

Nearburg Producing

Rose, Well No. 12 **HE #1H**
Eddy County, New Mexico
Quote No. 042711141

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MAY 03 2011

NMOCD ARTESIA

DETAILS

30-019-39001

Aim

Directional Services, LLC

SITE DETAILS

Rose #2

Site Centre Northing: 609938.90
Easting: 470620.30

Ground Level: 3383.00
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	2185.00	2185.00	KOP, Build 10.00°/100'
2	2757.96	3084.99	Hold 90.00°, 270.30° Azimuth
3	2758.00	7636.61	PBHL - Lateral



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

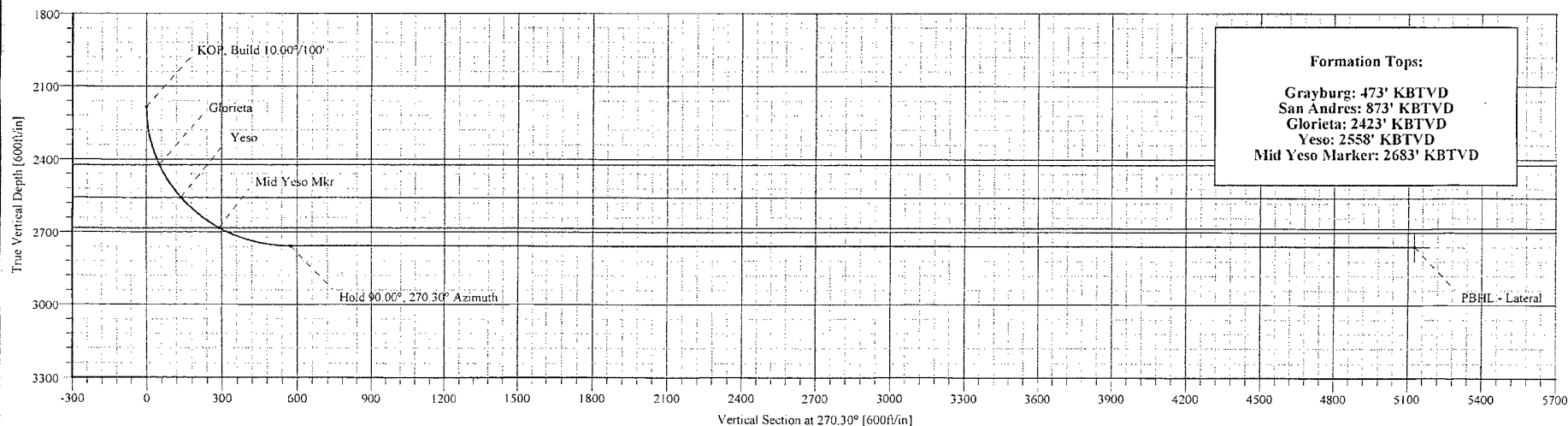
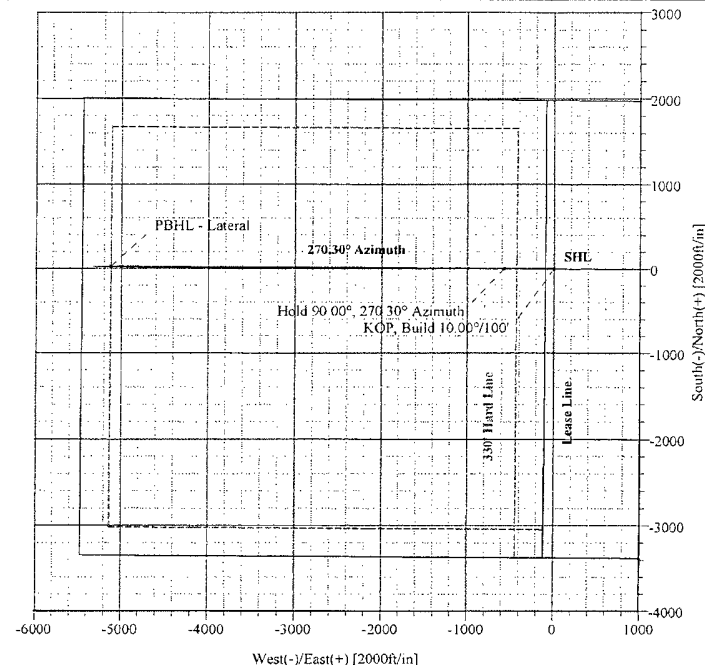
Magnetic Field
Strength: 48814nT
Dip Angle: 60.43°
Date: 2011/04/27
Model: WMM_2010

