

PERC^y**DIRECTIONAL REPORT****WELLNAME:** LUSK 23 FEDERAL #2**FIELD:** LUSK, MORROW GAS**AFE NO.:** 102831**WELL ID NO.:** 042422**API NO.:** 30-025-36720**SURVEY TYPE:** TSS-0**MD:****ANGLE:****AZIMUTH:****TVD:****N/S:****E/W:****VS:****TARGET:**

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
	0.00	0.00		0.00	0.00	0.00	0.00
500	0.25	345.00	500	1.05	-0.28	1.05	0.05
985	0.25	345.00	985	3.10	-0.83	3.10	0.00
1,135	0.50	345.00	1,135	4.05	-1.08	4.05	0.17
1,529	0.25	345.00	1,529	6.54	-1.75	6.54	0.06
2,068	0.25	345.00	2,068	8.81	-2.36	8.81	0.00
2,496	0.75	345.00	2,496	12.42	-3.33	12.42	0.12
2,987	0.75	345.00	2,987	18.62	-4.99	18.62	0.00
3,400	0.50	345.00	3,400	22.98	-6.16	22.98	0.06
3,874	0.75	345.00	3,874	27.97	-7.49	27.97	0.05
4,334	0.50	345.00	4,334	32.82	-8.79	32.82	0.05
4,800	0.75	345.00	4,800	37.73	-10.11	37.73	0.05
5,235	0.75	345.00	5,235	43.23	-11.58	43.23	0.00
5,675	1.00	345.00	5,675	49.72	-13.32	49.72	0.06
6,181	0.75	345.00	6,181	57.18	-15.32	57.18	0.05
6,661	2.50	345.00	6,660	70.33	-18.84	70.33	0.36
6,814	0.75	345.00	6,813	74.52	-19.97	74.52	1.14
7,025	0.75	345.00	7,024	77.19	-20.68	77.19	0.00
7,516	0.75	345.00	7,515	83.39	-22.35	83.39	0.00
7,832	1.00	345.00	7,831	88.06	-23.59	88.06	0.08
8,324	1.25	345.00	8,323	97.39	-26.09	97.39	0.05
8,783	1.50	345.00	8,782	108.03	-28.95	108.03	0.05
9,235	2.00	345.00	9,234	121.36	-32.52	121.36	0.11
9,580	1.75	345.00	9,579	132.26	-35.44	132.26	0.07

SUR: P-23-19s-32e, 330/S & 330/E

BHL: P-23-19s-32e, 578/S & 533/E

API #30-025-36720



PERC^Y**DIRECTIONAL REPORT****WELLNAME:** LUSK 23 FEDERAL #2**FIELD:** LUSK, MORROW GAS**AFE NO.:** 102831**WELL ID NO.:** 042422**API NO.:** 30-025-36720**SURVEY TYPE:** GMS-0**MD:** 9.997**ANGLE:** 1.37**AZIMUTH:** 282.64**TVD:** 9.995**N/S:** 6.11**E/W:** -96.58**VS:** 72.90**TARGET:** 331.77

