

Nearburg Producing

Rose, Well No. 12 A-D #1H
Eddy County, New Mexico
Quote No. 042711140

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MAY 03 2011

NMOCD ARTESIA

30-015-39000

Aim

Directional Services, LLC

SITE DETAILS

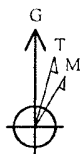
Rose #1

Site Centre Northing: 611258.60
Easting: 470617.30

Ground Level: 3386.00
Positional Uncertainty: 0.00
Convergence: -0.12

ANNOTATIONS

No.	TVD	MD	Annotation
1	2188.00	2188.00	KOP, Build 10.00%/100'
2	2760.96	3087.99	Hold 90.00°, 270.30° Azimuth
3	2761.00	7640.01	PBHL - Lateral



Azimuths to Grid North
True North: 0.12°
Magnetic North: 8.22°

Magnetic Field
Strength: 48817nT
Dip Angle: 60.43°
Date: 2011/04/27
Model: WMM_2010

FIELD DETAILS

Eddy County, New Mexico

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

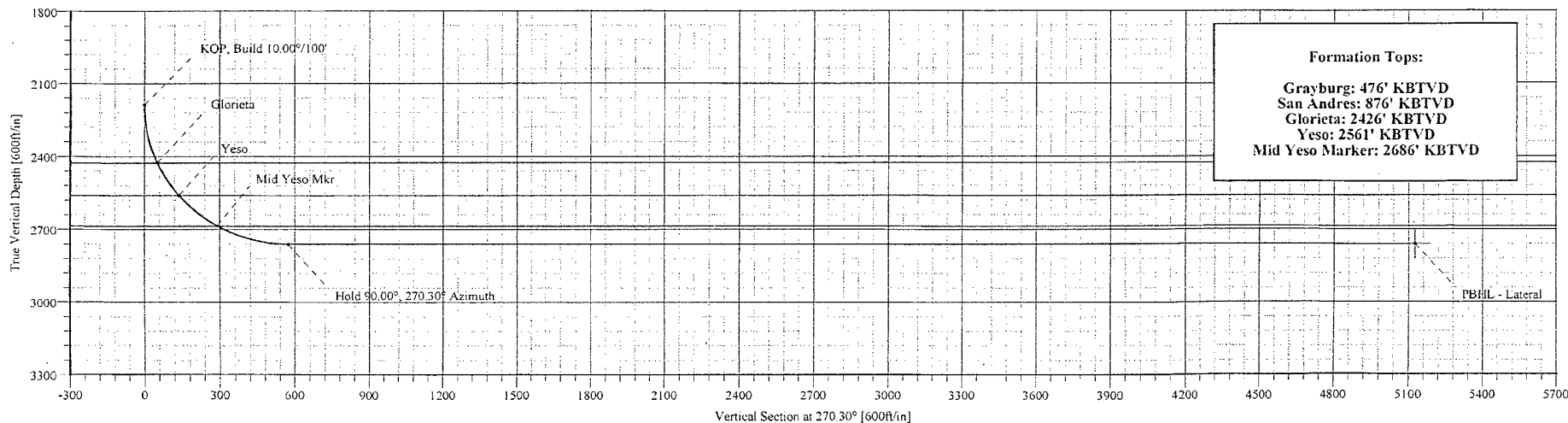
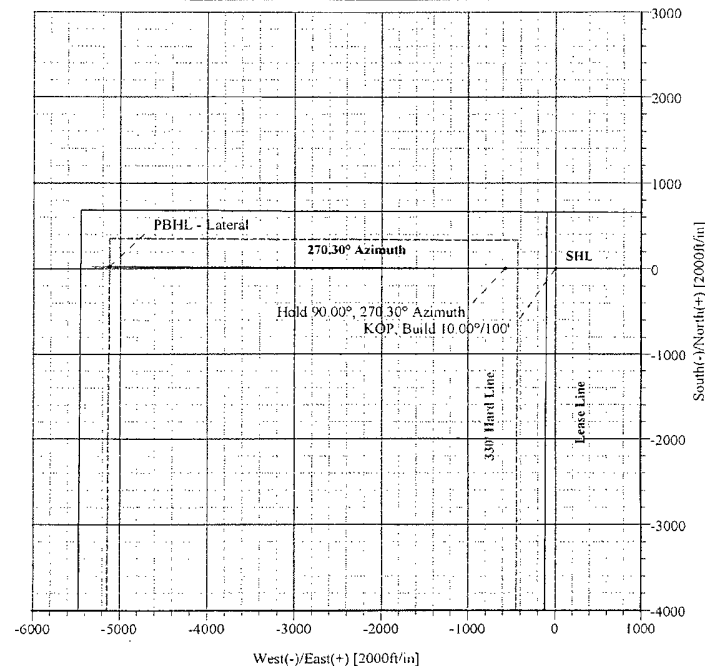
System Datum: Mean Sea Level
Local North: Grid North