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Lateral	2758.00	26.40	-5124.50	609965.30	465495.80	32°40'35.738N	104°34'47.364W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	2185.00	0.00	0.00	2185.00	0.00	0.00	0.00	0.00	0.00	
2	3084.99	90.00	270.30	2757.96	2.95	-572.94	10.00	270.30	2.95	
3	7636.61	90.00	270.30	2758.00	26.40	-5124.50	0.00	0.00	26.40	PBHL - Lateral



Formation Tops:

Grayburg: 473' KBTVD
San Andres: 873' KBTVD
Glorieta: 2423' KBTVD
Yeso: 2558' KBTVD
Mid Yeso Marker: 2683' KBTVD

Drawn By: SNH
Date Created: 04/27/11
Date Revised: 04/27/11

File: Nearburg Producing - Rose #2 Lateral 1r0.gp32

Aim Directional Services

Planning Report - Geographic

Company: Nearburg Producing Company Field: Eddy County, New Mexico Site: Rose #2 Well: #2 Wellpath: Lateral 1r0	Date: 2011/04/27 Time: 15:27:31 Page: 1 Co-ordinate(N/E) Reference: Well: #2, Grid North Vertical (TVD) Reference: SITE 3383.0 Section (VS) Reference: Well (0.00N,0.00E,270.30Azi) Plan: Lateral 1r0
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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 #2

Site Position:	Northing: 609938.90 ft	Latitude: 32 40 35.591 N
From: Map	Easting: 470620.30 ft	Longitude: 104 33 47.407 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3383.00 ft		Grid Convergence: -0.12 deg

Well: #2

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 609938.90 ft	Latitude: 32 40 35.591 N
	+E/-W 0.00 ft	Easting : 470620.30 ft	Longitude: 104 33 47.407 W
Position Uncertainty: 0.00 ft			

Wellpath: Lateral 1r0

Current Datum: SITE	Height 3383.00 ft	Drilled From: Surface	Tie-on Depth: 0.00 ft
Magnetic Data: 2011/04/27		Above System Datum: Mean Sea Level	
Field Strength: 48814 nT		Declination: 8.10 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	270.30

