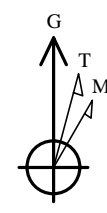
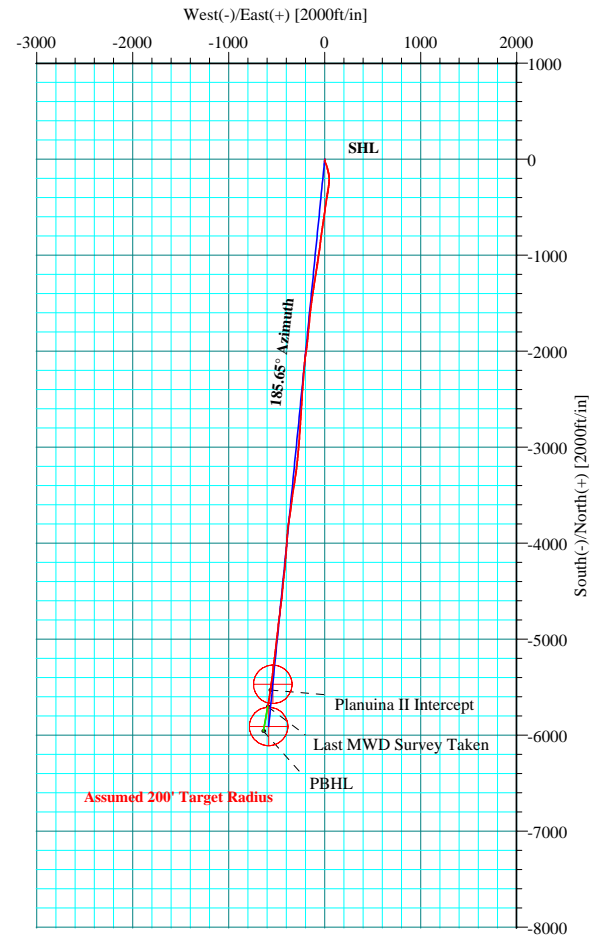
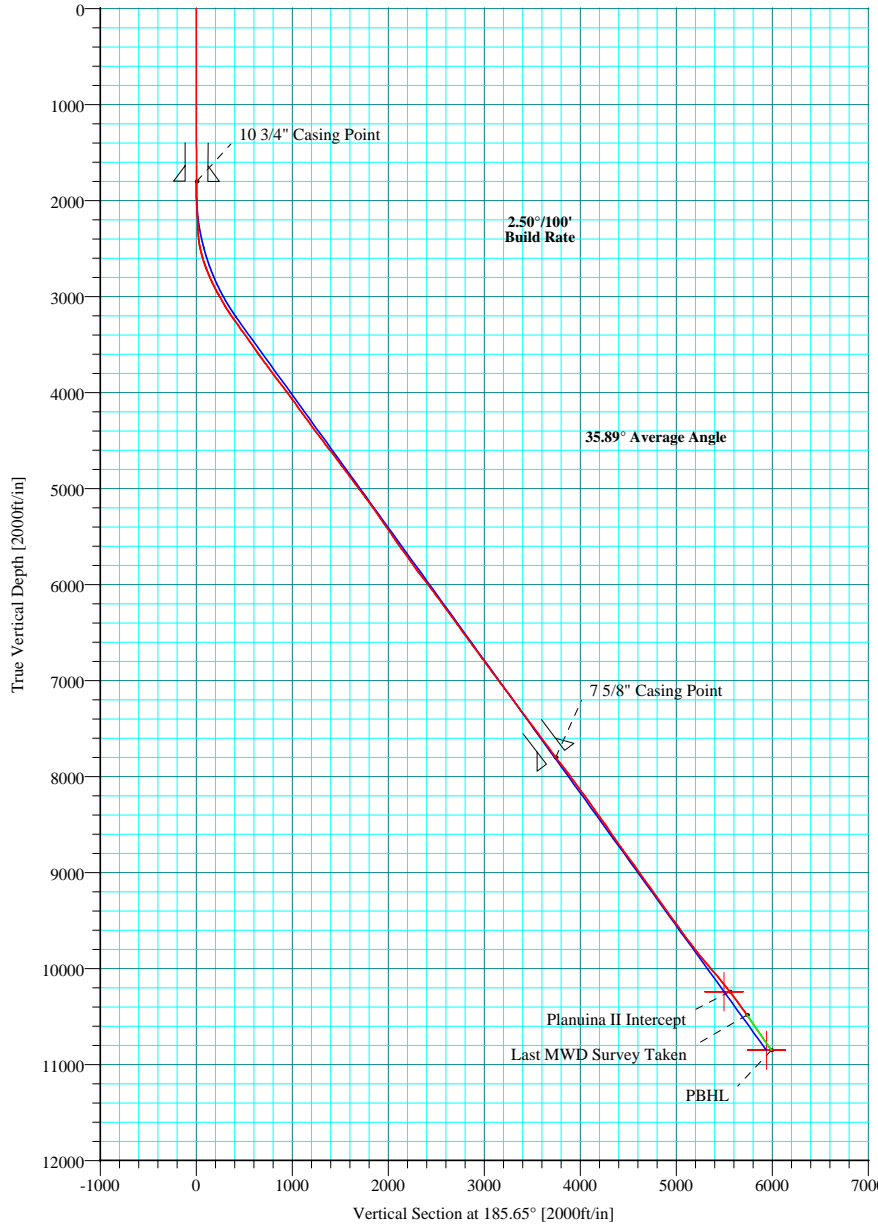