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Lateral	2761.00	26.40	-5124.90	611285.00	465492.40	32°40'48.797N	104°34'47.440W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	2188.00	0.00	0.00	2188.00	0.00	0.00	0.00	0.00	0.00	
2	3087.99	90.00	270.30	2760.96	2.95	-572.94	10.00	270.30	572.95	
3	7640.01	90.00	270.30	2761.00	26.40	-5124.90	0.00	0.00	5124.97	PBHL - Lateral



Formation Tops:
Grayburg: 476' KBTVD
San Andres: 876' KBTVD
Glorieta: 2426' KBTVD
Yeso: 2561' KBTVD
Mid Yeso Marker: 2686' KBTVD

Aim Directional Services

Planning Report - Geographic

Company: Nearburg Producing Company	Date: 2011/04/27	Time: 14:57:58	Page: 1
Field: Eddy County, New Mexico	Co-ordinate(NE) Reference: Well: #1, Grid North		
Site: Rose #1	Vertical (TVD) Reference: SITE 3386.0		
Well: #1	Section (VS) Reference: Well (0.00N,0.00E,270.30Azi)		
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: Rose #1

Site Position:	Northing: 611258.60 ft	Latitude: 32 40 48.650 N
From: Map	Easting: 470617.30 ft	Longitude: 104 33 47.475 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3386.00 ft		Grid Convergence: -0.12 deg

Well: #1

Slot Name:

Well Position:	Northing: 611258.60 ft	Latitude: 32 40 48.650 N
+N/-S 0.00 ft	Easting: 470617.30 ft	Longitude: 104 33 47.475 W
+E/-W 0.00 ft		
Position Uncertainty: 0.00 ft		

Wellpath: Lateral 1r0

Drilled From: Surface
 Tie-on Depth: 0.00 ft
 Above System Datum: Mean Sea Level
 Declination: 8.10 deg
 Mag Dip Angle: 60.43 deg
 +E/-W Direction
 ft deg

Current Datum: SITE
 Magnetic Data: 2011/04/27
 Field Strength: 48817 nT
 Vertical Section: Depth From (TVD)
 ft

0.00	0.00	0.00	270.30
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Plan: Lateral 1r0

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

Principal: Yes

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
2188.00	0.00	0.00	2188.00	0.00	0.00	0.00	0.00	0.00	0.00	
3087.99	90.00	270.30	2760.96	2.95	-572.94	10.00	10.00	-9.97	270.30	
7640.01	90.00	270.30	2761.00	26.40	-5124.90	0.00	0.00	0.00	0.00	PBHL - Lateral