Plan: Lateral 1r0

Date Composed: 2011/04/27
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
2185.00	0.00	0.00	2185.00	0.00	0.00	0.00	0.00	0.00	0.00	
3084.99	90.00	270.30	2757.96	2.95	-572.94	10.00	10.00	-9.97	270.30	
7636.61	90.00	270.30	2758.00	26.40	-5124.50	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
2185.00	0.00	0.00	2185.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	1.50	270.30	2200.00	0.00	-0.20	0.20	10.00	10.00	0.00	0.00
2250.00	6.50	270.30	2249.86	0.02	-3.68	3.68	10.00	10.00	0.00	0.00
2300.00	11.50	270.30	2299.23	0.06	-11.50	11.50	10.00	10.00	0.00	0.00
2350.00	16.50	270.30	2347.73	0.12	-23.59	23.59	10.00	10.00	0.00	0.00
2400.00	21.50	270.30	2394.99	0.21	-39.87	39.87	10.00	10.00	0.00	0.00
2430.44	24.54	270.30	2423.00	0.27	-51.77	51.77	10.00	10.00	0.00	0.00
2450.00	26.50	270.30	2440.65	0.31	-60.20	60.20	10.00	10.00	0.00	0.00
2500.00	31.50	270.30	2484.37	0.43	-84.43	84.43	10.00	10.00	0.00	0.00
2550.00	36.50	270.30	2525.81	0.58	-112.38	112.38	10.00	10.00	0.00	0.00
2591.18	40.62	270.30	2558.00	0.71	-138.04	138.04	10.00	10.00	0.00	0.00
2600.00	41.50	270.30	2564.65	0.74	-143.84	143.84	10.00	10.00	0.00	0.00
2650.00	46.50	270.30	2600.61	0.92	-178.56	178.56	10.00	10.00	0.00	0.00
2700.00	51.50	270.30	2633.40	1.11	-216.28	216.28	10.00	10.00	0.00	0.00
2750.00	56.50	270.30	2662.78	1.32	-256.72	256.72	10.00	10.00	0.00	0.00
2788.63	60.36	270.30	2683.00	1.49	-289.62	289.63	10.00	10.00	0.00	0.00
2800.00	61.50	270.30	2688.53	1.54	-299.56	299.57	10.00	10.00	0.00	0.00
2850.00	66.50	270.30	2710.44	1.77	-344.49	344.49	10.00	10.00	0.00	0.00
2900.00	71.50	270.30	2728.35	2.02	-391.15	391.16	10.00	10.00	0.00	0.00
2950.00	76.50	270.30	2742.13	2.26	-439.20	439.20	10.00	10.00	0.00	0.00
3000.00	81.50	270.30	2751.66	2.52	-488.26	488.27	10.00	10.00	0.00	0.00