# Endeavor Natural Gas, LP

Larco, Well No. 1  
 Cameron Parish, LA  
 Quote No. 042109074



Azimuths to Grid North  
 True North: 0.71°  
 Magnetic North: 2.57°  
 Magnetic Field  
 Strength: 48185nT  
 Dip Angle: 59.62°  
 Date: 08/06/2009  
 Model: Wmm\_2005

FIELD DETAILS	
Cameron Parish, LA	
Geodetic System:	US State Plane Coordinate System 1927
Ellipsoid:	NAD27 (Clarke 1866)
Zone:	Louisiana, Southern Zone
Magnetic Model:	Wmm_2005
System Datum:	Mean Sea Level
Local North:	Grid North

SITE DETAILS	
Larco #1	
Site Centre Latitude:	29°58'48.160N
Longitude:	092°45'10.420W
Ground Level:	0.00
Positional Uncertainty:	0.00
Convergence:	-0.71

### TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Planuina II	10240.00	-5470.37	-540.84	474914.10	1550033.91	Circle (Radius: 200)
PBHL	10850.00	-5909.56	-584.26	474474.91	1549990.49	Circle (Radius: 200)

Drawn By: ALR  
 Date Created: 04/21/09  
 Date Revised: 08/21/09  
 File: Endeavor Natural Gas - Larco #1 as drilled.gpf32

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	12334.00	35.00	190.00	10482.67	-5704.38	-594.00	0.00	0.00	5735.15	
2	12782.43	35.00	190.00	10850.00	-5957.68	-638.67	0.00	0.00	5991.61	PBHL

### ANNOTATIONS

No.	TVD	MD	Annotation
1	10482.67	12334.00	Last MWD Survey Taken
2	10240.00	12032.84	Planuina II Intercept
3	10850.00	12782.43	PBHL

# Aim Directional Services, LLC

## Survey Report

<b>Company:</b> Endeavor Natural Gas, L.P.	<b>Date:</b> 08/22/2009	<b>Time:</b> 06:02:35	<b>Page:</b> 1
<b>Field:</b> Cameron Parish, LA	<b>Co-ordinate(NE) Reference:</b> Well: #1, Grid North		
<b>Site:</b> Larco #1	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #1	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,185.65Azi)		
<b>Wellpath:</b> Aim MWD Surveys	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