Section 1 : Start DLS 10.00 TFO 270.30

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
2188.00	0.00	0.00	2188.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	1.20	270.30	2200.00	0.00	-0.13	0.13	10.00	10.00	0.00	0.00
2250.00	6.20	270.30	2249.88	0.02	-3.35	3.35	10.00	10.00	0.00	0.00
2300.00	11.20	270.30	2299.29	0.06	-10.91	10.91	10.00	10.00	0.00	0.00
2350.00	16.20	270.30	2347.85	0.12	-22.75	22.75	10.00	10.00	0.00	0.00
2400.00	21.20	270.30	2395.20	0.20	-38.78	38.78	10.00	10.00	0.00	0.00
2433.44	24.54	270.30	2426.00	0.27	-51.77	51.77	10.00	10.00	0.00	0.00
2450.00	26.20	270.30	2440.96	0.30	-58.87	58.87	10.00	10.00	0.00	0.00
2500.00	31.20	270.30	2484.81	0.43	-82.87	82.87	10.00	10.00	0.00	0.00
2550.00	36.20	270.30	2526.39	0.57	-110.60	110.60	10.00	10.00	0.00	0.00
2594.18	40.62	270.30	2561.00	0.71	-138.04	138.04	10.00	10.00	0.00	0.00
2600.00	41.20	270.30	2565.40	0.73	-141.85	141.86	10.00	10.00	0.00	0.00
2650.00	46.20	270.30	2601.54	0.91	-176.39	176.39	10.00	10.00	0.00	0.00
2700.00	51.20	270.30	2634.53	1.10	-213.94	213.94	10.00	10.00	0.00	0.00
2750.00	56.20	270.30	2664.12	1.31	-254.22	254.22	10.00	10.00	0.00	0.00
2791.63	60.36	270.30	2686.00	1.49	-289.62	289.63	10.00	10.00	0.00	0.00
2800.00	61.20	270.30	2690.09	1.53	-296.93	296.93	10.00	10.00	0.00	0.00
2850.00	66.20	270.30	2712.23	1.76	-341.74	341.74	10.00	10.00	0.00	0.00
2900.00	71.20	270.30	2730.39	2.00	-388.31	388.31	10.00	10.00	0.00	0.00
2950.00	76.20	270.30	2744.42	2.25	-436.28	436.29	10.00	10.00	0.00	0.00
3000.00	81.20	270.30	2754.21	2.50	-485.30	485.30	10.00	10.00	0.00	0.00

Aim Directional Services

Planning Report - Geographic

Company: Nearburg Producing Company	Date: 2011/04/27	Time: 14:57:58	Page: 2
Field: Eddy County, New Mexico	Co-ordinate(NE) Reference: Well: #1, Grid North		
Site: Rose #1	Vertical (TVD) Reference: SITE 3386.0		
Well: #1	Section (VS) Reference: Well (0.00N,0.00E,270.30Azi)		
Wellpath: Lateral 1r0	Plan: Lateral 1r0		