Aim Directional Services

Planning Report - Geographic

Company: Nearburg Producing Company	Date: 2011/04/27	Time: 15:27:31	Page: 2
Field: Eddy County, New Mexico	Co-ordinate(NE) Reference: Well: #2, Grid North		
Site: Rose #2	Vertical (TVD) Reference: SITE 3383.0		
Well: #2	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	86.50	270.30	2756.89	2.77	-537.97	537.98	10.00	10.00	0.00	0.00
3084.99	90.00	270.30	2757.96	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	2757.96	3.03	-587.95	587.96	0.00	0.00	0.00	0.00
3200.00	90.00	270.30	2757.96	3.54	-687.95	687.96	0.00	0.00	0.00	0.00
3300.00	90.00	270.30	2757.96	4.06	-787.95	787.96	0.00	0.00	0.00	0.00
3400.00	90.00	270.30	2757.96	4.57	-887.95	887.96	0.00	0.00	0.00	0.00
3500.00	90.00	270.30	2757.96	5.09	-987.94	987.96	0.00	0.00	0.00	0.00
3600.00	90.00	270.30	2757.96	5.60	-1087.94	1087.96	0.00	0.00	0.00	0.00
3700.00	90.00	270.30	2757.96	6.12	-1187.94	1187.96	0.00	0.00	0.00	0.00
3800.00	90.00	270.30	2757.96	6.64	-1287.94	1287.96	0.00	0.00	0.00	0.00
3900.00	90.00	270.30	2757.97	7.15	-1387.94	1387.96	0.00	0.00	0.00	0.00
4000.00	90.00	270.30	2757.97	7.67	-1487.94	1487.96	0.00	0.00	0.00	0.00
4100.00	90.00	270.30	2757.97	8.18	-1587.94	1587.96	0.00	0.00	0.00	0.00
4200.00	90.00	270.30	2757.97	8.70	-1687.94	1687.96	0.00	0.00	0.00	0.00
4300.00	90.00	270.30	2757.97	9.21	-1787.93	1787.96	0.00	0.00	0.00	0.00
4400.00	90.00	270.30	2757.97	9.73	-1887.93	1887.96	0.00	0.00	0.00	0.00
4500.00	90.00	270.30	2757.97	10.24	-1987.93	1987.96	0.00	0.00	0.00	0.00
4600.00	90.00	270.30	2757.97	10.76	-2087.93	2087.96	0.00	0.00	0.00	0.00
4700.00	90.00	270.30	2757.97	11.27	-2187.93	2187.96	0.00	0.00	0.00	0.00
4800.00	90.00	270.30	2757.97	11.79	-2287.93	2287.96	0.00	0.00	0.00	0.00
4900.00	90.00	270.30	2757.97	12.30	-2387.93	2387.96	0.00	0.00	0.00	0.00
5000.00	90.00	270.30	2757.98	12.82	-2487.92	2487.96	0.00	0.00	0.00	0.00
5100.00	90.00	270.30	2757.98	13.33	-2587.92	2587.96	0.00	0.00	0.00	0.00
5200.00	90.00	270.30	2757.98	13.85	-2687.92	2687.96	0.00	0.00	0.00	0.00
5300.00	90.00	270.30	2757.98	14.36	-2787.92	2787.96	0.00	0.00	0.00	0.00
5400.00	90.00	270.30	2757.98	14.88	-2887.92	2887.96	0.00	0.00	0.00	0.00
5500.00	90.00	270.30	2757.98	15.39	-2987.92	2987.96	0.00	0.00	0.00	0.00
5600.00	90.00	270.30	2757.98	15.91	-3087.92	3087.96	0.00	0.00	0.00	0.00
5700.00	90.00	270.30	2757.98	16.42	-3187.92	3187.96	0.00	0.00	0.00	0.00
5800.00	90.00	270.30	2757.98	16.94	-3287.91	3287.96	0.00	0.00	0.00	0.00
5900.00	90.00	270.30	2757.98	17.45	-3387.91	3387.96	0.00	0.00	0.00	0.00
6000.00	90.00	270.30	2757.98	17.97	-3487.91	3487.96	0.00	0.00	0.00	0.00
6100.00	90.00	270.30	2757.99	18.48	-3587.91	3587.96	0.00	0.00	0.00	0.00
6200.00	90.00	270.30	2757.99	19.00	-3687.91	3687.96	0.00	0.00	0.00	0.00
6300.00	90.00	270.30	2757.99	19.51	-3787.91	3787.96	0.00	0.00	0.00	0.00
6400.00	90.00	270.30	2757.99	20.03	-3887.91	3887.96	0.00	0.00	0.00	0.00
6500.00	90.00	270.30	2757.99	20.54	-3987.90	3987.96	0.00	0.00	0.00	0.00
6600.00	90.00	270.30	2757.99	21.06	-4087.90	4087.96	0.00	0.00	0.00	0.00
6700.00	90.00	270.30	2757.99	21.57	-4187.90	4187.96	0.00	0.00	0.00	0.00
6800.00	90.00	270.30	2757.99	22.09	-4287.90	4287.96	0.00	0.00	0.00	0.00
6900.00	90.00	270.30	2757.99	22.61	-4387.90	4387.96	0.00	0.00	0.00	0.00
7000.00	90.00	270.30	2757.99	23.12	-4487.90	4487.96	0.00	0.00	0.00	0.00
7100.00	90.00	270.30	2758.00	23.64	-4587.90	4587.96	0.00	0.00	0.00	0.00
7200.00	90.00	270.30	2758.00	24.15	-4687.90	4687.96	0.00	0.00	0.00	0.00
7300.00	90.00	270.30	2758.00	24.67	-4787.89	4787.96	0.00	0.00	0.00	0.00
7400.00	90.00	270.30	2758.00	25.18	-4887.89	4887.96	0.00	0.00	0.00	0.00
7500.00	90.00	270.30	2758.00	25.70	-4987.89	4987.96	0.00	0.00	0.00	0.00
7600.00	90.00	270.30	2758.00	26.21	-5087.89	5087.96	0.00	0.00	0.00	0.00
7636.61	90.00	270.30	2758.00	26.40	-5124.50	5124.57	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		
2185.00	0.00	0.00	2185.00	0.00	0.00	609938.90	470620.30	32	40	35.591 N	104	33	47.407 W
2200.00	1.50	270.30	2200.00	0.00	-0.20	609938.90	470620.10	32	40	35.591 N	104	33	47.409 W
2250.00	6.50	270.30	2249.86	0.02	-3.68	609938.92	470616.62	32	40	35.591 N	104	33	47.450 W
2300.00	11.50	270.30	2299.23	0.06	-11.50	609938.96	470608.80	32	40	35.591 N	104	33	47.541 W