<b>Field:</b> Cameron Parish, LA		
<b>Map System:</b> US State Plane Coordinate System 1927	<b>Map Zone:</b> Louisiana, Southern Zone	
<b>Geo Datum:</b> NAD27 (Clarke 1866)	<b>Coordinate System:</b> Well Centre	
<b>Sys Datum:</b> Mean Sea Level	<b>Geomagnetic Model:</b> Wmm_2005	

<b>Site:</b> Larco #1		
<b>Site Position:</b>	<b>Northing:</b> 480384.47 ft	<b>Latitude:</b> 29 58 48.160 N
<b>From:</b> Geographic	<b>Easting:</b> 1550574.75 ft	<b>Longitude:</b> 92 45 10.420 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> Grid
<b>Ground Level:</b> 0.00 ft		<b>Grid Convergence:</b> -0.71 deg

<b>Well:</b> #1			<b>Slot Name:</b>		
<b>Well Position:</b>	<b>+N/-S</b> 0.00 ft	<b>Northing:</b> 480384.47 ft	<b>Latitude:</b> 29 58 48.160 N		
	<b>+E/-W</b> 0.00 ft	<b>Easting :</b> 1550574.75 ft	<b>Longitude:</b> 92 45 10.420 W		
<b>Position Uncertainty:</b>	0.00 ft				

<b>Wellpath:</b> Aim MWD Surveys			<b>Drilled From:</b> Gyro Surveys		
<b>Current Datum:</b> SITE	<b>Height</b> 0.00 ft		<b>Tie-on Depth:</b> 0.00 ft		
<b>Magnetic Data:</b> 08/06/2009			<b>Above System Datum:</b> Mean Sea Level		
<b>Field Strength:</b> 48185 nT			<b>Declination:</b> 1.86 deg		
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	ft	ft	ft	deg	
	0.00	0.00	0.00	185.65	

<b>Survey:</b> Aim MWD Surveys			<b>Start Date:</b> 08/06/2009		
<b>Company:</b> Aim Directional Services, LLC			<b>Engineer:</b> Allison Reinert		
<b>Tool:</b>			<b>Tied-to:</b> User Defined		

Survey: Aim MWD Surveys										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
1783.00	0.25	306.23	1782.98	-3.62	3.32	3.28	0.00	0.00	0.00	Tie into Gyro Surveys
1911.00	0.70	183.60	1910.98	-4.24	3.04	3.92	0.67	0.35	-95.80	
2007.00	1.40	179.70	2006.96	-6.00	3.01	5.67	0.73	0.73	-4.06	
2102.00	2.30	180.80	2101.91	-9.06	2.99	8.72	0.95	0.95	1.16	
2198.00	4.10	195.90	2197.76	-14.29	2.03	14.02	2.05	1.87	15.73	
2294.00	1.10	225.50	2293.65	-18.24	0.43	18.11	3.32	-3.12	30.83	
2389.00	5.30	167.50	2388.49	-23.16	0.73	22.98	5.06	4.42	-61.05	
2485.00	13.60	158.00	2483.11	-37.98	5.92	37.22	8.77	8.65	-9.90	
2580.00	17.20	159.00	2574.69	-61.46	15.15	59.67	3.80	3.79	1.05	
2676.00	20.90	162.10	2665.42	-91.02	25.50	88.06	3.99	3.85	3.23	
2772.00	23.50	166.70	2754.30	-125.95	35.17	121.87	3.26	2.71	4.79	
2867.00	25.80	170.60	2840.64	-164.78	42.90	159.76	2.96	2.42	4.11	
2963.00	28.30	179.40	2926.17	-208.17	46.56	202.58	4.91	2.60	9.17	
3059.00	29.70	186.40	3010.15	-254.58	44.14	249.00	3.82	1.46	7.29	
3154.00	30.60	189.20	3092.31	-301.84	37.65	296.66	1.76	0.95	2.95	
3250.00	33.60	188.90	3173.62	-352.21	29.63	347.58	3.13	3.12	-0.31	
3345.00	36.00	188.50	3251.62	-405.80	21.44	401.72	2.54	2.53	-0.42	
3441.00	35.30	188.50	3329.63	-461.14	13.17	457.60	0.73	-0.73	0.00	
3537.00	35.70	188.50	3407.79	-516.27	4.93	513.28	0.42	0.42	0.00	
3632.00	35.50	188.20	3485.03	-570.99	-3.10	568.52	0.28	-0.21	-0.32	
3728.00	34.30	188.20	3563.77	-625.35	-10.94	623.39	1.25	-1.25	0.00	
3823.00	37.10	188.50	3640.91	-680.20	-18.99	678.76	2.95	2.95	0.32	
3919.00	36.40	188.20	3717.83	-737.02	-27.33	736.14	0.75	-0.73	-0.31	
4014.00	35.80	188.50	3794.58	-792.40	-35.46	792.05	0.66	-0.63	0.32	
4110.00	38.00	186.40	3871.35	-849.55	-42.91	849.65	2.64	2.29	-2.19	