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
9,997	1.37	282.64	9,995	6.11	-96.58	72.90	331.77
10,000	1.40	282.56	9,998	6.13	-96.65	51.11	1.00
10,100	1.20	283.24	10,098	6.63	-98.86	52.61	0.20
10,200	0.85	289.41	10,198	7.12	-100.58	53.85	0.37
10,300	0.93	284.32	10,298	7.56	-102.07	54.94	0.11
10,396	0.97	300.37	10,394	8.17	-103.52	56.16	0.28
10,428	1.10	301.80	10,426	8.47	-104.02	56.66	0.41
10,460	2.60	311.00	10,458	9.11	-104.83	57.61	4.76
10,492	4.25	314.99	10,490	10.42	-106.21	59.42	5.21
10,524	4.48	313.02	10,522	12.11	-107.97	61.74	0.86
10,555	4.64	312.53	10,553	13.78	-109.77	64.07	0.53
10,588	5.21	315.44	10,586	15.75	-111.81	66.77	1.89
10,620	5.98	317.68	10,617	18.02	-113.95	69.78	2.50
10,652	6.87	319.36	10,649	20.71	-116.32	73.26	2.84
10,684	7.79	321.69	10,681	23.86	-118.91	77.27	3.02
10,716	8.71	324.61	10,713	27.54	-121.66	81.81	3.16
10,748	9.25	326.40	10,744	31.66	-124.49	86.77	1.90
10,786	9.41	328.52	10,782	36.85	-127.80	92.92	1.00
10,818	9.67	329.05	10,813	41.38	-130.55	98.21	0.86
10,850	10.55	328.35	10,845	46.18	-133.47	103.82	2.78
10,882	11.70	329.50	10,876	51.47	-136.65	109.99	3.66
10,914	12.13	327.73	10,908	57.11	-140.09	116.58	1.76
10,944	11.87	328.44	10,937	62.41	-143.39	122.81	1.00
10,977	12.22	327.29	10,969	68.24	-147.05	129.68	1.29
11,008	13.01	327.38	10,999	73.94	-150.71	136.43	2.55
11,040	13.28	331.34	11,031	80.19	-154.41	143.69	2.94
11,071	13.37	333.45	11,061	86.53	-157.72	150.84	1.60
11,103	13.14	333.36	11,092	93.09	-161.01	158.17	0.72
11,135	12.22	333.26	11,123	99.36	-164.16	165.19	2.88
11,167	11.61	330.72	11,154	105.19	-167.26	171.80	2.51
11,198	12.05	331.34	11,185	110.76	-170.34	178.15	1.48
11,230	11.78	332.04	11,216	116.57	-173.47	184.76	0.96
11,262	11.34	335.82	11,247	122.33	-176.29	191.16	2.74
11,300	11.87	340.65	11,285	129.42	-179.12	198.75	2.91
11,332	11.78	343.20	11,316	135.65	-181.15	205.21	1.66
11,364	12.13	342.85	11,347	141.99	-183.09	211.71	1.12
11,396	12.22	343.46	11,379	148.45	-185.04	218.32	0.49
11,428	12.49	334.61	11,410	154.83	-187.49	225.10	5.97
11,459	12.22	333.90	11,440	160.80	-190.37	231.72	1.00
11,491	11.26	345.93	11,471	166.87	-192.62	238.14	8.20
11,523	11.70	350.67	11,503	173.11	-193.91	244.24	3.25
11,555	11.70	354.28	11,534	179.54	-194.75	250.30	2.29
11,587	11.43	352.69	11,565	185.91	-195.48	256.26	1.31
11,619	10.73	349.62	11,597	191.99	-196.42	262.06	2.86
11,651	9.76	349.44	11,628	197.58	-197.46	267.48	3.03
11,683	9.58	349.00	11,660	202.86	-198.46	272.61	0.61
11,714	9.58	347.86	11,691	207.92	-199.50	277.55	0.61
11,746	9.15	349.71	11,722	213.02	-200.51	282.53	1.64
11,778	8.00	350.94	11,754	217.73	-201.32	287.05	3.64
11,810	7.12	348.56	11,785	221.87	-202.06	291.06	2.92
11,842	6.60	346.72	11,817	225.60	-202.88	294.73	1.76
11,873	6.24	344.26	11,848	228.96	-203.74	298.10	1.46

PERCY**DIRECTIONAL REPORT**

WELLNAME: LUSK 23 FEDERAL #2
FIELD: LUSK, MORROW GAS
AFE NO.: 102831

WELL ID NO.: 042422
API NO.: 30-025-36720

SURVEY TYPE: GMS-0 **MD:** 9.997 **ANGLE:** 1.37 **AZIMUTH:** 282.64 **TVD:** 9.995
N/S: 6.11 **E/W:** -96.58 **VS:** 72.90 **TARGET:** 331.77