Section 1 : Start DLS 10.00 TFO 270.30

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	86.20	270.30	2759.70	2.76	-534.98	534.99	10.00	10.00	0.00	0.00
3087.99	90.00	270.30	2760.96	2.95	-572.94	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	270.30	2760.96	3.01	-584.95	584.96	0.00	0.00	0.00	0.00
3200.00	90.00	270.30	2760.96	3.53	-684.95	684.96	0.00	0.00	0.00	0.00
3300.00	90.00	270.30	2760.96	4.04	-784.95	784.96	0.00	0.00	0.00	0.00
3400.00	90.00	270.30	2760.96	4.56	-884.95	884.96	0.00	0.00	0.00	0.00
3500.00	90.00	270.30	2760.96	5.07	-984.94	984.96	0.00	0.00	0.00	0.00
3600.00	90.00	270.30	2760.96	5.59	-1084.94	1084.96	0.00	0.00	0.00	0.00
3700.00	90.00	270.30	2760.96	6.10	-1184.94	1184.96	0.00	0.00	0.00	0.00
3800.00	90.00	270.30	2760.96	6.62	-1284.94	1284.96	0.00	0.00	0.00	0.00
3900.00	90.00	270.30	2760.97	7.13	-1384.94	1384.96	0.00	0.00	0.00	0.00
4000.00	90.00	270.30	2760.97	7.65	-1484.94	1484.96	0.00	0.00	0.00	0.00
4100.00	90.00	270.30	2760.97	8.16	-1584.94	1584.96	0.00	0.00	0.00	0.00
4200.00	90.00	270.30	2760.97	8.68	-1684.94	1684.96	0.00	0.00	0.00	0.00
4300.00	90.00	270.30	2760.97	9.19	-1784.93	1784.96	0.00	0.00	0.00	0.00
4400.00	90.00	270.30	2760.97	9.71	-1884.93	1884.96	0.00	0.00	0.00	0.00
4500.00	90.00	270.30	2760.97	10.23	-1984.93	1984.96	0.00	0.00	0.00	0.00
4600.00	90.00	270.30	2760.97	10.74	-2084.93	2084.96	0.00	0.00	0.00	0.00
4700.00	90.00	270.30	2760.97	11.26	-2184.93	2184.96	0.00	0.00	0.00	0.00
4800.00	90.00	270.30	2760.97	11.77	-2284.93	2284.96	0.00	0.00	0.00	0.00
4900.00	90.00	270.30	2760.97	12.29	-2384.93	2384.96	0.00	0.00	0.00	0.00
5000.00	90.00	270.30	2760.98	12.80	-2484.92	2484.96	0.00	0.00	0.00	0.00
5100.00	90.00	270.30	2760.98	13.32	-2584.92	2584.96	0.00	0.00	0.00	0.00
5200.00	90.00	270.30	2760.98	13.83	-2684.92	2684.96	0.00	0.00	0.00	0.00
5300.00	90.00	270.30	2760.98	14.35	-2784.92	2784.96	0.00	0.00	0.00	0.00
5400.00	90.00	270.30	2760.98	14.86	-2884.92	2884.96	0.00	0.00	0.00	0.00
5500.00	90.00	270.30	2760.98	15.38	-2984.92	2984.96	0.00	0.00	0.00	0.00
5600.00	90.00	270.30	2760.98	15.89	-3084.92	3084.96	0.00	0.00	0.00	0.00
5700.00	90.00	270.30	2760.98	16.41	-3184.92	3184.96	0.00	0.00	0.00	0.00
5800.00	90.00	270.30	2760.98	16.92	-3284.91	3284.96	0.00	0.00	0.00	0.00
5900.00	90.00	270.30	2760.98	17.44	-3384.91	3384.96	0.00	0.00	0.00	0.00
6000.00	90.00	270.30	2760.98	17.95	-3484.91	3484.96	0.00	0.00	0.00	0.00
6100.00	90.00	270.30	2760.99	18.47	-3584.91	3584.96	0.00	0.00	0.00	0.00
6200.00	90.00	270.30	2760.99	18.98	-3684.91	3684.96	0.00	0.00	0.00	0.00
6300.00	90.00	270.30	2760.99	19.50	-3784.91	3784.96	0.00	0.00	0.00	0.00
6400.00	90.00	270.30	2760.99	20.01	-3884.91	3884.96	0.00	0.00	0.00	0.00
6500.00	90.00	270.30	2760.99	20.53	-3984.90	3984.96	0.00	0.00	0.00	0.00
6600.00	90.00	270.30	2760.99	21.04	-4084.90	4084.96	0.00	0.00	0.00	0.00
6700.00	90.00	270.30	2760.99	21.56	-4184.90	4184.96	0.00	0.00	0.00	0.00
6800.00	90.00	270.30	2760.99	22.07	-4284.90	4284.96	0.00	0.00	0.00	0.00
6900.00	90.00	270.30	2760.99	22.59	-4384.90	4384.96	0.00	0.00	0.00	0.00
7000.00	90.00	270.30	2760.99	23.10	-4484.90	4484.96	0.00	0.00	0.00	0.00
7100.00	90.00	270.30	2760.99	23.62	-4584.90	4584.96	0.00	0.00	0.00	0.00
7200.00	90.00	270.30	2761.00	24.13	-4684.90	4684.96	0.00	0.00	0.00	0.00
7300.00	90.00	270.30	2761.00	24.65	-4784.89	4784.96	0.00	0.00	0.00	0.00
7400.00	90.00	270.30	2761.00	25.16	-4884.89	4884.96	0.00	0.00	0.00	0.00
7500.00	90.00	270.30	2761.00	25.68	-4984.89	4984.96	0.00	0.00	0.00	0.00
7600.00	90.00	270.30	2761.00	26.19	-5084.89	5084.96	0.00	0.00	0.00	0.00
7640.01	90.00	270.30	2761.00	26.40	-5124.90	5124.97	0.00	0.00	0.00	0.00