# Aim Directional Services, LLC

## Survey Report

<b>Company:</b> Endeavor Natural Gas, L.P.	<b>Date:</b> 08/22/2009	<b>Time:</b> 06:02:35	<b>Page:</b> 2
<b>Field:</b> Cameron Parish, LA	<b>Co-ordinate(NE) Reference:</b> Well: #1, Grid North		
<b>Site:</b> Larco #1	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #1	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,185.65Azi)		
<b>Wellpath:</b> Aim MWD Surveys	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

**Survey:** Aim MWD Surveys

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	Tool/Comment
4206.00	37.40	187.10	3947.31	-907.85	-49.80	908.34	0.77	-0.62	0.73	
4301.00	36.60	188.50	4023.18	-964.49	-57.56	965.47	1.22	-0.84	1.47	
4397.00	35.80	188.90	4100.65	-1020.54	-66.13	1022.09	0.87	-0.83	0.42	
4493.00	35.40	187.80	4178.71	-1075.83	-74.25	1077.91	0.79	-0.42	-1.15	
4588.00	37.10	188.90	4255.32	-1131.40	-82.42	1134.02	1.92	1.79	1.16	
4684.00	36.60	189.20	4332.14	-1188.25	-91.47	1191.49	0.55	-0.52	0.31	
4779.00	36.60	188.90	4408.40	-1244.19	-100.38	1248.03	0.19	0.00	-0.32	
4875.00	36.70	188.50	4485.43	-1300.84	-109.05	1305.25	0.27	0.10	-0.42	
4970.00	37.40	188.90	4561.25	-1357.42	-117.71	1362.41	0.78	0.74	0.42	
5066.00	38.30	189.20	4637.05	-1415.59	-126.97	1421.21	0.96	0.94	0.31	
5161.00	36.60	187.10	4712.47	-1472.76	-135.18	1478.91	2.24	-1.79	-2.21	
5257.00	37.10	188.20	4789.29	-1529.82	-142.85	1536.45	0.86	0.52	1.15	
5352.00	36.20	186.00	4865.51	-1586.08	-149.87	1593.13	1.68	-0.95	-2.32	
5448.00	37.30	185.70	4942.43	-1643.22	-155.72	1650.57	1.16	1.15	-0.31	
5543.00	36.70	185.70	5018.30	-1700.11	-161.40	1707.74	0.63	-0.63	0.00	
5639.00	36.20	185.70	5095.52	-1756.86	-167.06	1764.77	0.52	-0.52	0.00	
5734.00	36.70	185.00	5171.93	-1813.06	-172.33	1821.21	0.68	0.53	-0.74	
5830.00	34.80	186.00	5249.84	-1868.88	-177.69	1877.30	2.07	-1.98	1.04	
5929.00	33.80	186.40	5331.62	-1924.34	-183.71	1933.08	1.04	-1.01	0.40	
6027.00	35.70	187.50	5412.14	-1979.79	-190.48	1988.92	2.04	1.94	1.12	
6122.00	34.00	189.30	5490.10	-2033.49	-198.39	2043.14	2.09	-1.79	1.89	
6218.00	34.80	186.40	5569.32	-2087.20	-205.79	2097.32	1.90	0.83	-3.02	
6312.00	36.10	185.00	5645.89	-2141.45	-211.19	2151.84	1.63	1.38	-1.49	