Aim Directional Services

Planning Report - Geographic

Company: Nearburg Producing Company	Date: 2011/04/27	Time: 15:27:31	Page: 3
Field: Eddy County, New Mexico	Co-ordinate(NE) Reference: Well: #2, Grid North		
Site: Rose #2	Vertical (TVD) Reference: SITE 3383.0		
Well: #2	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	16.50	270.30	2347.73	0.12	-23.59	609939.02	470596.71	32	40	35.592 N	104	33	47.683 W
2400.00	21.50	270.30	2394.99	0.21	-39.87	609939.11	470580.43	32	40	35.592 N	104	33	47.873 W
2430.44	24.54	270.30	2423.00	0.27	-51.77	609939.17	470568.53	32	40	35.592 N	104	33	48.012 W
2450.00	26.50	270.30	2440.65	0.31	-60.20	609939.21	470560.10	32	40	35.593 N	104	33	48.111 W
2500.00	31.50	270.30	2484.37	0.43	-84.43	609939.33	470535.87	32	40	35.593 N	104	33	48.395 W
2550.00	36.50	270.30	2525.81	0.58	-112.38	609939.48	470507.92	32	40	35.594 N	104	33	48.722 W
2591.18	40.62	270.30	2558.00	0.71	-138.04	609939.61	470482.26	32	40	35.595 N	104	33	49.022 W
2600.00	41.50	270.30	2564.65	0.74	-143.84	609939.64	470476.46	32	40	35.595 N	104	33	49.090 W
2650.00	46.50	270.30	2600.61	0.92	-178.56	609939.82	470441.74	32	40	35.596 N	104	33	49.496 W
2700.00	51.50	270.30	2633.40	1.11	-216.28	609940.01	470404.02	32	40	35.597 N	104	33	49.937 W
2750.00	56.50	270.30	2662.78	1.32	-256.72	609940.22	470363.58	32	40	35.598 N	104	33	50.410 W
2788.63	60.36	270.30	2683.00	1.49	-289.62	609940.39	470330.68	32	40	35.599 N	104	33	50.795 W
2800.00	61.50	270.30	2688.53	1.54	-299.56	609940.44	470320.74	32	40	35.600 N	104	33	50.912 W
2850.00	66.50	270.30	2710.44	1.77	-344.49	609940.67	470275.81	32	40	35.601 N	104	33	51.437 W
2900.00	71.50	270.30	2728.35	2.02	-391.15	609940.92	470229.15	32	40	35.602 N	104	33	51.983 W
2950.00	76.50	270.30	2742.13	2.26	-439.20	609941.16	470181.10	32	40	35.604 N	104	33	52.545 W
3000.00	81.50	270.30	2751.66	2.52	-488.26	609941.42	470132.04	32	40	35.605 N	104	33	53.120 W
3050.00	86.50	270.30	2756.89	2.77	-537.97	609941.67	470082.33	32	40	35.607 N	104	33	53.701 W
3084.99	90.00	270.30	2757.96	2.95	-572.94	609941.85	470047.36	32	40	35.608 N	104	33	54.110 W
3100.00	90.00	270.30	2757.96	3.03	-587.95	609941.93	470032.35	32	40	35.608 N	104	33	54.286 W
3200.00	90.00	270.30	2757.96	3.54	-687.95	609942.44	469932.35	32	40	35.611 N	104	33	55.456 W
3300.00	90.00	270.30	2757.96	4.06	-787.95	609942.96	469832.35	32	40	35.614 N	104	33	56.626 W
3400.00	90.00	270.30	2757.96	4.57	-887.95	609943.47	469732.35	32	40	35.617 N	104	33	57.796 W
3500.00	90.00	270.30	2757.96	5.09	-987.94	609943.99	469632.36	32	40	35.620 N	104	33	58.966 W
3600.00	90.00	270.30	2757.96	5.60	-1087.94	609944.50	469532.36	32	40	35.623 N	104	34	0.136 W