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
11,905	5.45	344.61	11,880	232.10	-204.62	301.28	2.47
11,937	4.48	340.74	11,912	234.74	-205.43	303.99	3.21
11,969	3.69	341.80	11,944	236.90	-206.17	306.24	2.48
12,001	2.55	345.58	11,976	238.57	-206.66	307.95	3.62
12,032	1.76	345.84	12,007	239.70	-206.95	309.08	2.55
12,064	1.06	342.41	12,039	240.46	-207.16	309.85	2.20
12,096	0.62	333.80	12,071	240.89	-207.33	310.31	1.43
12,128	0.70	317.89	12,103	241.19	-207.54	310.67	0.62
12,160	0.62	318.86	12,135	241.47	-207.78	311.03	0.25
12,192	1.23	317.89	12,167	241.85	-208.13	311.53	1.91
12,222	1.06	334.59	12,197	242.34	-208.46	312.12	1.24
12,254	1.06	339.85	12,229	242.89	-208.69	312.71	0.30
12,286	0.79	324.13	12,261	243.35	-208.92	313.22	1.15
12,318	0.44	263.40	12,293	243.51	-209.17	313.49	2.16
12,349	0.44	262.52	12,324	243.48	-209.41	313.57	0.02
12,381	0.44	247.05	12,356	243.42	-209.64	313.63	0.37
12,413	0.53	241.05	12,388	243.30	-209.89	313.64	0.32
12,445	0.53	249.07	12,420	243.17	-210.15	313.65	0.23
12,477	0.35	246.87	12,452	243.08	-210.38	313.68	0.56
12,541	0.35	347.86	12,516	243.20	-210.60	313.89	0.84
12,637	0.26	24.95	12,612	243.68	-210.57	314.30	0.22
12,700	0.35	23.10	12,675	243.99	-210.44	314.50	0.14
12,764	0.62	31.98	12,739	244.46	-210.18	314.80	0.44
12,828	0.88	39.63	12,803	245.13	-209.68	315.16	0.43
12,830	0.62	31.98	12,805	245.07	-209.80	315.15	0.00
12,892	0.70	43.67	12,867	245.79	-209.10	315.46	0.29
12,956	0.62	53.34	12,931	246.28	-208.55	315.64	0.21
13,020	0.53	61.60	12,995	246.63	-208.01	315.69	0.19
13,055	0.79	13029.00	13,030	246.79	-207.64	315.66	0.78
13,155	0.35	48.77	13,130	247.24	-206.77	315.64	0.48
13,180	0.44	87.62	13,155	247.30	-206.62	315.61	1.10
13,244	0.53	97.55	13,219	247.27	-206.08	315.33	0.19
13,307	0.62	108.27	13,281	247.12	-205.46	314.92	0.22
13,371	0.53	77.24	13,345	247.08	-204.85	314.59	0.50
13,435	0.53	49.82	13,409	247.34	-204.33	314.57	0.39
13,491	0.26	15.55	13,465	247.63	-204.10	314.71	0.62
13,555	0.44	34.62	13,529	247.97	-203.92	314.93	0.33
13,619	0.18	88.32	13,593	248.17	-203.68	315.00	0.57
13,665	0.18	36.11	13,639	248.23	-203.57	315.00	0.34

SCIENTIFIC DRILLING CONTROLS

KEEPER GYRO SURVEY Directional Survey Report for

E.O.G.

Well Number	:	LUSK 23 FEDERAL NO. 2
Well Location	:	LEA CO, NEW MEXICO
Job Number	:	32K0804512
Location Latitude	:	32.639
Survey Date	:	26-AUG-2004
S.D.C. Personnel	:	DONALD FOSTER
Length Units	:	Feet
North Reference	:	GRID North
Grid Correction	:	-0.33 Degrees
Survey Depth Zero	:	RKB
Proposal Direction	:	314.74
Calculation Method	:	Minimum Curvature

Remarks : The INRUN Survey will be called definitive

SCIENTIFIC	DRILLING	CONTROLS
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Inrun Survey
for
E.O.G.

Page 1

Well No.: LUSK 23 FEDERAL NO. 2

Date : 26-AUG-2004

Job No. : 32K0804512

GRID

Proposal : 314.74

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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9997.00	9995.10	72.90	1.37	282.64	6.11	-96.58	0.00
10000.00	9998.10	72.96	1.40	282.56	6.13	-96.65	1.00
10100.00	10098.07	74.89	1.20	283.24	6.63	-98.86	0.20
10200.00	10198.06	76.45	0.85	289.41	7.12	-100.58	0.37
10300.00	10298.05	77.82	0.93	284.32	7.57	-102.07	0.11

The Horizontal Displacement (in Feet) at
Measured Depth 10300.00 is 102.35 in a Direction of 274.24 Degrees