6409.00	36.10	185.00	5724.27	-2198.38	-216.17	2208.99	0.00	0.00	0.00	
6504.00	34.80	184.30	5801.66	-2253.30	-220.64	2264.08	1.43	-1.37	-0.74	
6600.00	37.50	184.30	5879.17	-2309.77	-224.89	2320.68	2.81	2.81	0.00	
6695.00	37.70	184.00	5954.43	-2367.58	-229.08	2378.63	0.29	0.21	-0.32	
6790.00	37.70	183.30	6029.60	-2425.55	-232.78	2436.69	0.45	0.00	-0.74	
6886.00	36.60	183.30	6106.12	-2483.43	-236.12	2494.61	1.15	-1.15	0.00	
6982.00	36.10	183.60	6183.44	-2540.23	-239.54	2551.47	0.55	-0.52	0.31	
7077.00	36.10	184.00	6260.20	-2596.08	-243.25	2607.42	0.25	0.00	0.42	
7173.00	36.10	184.00	6337.76	-2652.50	-247.20	2663.95	0.00	0.00	0.00	
7269.00	35.90	183.30	6415.43	-2708.82	-250.79	2720.35	0.48	-0.21	-0.73	
7364.00	36.10	183.60	6492.29	-2764.55	-254.15	2776.15	0.28	0.21	0.32	
7460.00	36.10	184.00	6569.85	-2820.99	-257.90	2832.68	0.25	0.00	0.42	
7556.00	36.60	184.00	6647.17	-2877.75	-261.87	2889.56	0.52	0.52	0.00	
7651.00	36.40	184.30	6723.54	-2934.11	-265.96	2946.04	0.28	-0.21	0.32	
7747.00	36.10	185.40	6800.96	-2990.67	-270.76	3002.80	0.75	-0.31	1.15	
7842.00	36.20	185.00	6877.67	-3046.48	-275.83	3058.84	0.27	0.11	-0.42	
7938.00	36.60	185.40	6954.94	-3103.22	-281.00	3115.81	0.48	0.42	0.42	
8034.00	37.00	186.40	7031.81	-3160.42	-286.91	3173.31	0.75	0.42	1.04	
8129.00	37.50	186.10	7107.43	-3217.58	-293.17	3230.81	0.56	0.53	-0.32	
8225.00	36.10	188.50	7184.30	-3274.61	-300.46	3288.28	2.09	-1.46	2.50	
8320.00	36.10	188.90	7261.06	-3329.94	-308.92	3344.18	0.25	0.00	0.42	
8415.00	36.60	189.30	7337.57	-3385.54	-317.83	3400.38	0.58	0.53	0.42	
8511.00	36.80	188.50	7414.55	-3442.22	-326.70	3457.66	0.54	0.21	-0.83	
8607.00	37.00	188.50	7491.31	-3499.23	-335.22	3515.23	0.21	0.21	0.00	
8701.00	36.80	187.10	7566.49	-3555.14	-342.89	3571.63	0.92	-0.21	-1.49	
8796.00	36.40	187.50	7642.75	-3611.32	-350.08	3628.24	0.49	-0.42	0.42	
8892.00	36.20	187.50	7720.12	-3667.67	-357.50	3685.05	0.21	-0.21	0.00	
8923.00	36.40	188.20	7745.11	-3685.85	-360.01	3703.39	1.48	0.65	2.26	
9045.00	37.70	188.50	7842.47	-3758.57	-370.68	3776.81	1.08	1.07	0.25	
9140.00	38.20	188.50	7917.39	-3816.35	-379.32	3835.16	0.53	0.53	0.00	
9235.00	36.20	184.70	7993.06	-3873.38	-385.96	3892.56	3.21	-2.11	-4.00	
9330.00	36.60	184.00	8069.53	-3929.59	-390.24	3948.92	0.61	0.42	-0.74	