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		
2188.00	0.00	0.00	2188.00	0.00	0.00	611258.60	470617.30	32	40	48.650 N	104	33	47.475 W
2200.00	1.20	270.30	2200.00	0.00	-0.13	611258.60	470617.17	32	40	48.650 N	104	33	47.477 W
2250.00	6.20	270.30	2249.88	0.02	-3.35	611258.62	470613.95	32	40	48.650 N	104	33	47.515 W
2300.00	11.20	270.30	2299.29	0.06	-10.91	611258.66	470606.39	32	40	48.650 N	104	33	47.603 W

Aim Directional Services

Planning Report - Geographic

Company:	Nearburg Producing Company	Date:	2011/04/27	Time:	14:57:58	Page:	3
Field:	Eddy County, New Mexico	Co-ordinate(NE) Reference:	Well: #1, Grid North				
Site:	Rose #1	Vertical (TVD) Reference:	SITE 3386.0				
Well:	#1	Section (VS) Reference:	Well (0.00N,0.00E,270.30Azi)				
Wellpath:	Lateral 1r0	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		
2350.00	16.20	270.30	2347.85	0.12	-22.75	611258.72	470594.55	32	40	48.650 N	104	33	47.742 W
2400.00	21.20	270.30	2395.20	0.20	-38.78	611258.80	470578.52	32	40	48.651 N	104	33	47.929 W
2433.44	24.54	270.30	2426.00	0.27	-51.77	611258.87	470565.53	32	40	48.651 N	104	33	48.081 W
2450.00	26.20	270.30	2440.96	0.30	-58.87	611258.90	470558.43	32	40	48.651 N	104	33	48.164 W
2500.00	31.20	270.30	2484.81	0.43	-82.87	611259.03	470534.43	32	40	48.652 N	104	33	48.445 W
2550.00	36.20	270.30	2526.39	0.57	-110.60	611259.17	470506.70	32	40	48.653 N	104	33	48.769 W
2594.18	40.62	270.30	2561.00	0.71	-138.04	611259.31	470479.26	32	40	48.654 N	104	33	49.090 W
2600.00	41.20	270.30	2565.40	0.73	-141.85	611259.33	470475.45	32	40	48.654 N	104	33	49.135 W
2650.00	46.20	270.30	2601.54	0.91	-176.39	611259.51	470440.91	32	40	48.655 N	104	33	49.539 W
2700.00	51.20	270.30	2634.53	1.10	-213.94	611259.70	470403.36	32	40	48.656 N	104	33	49.979 W
2750.00	56.20	270.30	2664.12	1.31	-254.22	611259.91	470363.08	32	40	48.657 N	104	33	50.450 W
2791.63	60.36	270.30	2686.00	1.49	-289.62	611260.09	470327.68	32	40	48.658 N	104	33	50.864 W
2800.00	61.20	270.30	2690.09	1.53	-296.93	611260.13	470320.37	32	40	48.658 N	104	33	50.950 W
2850.00	66.20	270.30	2712.23	1.76	-341.74	611260.36	470275.56	32	40	48.660 N	104	33	51.474 W
2900.00	71.20	270.30	2730.39	2.00	-388.31	611260.60	470228.99	32	40	48.661 N	104	33	52.019 W
2950.00	76.20	270.30	2744.42	2.25	-436.28	611260.85	470181.02	32	40	48.662 N	104	33	52.580 W
3000.00	81.20	270.30	2754.21	2.50	-485.30	611261.10	470132.00	32	40	48.664 N	104	33	53.154 W
3050.00	86.20	270.30	2759.70	2.76	-534.98	611261.36	470082.32	32	40	48.665 N	104	33	53.735 W
3087.99	90.00	270.30	2760.96	2.95	-572.94	611261.55	470044.36	32	40	48.666 N	104	33	54.179 W
3100.00	90.00	270.30	2760.96	3.01	-584.95	611261.61	470032.35	32	40	48.667 N	104	33	54.320 W
3200.00	90.00	270.30	2760.96	3.53	-684.95	611262.13	469932.35	32	40	48.670 N	104	33	55.490 W
3300.00	90.00	270.30	2760.96	4.04	-784.95	611262.64	469832.35	32	40	48.673 N	104	33	56.660 W
