	89.41	2758.96	11.12	1086.90	611169.22	471504.50	32	40	47.784 N	104	33	37.092 W
3700.00	90.00	89.41	2758.96	12.15	1186.90	611170.25	471604.50	32	40	47.796 N	104	33	35.923 W
3800.00	90.00	89.41	2758.96	13.17	1286.89	611171.27	471704.49	32	40	47.808 N	104	33	34.753 W
3900.00	90.00	89.41	2758.97	14.19	1386.89	611172.29	471804.49	32	40	47.821 N	104	33	33.583 W
4000.00	90.00	89.41	2758.97	15.22	1486.88	611173.32	471904.48	32	40	47.833 N	104	33	32.413 W
4100.00	90.00	89.41	2758.97	16.24	1586.87	611174.34	472004.47	32	40	47.845 N	104	33	31.243 W
4200.00	90.00	89.41	2758.97	17.26	1686.87	611175.36	472104.47	32	40	47.857 N	104	33	30.073 W
4300.00	90.00	89.41	2758.97	18.29	1786.86	611176.39	472204.46	32	40	47.870 N	104	33	28.903 W
4400.00	90.00	89.41	2758.97	19.31	1886.86	611177.41	472304.46	32	40	47.882 N	104	33	27.733 W
4500.00	90.00	89.41	2758.97	20.33	1986.85	611178.43	472404.45	32	40	47.894 N	104	33	26.563 W
4600.00	90.00	89.41	2758.97	21.35	2086.85	611179.45	472504.45	32	40	47.906 N	104	33	25.393 W
4700.00	90.00	89.41	2758.97	22.38	2186.84	611180.48	472604.44	32	40	47.918 N	104	33	24.223 W
4800.00	90.00	89.41	2758.97	23.40	2286.84	611181.50	472704.44	32	40	47.931 N	104	33	23.053 W
4900.00	90.00	89.41	2758.98	24.42	2386.83	611182.52	472804.43	32	40	47.943 N	104	33	21.883 W
5000.00	90.00	89.41	2758.98	25.45	2486.83	611183.55	472904.43	32	40	47.955 N	104	33	20.713 W
5100.00	90.00	89.41	2758.98	26.47	2586.82	611184.57	473004.42	32	40	47.967 N	104	33	19.543 W
5200.00	90.00	89.41	2758.98	27.49	2686.82	611185.59	473104.42	32	40	47.979 N	104	33	18.373 W
5300.00	90.00	89.41	2758.98	28.52	2786.81	611186.62	473204.41	32	40	47.992 N	104	33	17.203 W
5400.00	90.00	89.41	2758.98	29.54	2886.81	611187.64	473304.41	32	40	48.004 N	104	33	16.033 W
5500.00	90.00	89.41	2758.98	30.56	2986.80	611188.66	473404.40	32	40	48.016 N	104	33	14.863 W
5600.00	90.00	89.41	2758.98	31.59	3086.80	611189.69	473504.40	32	40	48.028 N	104	33	13.693 W
5700.00	90.00	89.41	2758.98	32.61	3186.79	611190.71	473604.39	32	40	48.040 N	104	33	12.523 W
5800.00	90.00	89.41	2758.98	33.63	3286.79	611191.73	473704.39	32	40	48.053 N	104	33	11.353 W
5900.00	90.00	89.41	2758.98	34.66	3386.78	611192.76	473804.38	32	40	48.065 N	104	33	10.184 W
6000.00	90.00	89.41	2758.99	35.68	3486.78	611193.78	473904.38	32	40	48.077 N	104	33	9.014 W
6100.00	90.00	89.41	2758.99	36.70	3586.77	611194.80	474004.37	32	40	48.089 N	104	33	7.844 W
6200.00	90.00	89.41	2758.99	37.73	3686.76	611195.83	474104.36	32	40	48.101 N	104	33	6.674 W
6300.00	90.00	89.41	2758.99	38.75	3786.76	611196.85	474204.36	32	40	48.113 N	104	33	5.504 W
6400.00	90.00	89.41	2758.99	39.77	3886.75	611197.87	474304.35	32	40	48.126 N	104	33	4.334 W

Aim Directional Services, LLC

Planning Report - Geographic

Company: Nearburg Producing Company
 Field: Eddy County, New Mexico
 Site: Glass #1
 Well: #1
 Wellpath: Lateral 1r0

Date: 04/27/2011 Time: 15:06:39 Page: 4
 Co-ordinate(NE) Reference: Well: #1, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,89.41Azi)
 Plan: Lateral 1r0

Survey

MD ft	Incl deg	Azimi deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec		Longitude Deg Min Sec	
6500.00	90.00	89.41	2758.99	40.80	3986.75	611198.90	474404.35	32	40	48.138	N 104 33 3.164 W
6600.00	90.00	89.41	2758.99	41.82	4086.74	611199.92	474504.34	32	40	48.150	N 104 33 1.994 W
6700.00	90.00	89.41	2758.99	42.84	4186.74	611200.94	474604.34	32	40	48.162	N 104 33 0.824 W
6800.00	90.00	89.41	2758.99	43.87	4286.73	611201.97	474704.33	32	40	48.174	N 104 32 59.654 W
6900.00	90.00	89.41	2758.99	44.89	4386.73	611202.99	474804.33	32	40	48.186	N 104 32 58.484 W
7000.00	90.00	89.41	2759.00	45.91	4486.72	611204.01	474904.32	32	40	48.198	N 104 32 57.314 W
7100.00	90.00	89.41	2759.00	46.94	4586.72	611205.04	475004.32	32	40	48.211	N 104 32 56.144 W
7200.00	90.00	89.41	2759.00	47.96	4686.71	611206.06	475104.31	32	40	48.223	N 104 32 54.974 W
7300.00	90.00	89.41	2759.00	48.98	4786.71	611207.08	475204.31	32	40	48.235	N 104 32 53.804 W
7400.00	90.00	89.41	2759.00	50.01	4886.70	611208.11	475304.30	32	40	48.247	N 104 32 52.634 W
7500.00	90.00	89.41	2759.00	51.03	4986.70	611209.13	475404.30	32	40	48.259	N 104 32 51.464 W
7516.70	90.00	89.41	2759.00	51.20	5003.40	611209.30	475421.00	32	40	48.261	N 104 32 51.269 W

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec		Longitude Deg Min Sec	
PBHL - Lateral		2759.00	51.20	5003.40	611209.30	475421.00	32	40	48.261	N 104 32 51.269 W

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2431.44	2424.00	Glorieta		0.00	0.00
2592.18	2559.00	Yeso		0.00	0.00
2789.63	2684.00	Mid Yeso Mkr		0.00	0.00
7500.00	2759.00	Target Center Line		0.00	0.00

Annotation

MD ft	TVD ft	
2186.00	2186.00	KOP, Build 10.00°/100'
3085.99	2758.96	Hold 90.00°, 89.41° Azimuth
7516.70	2759.00	PBHL - Lateral