# Aim Directional Services, LLC

## Survey Report

<b>Company:</b> Endeavor Natural Gas, L.P.	<b>Date:</b> 08/22/2009	<b>Time:</b> 06:02:35	<b>Page:</b> 3
<b>Field:</b> Cameron Parish, LA	<b>Co-ordinate(NE) Reference:</b> Well: #1, Grid North		
<b>Site:</b> Larco #1	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #1	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,185.65Azi)		
<b>Wellpath:</b> Aim MWD Surveys	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

**Survey:** Aim MWD Surveys

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	Tool/Comment
9425.00	35.90	184.30	8146.14	-3985.62	-394.30	4005.07	0.76	-0.74	0.32	
9521.00	36.40	184.00	8223.66	-4042.10	-398.40	4061.68	0.55	0.52	-0.31	
9616.00	35.00	185.00	8300.80	-4097.36	-402.74	4117.11	1.60	-1.47	1.05	
9711.00	35.40	184.70	8378.43	-4151.93	-407.37	4171.86	0.46	0.42	-0.32	
9806.00	36.20	184.00	8455.48	-4207.34	-411.58	4227.42	0.95	0.84	-0.74	
9902.00	34.00	186.10	8534.02	-4262.31	-416.41	4282.60	2.61	-2.29	2.19	
9997.00	34.70	186.80	8612.46	-4315.58	-422.43	4336.20	0.85	0.74	0.74	
10093.00	35.20	186.10	8691.14	-4370.22	-428.61	4391.19	0.67	0.52	-0.73	
10187.00	35.70	185.40	8767.72	-4424.47	-434.07	4445.71	0.69	0.53	-0.74	
10283.00	36.60	185.00	8845.23	-4480.86	-439.20	4502.34	0.97	0.94	-0.42	
10378.00	36.60	185.00	8921.50	-4537.29	-444.14	4558.97	0.00	0.00	0.00	
10473.00	34.80	187.50	8998.65	-4592.39	-450.14	4614.39	2.44	-1.89	2.63	
10568.00	35.40	187.80	9076.37	-4646.53	-457.42	4668.99	0.66	0.63	0.32	
10664.00	36.20	187.10	9154.24	-4702.21	-464.69	4725.11	0.94	0.83	-0.73	
10759.00	35.00	187.10	9231.48	-4757.08	-471.53	4780.40	1.26	-1.26	0.00	
10854.00	35.50	186.80	9309.06	-4811.51	-478.16	4835.21	0.56	0.53	-0.32	
10949.00	35.50	186.10	9386.40	-4866.33	-484.36	4890.37	0.43	0.00	-0.74	
11044.00	36.60	186.10	9463.21	-4921.92	-490.30	4946.28	1.16	1.16	0.00	
11139.00	35.50	186.80	9540.02	-4977.47	-496.58	5002.18	1.24	-1.16	0.74	
11233.00	35.70	186.80	9616.45	-5031.80	-503.06	5056.88	0.21	0.21	0.00	
11328.00	36.80	186.80	9693.06	-5087.58	-509.71	5113.05	1.16	1.16	0.00	
11482.00	38.00	186.70	9815.40	-5180.47	-520.70	5206.56	0.78	0.78	-0.06	
11576.00	39.80	186.40	9888.55	-5239.11	-527.43	5265.58	1.93	1.91	-0.32	
11671.00	40.60	186.80	9961.11	-5300.02	-534.48	5326.89	0.88	0.84	0.42	
11765.00	40.30	187.50	10032.64	-5360.53	-542.07	5387.85	0.58	-0.32	0.74	
11861.00	39.80	187.80	10106.13	-5421.75	-550.29	5449.59	0.56	-0.52	0.31	
11956.00	38.70	187.80	10179.69	-5481.30	-558.45	5509.65	1.16	-1.16	0.00	
12050.00	37.70	188.50	10253.56	-5538.84	-566.69	5567.73	1.16	-1.06	0.74	
12145.00	36.60	188.90	10329.28	-5595.55	-575.36	5625.01	1.19	-1.16	0.42	
12239.00	35.70	190.00	10405.18	-5650.25	-584.46	5680.34	1.18	-0.96	1.17	
12334.00	35.00	190.00	10482.67	-5704.38	-594.00	5735.15	0.74	-0.74	0.00	Last MWD Survey Taken