3400.00	90.00	270.30	2760.96	4.56	-884.95	611263.16	469732.35	32	40	48.676 N	104	33	57.830 W
3500.00	90.00	270.30	2760.96	5.07	-984.94	611263.67	469632.36	32	40	48.678 N	104	33	59.000 W
3600.00	90.00	270.30	2760.96	5.59	-1084.94	611264.19	469532.36	32	40	48.681 N	104	34	0.170 W
3700.00	90.00	270.30	2760.96	6.10	-1184.94	611264.70	469432.36	32	40	48.684 N	104	34	1.340 W
3800.00	90.00	270.30	2760.96	6.62	-1284.94	611265.22	469332.36	32	40	48.687 N	104	34	2.510 W
3900.00	90.00	270.30	2760.97	7.13	-1384.94	611265.73	469232.36	32	40	48.690 N	104	34	3.680 W
4000.00	90.00	270.30	2760.97	7.65	-1484.94	611266.25	469132.36	32	40	48.693 N	104	34	4.850 W
4100.00	90.00	270.30	2760.97	8.16	-1584.94	611266.76	469032.36	32	40	48.696 N	104	34	6.020 W
4200.00	90.00	270.30	2760.97	8.68	-1684.94	611267.28	468932.36	32	40	48.699 N	104	34	7.190 W
4300.00	90.00	270.30	2760.97	9.19	-1784.93	611267.79	468832.37	32	40	48.702 N	104	34	8.360 W
4400.00	90.00	270.30	2760.97	9.71	-1884.93	611268.31	468732.37	32	40	48.705 N	104	34	9.530 W
4500.00	90.00	270.30	2760.97	10.23	-1984.93	611268.83	468632.37	32	40	48.708 N	104	34	10.700 W
4600.00	90.00	270.30	2760.97	10.74	-2084.93	611269.34	468532.37	32	40	48.710 N	104	34	11.870 W
4700.00	90.00	270.30	2760.97	11.26	-2184.93	611269.86	468432.37	32	40	48.713 N	104	34	13.040 W
4800.00	90.00	270.30	2760.97	11.77	-2284.93	611270.37	468332.37	32	40	48.716 N	104	34	14.210 W
4900.00	90.00	270.30	2760.97	12.29	-2384.93	611270.89	468232.37	32	40	48.719 N	104	34	15.380 W
5000.00	90.00	270.30	2760.98	12.80	-2484.92	611271.40	468132.38	32	40	48.722 N	104	34	16.550 W
5100.00	90.00	270.30	2760.98	13.32	-2584.92	611271.92	468032.38	32	40	48.725 N	104	34	17.720 W
5200.00	90.00	270.30	2760.98	13.83	-2684.92	611272.43	467932.38	32	40	48.728 N	104	34	18.890 W
5300.00	90.00	270.30	2760.98	14.35	-2784.92	611272.95	467832.38	32	40	48.731 N	104	34	20.060 W
5400.00	90.00	270.30	2760.98	14.86	-2884.92	611273.46	467732.38	32	40	48.733 N	104	34	21.231 W
5500.00	90.00	270.30	2760.98	15.38	-2984.92	611273.98	467632.38	32	40	48.736 N	104	34	22.401 W
5600.00	90.00	270.30	2760.98	15.89	-3084.92	611274.49	467532.38	32	40	48.739 N	104	34	23.571 W
5700.00	90.00	270.30	2760.98	16.41	-3184.92	611275.01	467432.38	32	40	48.742 N	104	34	24.741 W
5800.00	90.00	270.30	2760.98	16.92	-3284.91	611275.52	467332.39	32	40	48.745 N	104	34	25.911 W
5900.00	90.00	270.30	2760.98	17.44	-3384.91	611276.04	467232.39	32	40	48.748 N	104	34	27.081 W
6000.00	90.00	270.30	2760.98	17.95	-3484.91	611276.55	467132.39	32	40	48.751 N	104	34	28.251 W
6100.00	90.00	270.30	2760.99	18.47	-3584.91	611277.07	467032.39	32	40	48.753 N	104	34	29.421 W
6200.00	90.00	270.30	2760.99	18.98	-3684.91	611277.58	466932.39	32	40	48.756 N	104	34	30.591 W
6300.00	90.00	270.30	2760.99	19.50	-3784.91	611278.10	466832.39	32	40	48.759 N	104	34	31.761 W