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0408-0110
Date: 9/18/2004
Time: 10:55 am
Wellpath ID: lusk23_f
Date Created: 8/25/2004
Last Revision: 9/18/2004

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 331.77 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
Lusk 23
McVay 10
Lea County, NM
Lusk 23 Fed Com 2

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	Build Rate (dg/100ft)	DLS (dg/100ft)
10300.00	0.93	284.32	10298.06	0.00	54.95	7.57 N	102.07W	102.35	274.24	0.00	0.00
10396.00	0.97	300.37	10394.04	96.00	56.17	8.17 N	103.53W	103.85	274.51	0.04	0.28
10428.00	1.10	301.77	10426.03	32.00	56.67	8.47 N	104.02W	104.37	274.66	0.41	0.41
10460.00	2.64	310.98	10458.01	32.00	57.62	9.12 N	104.84W	105.23	274.97	4.81	4.89
10492.00	4.25	314.99	10489.96	32.00	59.45	10.44 N	106.23W	108.75	275.61	5.03	5.08
10524.00	4.48	313.02	10521.86	32.00	61.77	12.13 N	107.99W	108.66	276.41	0.72	0.66
10555.00	4.64	312.53	10552.76	31.00	64.10	13.80 N	109.79W	110.66	277.17	0.52	0.53
10588.00	5.21	315.44	10585.64	33.00	66.79	15.77 N	111.83W	112.94	278.03	1.73	1.89
10620.00	5.98	317.68	10617.49	32.00	69.81	18.04 N	113.97W	115.36	278.99	2.41	2.50
10652.00	6.87	319.36	10649.29	32.00	73.29	20.73 N	116.34W	118.17	280.10	2.78	2.84
10684.00	7.83	321.69	10681.03	32.00	77.31	23.89 N	118.94W	121.31	281.36	3.00	3.14
10716.00	8.71	324.61	10712.69	32.00	81.86	27.57 N	121.69W	124.78	282.77	2.75	3.05
10748.00	9.25	326.40	10744.30	32.00	86.82	31.69 N	124.52W	128.45	284.28	1.69	1.90
10786.00	9.41	328.52	10781.80	38.00	92.96	36.88 N	127.83W	133.05	286.10	0.42	1.00
10818.00	9.67	329.05	10813.35	32.00	98.26	41.42 N	130.58W	136.96	287.60	0.81	0.88
10850.00	10.55	328.35	10844.86	32.00	103.87	46.22 N	133.50W	141.27	289.10	2.75	2.78
10882.00	11.70	329.58	10876.26	32.00	110.04	51.51 N	136.69W	146.06	290.65	3.59	3.67
10914.00	12.13	327.73	10907.57	32.00	116.63	57.15 N	140.12W	151.33	292.19	1.34	1.60
10945.00	11.87	328.44	10937.89	31.00	123.06	62.62 N	143.53W	156.56	293.57	-0.84	0.96
10977.00	12.22	327.29	10969.18	32.00	129.73	68.28 N	147.08W	162.15	294.90	1.09	1.33
11008.00	13.01	327.38	10999.44	31.00	136.48	73.98 N	150.73W	167.91	296.14	2.55	2.55
11040.00	13.28	331.34	11030.60	32.00	143.74	80.24 N	154.44W	174.04	297.45	0.84	2.94
11071.00	13.37	333.45	11060.76	31.00	150.89	86.67 N	157.75W	179.94	298.76	0.29	1.60
11103.00	13.19	333.36	11091.91	32.00	158.23	93.14 N	161.04W	186.03	300.04	-0.56	0.57
11135.00	12.22	333.26	11123.12	32.00	165.27	99.43 N	164.20W	191.95	301.20	-3.03	3.03
11167.00	11.61	330.72	11154.43	32.00	171.87	105.26 N	167.30W	197.66	302.18	-1.91	2.51
11198.00	12.05	331.34	11184.78	31.00	178.23	110.82 N	170.37W	203.24	303.04	1.42	1.48
11230.00	11.78	332.04	11216.09	32.00	184.83	116.64 N	173.51W	209.07	303.91	-0.84	0.96
11262.00	11.34	335.82	11247.44	32.00	191.24	122.39 N	176.33W	214.64	304.77	-1.37	2.74
11300.00	11.87	340.66	11284.66	38.00	198.83	129.49 N	179.19W	221.05	305.86	1.39	2.91
11332.00	11.78	343.20	11315.98	32.00	205.28	135.72 N	181.19W	226.38	306.84	-0.28	1.66
11364.00	12.13	342.85	11347.29	32.00	211.78	142.06 N	183.12W	231.76	307.80	1.09	1.12
11396.00	12.22	343.46	11378.57	32.00	218.40	148.52 N	185.09W	237.30	308.75	0.28	0.49