**Annotation**

MD ft	TVD ft	
1783.00	1782.98	Tie into Gyro Surveys
12334.00	10482.67	Last MWD Survey Taken

# Aim Directional Services, LLC

## Planning Report

<b>Company:</b> Endeavor Natural Gas, L.P.	<b>Date:</b> 08/22/2009	<b>Time:</b> 06:07:25	<b>Page:</b> 1
<b>Field:</b> Cameron Parish, LA	<b>Co-ordinate(NE) Reference:</b> Well: #1, Grid North		
<b>Site:</b> Larco #1	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #1	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,185.65Azi)		
<b>Wellpath:</b> Projection	<b>Plan:</b> Projection		

<b>Field:</b> Cameron Parish, LA	
<b>Map System:</b> US State Plane Coordinate System 1927	<b>Map Zone:</b> Louisiana, Southern Zone
<b>Geo Datum:</b> NAD27 (Clarke 1866)	<b>Coordinate System:</b> Well Centre
<b>Sys Datum:</b> Mean Sea Level	<b>Geomagnetic Model:</b> Wmm_2005

<b>Site:</b> Larco #1		
<b>Site Position:</b>	<b>Northing:</b> 480384.47 ft	<b>Latitude:</b> 29 58 48.160 N
<b>From:</b> Geographic	<b>Easting:</b> 1550574.75 ft	<b>Longitude:</b> 92 45 10.420 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> Grid
<b>Ground Level:</b> 0.00 ft		<b>Grid Convergence:</b> -0.71 deg

<b>Well:</b> #1		<b>Slot Name:</b>	
<b>Well Position:</b>	<b>+N/-S</b> 0.00 ft	<b>Northing:</b> 480384.47 ft	<b>Latitude:</b> 29 58 48.160 N
	<b>+E/-W</b> 0.00 ft	<b>Easting :</b> 1550574.75 ft	<b>Longitude:</b> 92 45 10.420 W
<b>Position Uncertainty:</b> 0.00 ft			

<b>Wellpath:</b> Projection		<b>Drilled From:</b> Aim MWD Surveys
<b>Current Datum:</b> SITE	<b>Height</b> 0.00 ft	<b>Tie-on Depth:</b> 12334.00 ft
<b>Magnetic Data:</b> 08/06/2009		<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 48185 nT		<b>Declination:</b> 1.86 deg
<b>Vertical Section:</b>	<b>+N/-S</b>	<b>Mag Dip Angle:</b> 59.62 deg
<b>Depth From (TVD)</b>	<b>+E/-W</b>	<b>Direction</b>
ft	ft	deg
0.00	0.00	185.65

<b>Plan:</b> Projection	<b>Date Composed:</b> 08/06/2009
<b>Principal:</b> Yes	<b>Version:</b> 1
	<b>Tied-to:</b> 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
12334.00	35.00	190.00	10482.67	-5704.38	-594.00	0.00	0.00	0.00	0.00	
12782.43	35.00	190.00	10850.00	-5957.68	-638.67	0.00	0.00	0.00	0.00	PBHL