Aim Directional Services

Planning Report - Geographic

Company:	Nearburg Producing Company	Date:	2011/04/27	Time:	14:57:58	Page:	4
Field:	Eddy County, New Mexico	Co-ordinate(NE) Reference:	Well: #1, Grid North				
Site:	Rose #1	Vertical (TVD) Reference:	SITE 3386.0				
Well:	#1	Section (VS) Reference:	Well (0.00N,0.00E,270.30Azi)				
Wellpath:	Lateral 1r0	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 --->			<--- Longitude --->		
								Deg	Min	Sec	Deg	Min	Sec
6400.00	90.00	270.30	2760.99	20.01	-3884.91	611278.61	466732.39	32	40	48.762 N	104	34	32.931 W
6500.00	90.00	270.30	2760.99	20.53	-3984.90	611279.13	466632.40	32	40	48.765 N	104	34	34.101 W
6600.00	90.00	270.30	2760.99	21.04	-4084.90	611279.64	466532.40	32	40	48.768 N	104	34	35.271 W
6700.00	90.00	270.30	2760.99	21.56	-4184.90	611280.16	466432.40	32	40	48.770 N	104	34	36.441 W
6800.00	90.00	270.30	2760.99	22.07	-4284.90	611280.67	466332.40	32	40	48.773 N	104	34	37.611 W
6900.00	90.00	270.30	2760.99	22.59	-4384.90	611281.19	466232.40	32	40	48.776 N	104	34	38.781 W
7000.00	90.00	270.30	2760.99	23.10	-4484.90	611281.70	466132.40	32	40	48.779 N	104	34	39.951 W
7100.00	90.00	270.30	2760.99	23.62	-4584.90	611282.22	466032.40	32	40	48.782 N	104	34	41.121 W
7200.00	90.00	270.30	2761.00	24.13	-4684.90	611282.73	465932.40	32	40	48.785 N	104	34	42.291 W
7300.00	90.00	270.30	2761.00	24.65	-4784.89	611283.25	465832.41	32	40	48.787 N	104	34	43.461 W
7400.00	90.00	270.30	2761.00	25.16	-4884.89	611283.76	465732.41	32	40	48.790 N	104	34	44.631 W
7500.00	90.00	270.30	2761.00	25.68	-4984.89	611284.28	465632.41	32	40	48.793 N	104	34	45.801 W
7600.00	90.00	270.30	2761.00	26.19	-5084.89	611284.79	465532.41	32	40	48.796 N	104	34	46.971 W
7640.01	90.00	270.30	2761.00	26.40	-5124.90	611285.00	465492.40	32	40	48.797 N	104	34	47.440 W

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
								Deg	Min	Sec	Deg	Min	Sec
PBHL - Lateral			2761.00	26.40	-5124.90	611285.00	465492.40	32	40	48.797 N	104	34	47.440 W

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
	0.00	Grayburg		0.00	0.00
	0.00	San Andres		0.00	0.00
2433.44	2426.00	Glorieta		0.00	0.00
2594.18	2561.00	Yeso		0.00	0.00
2791.63	2686.00	Mid Yeso Mkr		0.00	0.00

Annotation

MD ft	TVD ft	
2188.00	2188.00	KOP, Build 10.00°/100°
3087.99	2760.96	Hold 90.00°, 270.30° Azimuth
7640.01	2761.00	PBHL - Lateral