3700.00	90.00	270.30	2757.96	6.12	-1187.94	609945.02	469432.36	32	40	35.626 N	104	34	1.306 W
3800.00	90.00	270.30	2757.96	6.64	-1287.94	609945.54	469332.36	32	40	35.629 N	104	34	2.476 W
3900.00	90.00	270.30	2757.97	7.15	-1387.94	609946.05	469232.36	32	40	35.632 N	104	34	3.646 W
4000.00	90.00	270.30	2757.97	7.67	-1487.94	609946.57	469132.36	32	40	35.634 N	104	34	4.816 W
4100.00	90.00	270.30	2757.97	8.18	-1587.94	609947.08	469032.36	32	40	35.637 N	104	34	5.986 W
4200.00	90.00	270.30	2757.97	8.70	-1687.94	609947.60	468932.36	32	40	35.640 N	104	34	7.156 W
4300.00	90.00	270.30	2757.97	9.21	-1787.93	609948.11	468832.37	32	40	35.643 N	104	34	8.326 W
4400.00	90.00	270.30	2757.97	9.73	-1887.93	609948.63	468732.37	32	40	35.646 N	104	34	9.496 W
4500.00	90.00	270.30	2757.97	10.24	-1987.93	609949.14	468632.37	32	40	35.649 N	104	34	10.666 W
4600.00	90.00	270.30	2757.97	10.76	-2087.93	609949.66	468532.37	32	40	35.652 N	104	34	11.836 W
4700.00	90.00	270.30	2757.97	11.27	-2187.93	609950.17	468432.37	32	40	35.655 N	104	34	13.006 W
4800.00	90.00	270.30	2757.97	11.79	-2287.93	609950.69	468332.37	32	40	35.658 N	104	34	14.176 W
4900.00	90.00	270.30	2757.97	12.30	-2387.93	609951.20	468232.37	32	40	35.661 N	104	34	15.346 W
5000.00	90.00	270.30	2757.98	12.82	-2487.92	609951.72	468132.38	32	40	35.663 N	104	34	16.516 W
5100.00	90.00	270.30	2757.98	13.33	-2587.92	609952.23	468032.38	32	40	35.666 N	104	34	17.686 W
5200.00	90.00	270.30	2757.98	13.85	-2687.92	609952.75	467932.38	32	40	35.669 N	104	34	18.856 W
5300.00	90.00	270.30	2757.98	14.36	-2787.92	609953.26	467832.38	32	40	35.672 N	104	34	20.026 W
5400.00	90.00	270.30	2757.98	14.88	-2887.92	609953.78	467732.38	32	40	35.675 N	104	34	21.196 W
5500.00	90.00	270.30	2757.98	15.39	-2987.92	609954.29	467632.38	32	40	35.678 N	104	34	22.366 W
5600.00	90.00	270.30	2757.98	15.91	-3087.92	609954.81	467532.38	32	40	35.681 N	104	34	23.536 W
5700.00	90.00	270.30	2757.98	16.42	-3187.92	609955.32	467432.38	32	40	35.683 N	104	34	24.706 W
5800.00	90.00	270.30	2757.98	16.94	-3287.91	609955.84	467332.39	32	40	35.686 N	104	34	25.876 W
5900.00	90.00	270.30	2757.98	17.45	-3387.91	609956.35	467232.39	32	40	35.689 N	104	34	27.046 W
6000.00	90.00	270.30	2757.98	17.97	-3487.91	609956.87	467132.39	32	40	35.692 N	104	34	28.216 W
6100.00	90.00	270.30	2757.99	18.48	-3587.91	609957.38	467032.39	32	40	35.695 N	104	34	29.386 W
6200.00	90.00	270.30	2757.99	19.00	-3687.91	609957.90	466932.39	32	40	35.698 N	104	34	30.556 W
6300.00	90.00	270.30	2757.99	19.51	-3787.91	609958.41	466832.39	32	40	35.701 N	104	34	31.726 W