**Section 1 : 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
1800.02	0.18	281.03	1800.00	-3.60	3.26	3.26	0.00	0.00	0.00	0.00
8991.52	37.13	188.37	7800.00	-3726.43	-365.92	3744.36	0.52	0.51	-1.29	-92.90
12032.84	37.88	188.37	10240.00	-5528.44	-565.14	5557.22	0.02	0.02	0.00	-0.04
12334.00	35.00	190.00	10482.67	-5704.38	-594.00	5735.15	1.01	-0.96	0.54	162.08
12400.00	35.00	190.00	10536.73	-5741.66	-600.58	5772.89	0.00	0.00	0.00	180.00
12500.00	35.00	190.00	10618.65	-5798.15	-610.54	5830.09	0.00	0.00	0.00	180.00
12600.00	35.00	190.00	10700.56	-5854.63	-620.50	5887.28	0.00	0.00	0.00	180.00
12700.00	35.00	190.00	10782.48	-5911.12	-630.46	5944.47	0.00	0.00	0.00	180.00
12782.43	35.00	190.00	10850.00	-5957.68	-638.67	5991.61	0.00	0.00	0.00	180.00

**Survey**

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	Tool/Comment
1800.02	0.18	281.03	1800.00	-3.60	3.26	3.26	0.00	0.00	0.00	10 3/4" Casing Point
8991.52	37.13	188.37	7800.00	-3726.43	-365.92	3744.36	0.52	0.51	-1.29	7 5/8" Casing Point
12032.84	37.88	188.37	10240.00	-5528.44	-565.14	5557.22	0.02	0.02	0.00	Planuina II Intercept
12334.00	35.00	190.00	10482.67	-5704.38	-594.00	5735.15	1.01	-0.96	0.54	Last MWD Survey Taken
12400.00	35.00	190.00	10536.73	-5741.66	-600.58	5772.89	0.00	0.00	0.00	
12500.00	35.00	190.00	10618.65	-5798.15	-610.54	5830.09	0.00	0.00	0.00	
12600.00	35.00	190.00	10700.56	-5854.63	-620.50	5887.28	0.00	0.00	0.00	
12700.00	35.00	190.00	10782.48	-5911.12	-630.46	5944.47	0.00	0.00	0.00	
12782.43	35.00	190.00	10850.00	-5957.68	-638.67	5991.61	0.00	0.00	0.00	PBHL

# Aim Directional Services, LLC

## Planning Report

<b>Company:</b> Endeavor Natural Gas, L.P.	<b>Date:</b> 08/22/2009	<b>Time:</b> 06:07:25	<b>Page:</b> 2
<b>Field:</b> Cameron Parish, LA	<b>Co-ordinate(NE) Reference:</b> Well: #1, Grid North		
<b>Site:</b> Larco #1	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #1	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,185.65Azi)		
<b>Wellpath:</b> Projection	<b>Plan:</b> Projection		

### 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		
Planuina II		10240.00	-5470.37	-540.84	474914.10	1550033.91	29	57	53.943	N	92	45	15.798	W
	-Circle (Radius: 200)													
PBHL		10850.00	-5909.56	-584.26	474474.91	1549990.49	29	57	49.590	N	92	45	16.230	W
	-Circle (Radius: 200)													
	-Plan out by 72.63 at	10850.00	-5957.68	-638.67	474426.80	1549936.09	29	57	49.107	N	92	45	16.842	W

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1800.02	1800.00	10.750	10.750	10 3/4" Casing Point
8991.52	7800.00	7.625	7.625	7 5/8" Casing Point

### Annotation

MD ft	TVD ft	
12334.00	10482.67	Last MWD Survey Taken
12032.84	10240.00	Planuina II Intercept
12782.43	10850.00	PBHL