Aim Directional Services

Planning Report - Geographic

Company:	Nearburg Producing Company	Date:	2011/04/27	Time:	15:27:31	Page:	4
Field:	Eddy County, New Mexico	Co-ordinate(NE) Reference:	Well: #2; Grid North				
Site:	Rose #2	Vertical (TVD) Reference:	SITE 3383.0				
Well:	#2	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	
6400.00	90.00	270.30	2757.99	20.03	-3887.91	609958.93	466732.39	32	40	35.703 N	104 34 32.896 W
6500.00	90.00	270.30	2757.99	20.54	-3987.90	609959.44	466632.40	32	40	35.706 N	104 34 34.066 W
6600.00	90.00	270.30	2757.99	21.06	-4087.90	609959.96	466532.40	32	40	35.709 N	104 34 35.236 W
6700.00	90.00	270.30	2757.99	21.57	-4187.90	609960.47	466432.40	32	40	35.712 N	104 34 36.406 W
6800.00	90.00	270.30	2757.99	22.09	-4287.90	609960.99	466332.40	32	40	35.715 N	104 34 37.576 W
6900.00	90.00	270.30	2757.99	22.61	-4387.90	609961.51	466232.40	32	40	35.718 N	104 34 38.746 W
7000.00	90.00	270.30	2757.99	23.12	-4487.90	609962.02	466132.40	32	40	35.720 N	104 34 39.916 W
7100.00	90.00	270.30	2758.00	23.64	-4587.90	609962.54	466032.40	32	40	35.723 N	104 34 41.086 W
7200.00	90.00	270.30	2758.00	24.15	-4687.90	609963.05	465932.40	32	40	35.726 N	104 34 42.256 W
7300.00	90.00	270.30	2758.00	24.67	-4787.89	609963.57	465832.41	32	40	35.729 N	104 34 43.426 W
7400.00	90.00	270.30	2758.00	25.18	-4887.89	609964.08	465732.41	32	40	35.732 N	104 34 44.596 W
7500.00	90.00	270.30	2758.00	25.70	-4987.89	609964.60	465632.41	32	40	35.734 N	104 34 45.766 W
7600.00	90.00	270.30	2758.00	26.21	-5087.89	609965.11	465532.41	32	40	35.737 N	104 34 46.936 W
7636.61	90.00	270.30	2758.00	26.40	-5124.50	609965.30	465495.80	32	40	35.738 N	104 34 47.364 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		2758.00	26.40	-5124.50	609965.30	465495.80	32	40	35.738 N	104 34 47.364 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
2430.44	2423.00	Glorieta		0.00	0.00
2591.18	2558.00	Yeso		0.00	0.00
2788.63	2683.00	Mid Yeso Mkr		0.00	0.00

Annotation

MD ft	TVD ft	
2185.00	2185.00	KOP, Build 10.00°/100'
3084.99	2757.96	Hold 90.00°, 270.30° Azimuth
7636.61	2758.00	PBHL - Lateral