PathFinder Energy Services

Survey Report

Page 2
Date: 8/18/2004
Wellpath ID: lusk23_f

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	Build Rate (dg/100ft)	DLS (dg/100ft)
11428.00	12.49	344.61	11409.83	32.00	225.09	155.10 N 186.90 W	242.92	309.68	0.84	1.14
11459.00	12.22	343.90	11440.11	31.00	231.58	161.49 N 188.76 W	248.41	310.55	-0.87	1.00
11491.00	11.26	345.83	11471.44	32.00	237.90	167.77 N 190.46 W	253.81	311.38	-3.00	3.27
11523.00	11.70	350.67	11502.80	32.00	244.00	174.00 N 191.74 W	258.93	312.22	1.37	3.25
11555.00	11.70	354.28	11534.14	32.00	250.07	180.43 N 192.59 W	263.91	313.13	0.00	2.29
11587.00	11.43	352.69	11565.49	32.00	256.03	186.81 N 193.32 W	268.83	314.02	-0.84	1.31
11619.00	10.73	349.62	11596.89	32.00	261.83	192.88 N 194.26 W	273.75	314.80	-2.19	2.86
11651.00	9.76	349.44	11628.38	32.00	267.25	198.48 N 195.29 W	278.45	315.46	-3.03	3.03
11683.00	9.58	349.00	11659.82	32.00	272.37	203.76 N 196.30 W	282.83	316.07	-0.56	0.81
11714.00	9.58	347.86	11690.49	31.00	277.32	208.81 N 197.33 W	287.30	316.62	0.00	0.81
11746.00	9.15	349.71	11722.07	32.00	282.30	213.92 N 198.35 W	291.73	317.16	-1.34	1.64
11778.00	8.00	350.94	11753.71	32.00	286.82	218.62 N 199.15 W	295.73	317.67	-3.59	3.64
11810.00	7.12	348.56	11785.43	32.00	290.82	222.76 N 199.90 W	299.30	318.10	-2.75	2.92
11842.00	6.60	346.72	11817.20	32.00	294.50	226.50 N 200.71 W	302.83	318.45	-1.62	1.76
11873.00	6.24	344.26	11848.00	31.00	297.86	229.85 N 201.58 W	305.72	318.75	-1.16	1.46
11905.00	5.45	344.81	11879.84	32.00	301.04	232.99 N 202.46 W	308.66	319.01	-2.47	2.47
11937.00	4.48	340.74	11911.72	32.00	303.78	235.64 N 203.27 W	311.20	319.22	-3.03	3.21
11969.00	3.69	341.80	11943.64	32.00	306.01	237.80 N 204.00 W	313.31	319.37	-2.47	2.46
12001.00	2.55	345.58	11975.59	32.00	307.71	239.46 N 204.50 W	314.90	319.50	-3.56	3.62
12032.00	1.76	345.84	12006.57	31.00	308.84	240.59 N 204.79 W	315.95	319.60	-2.55	2.55
12064.00	1.06	342.41	12038.56	32.00	309.61	241.35 N 205.00 W	316.66	319.66	-2.19	2.20
12096.00	0.62	333.80	12070.55	32.00	310.08	241.79 N 205.17 W	317.11	319.68	-1.37	1.43
12128.00	0.70	317.89	12102.55	32.00	310.44	242.09 N 205.38 W	317.47	319.69	0.25	0.62
12160.00	0.62	318.86	12134.55	32.00	310.80	242.36 N 205.62 W	317.84	319.69	-0.25	0.25
12192.00	1.23	317.89	12166.54	32.00	311.30	242.75 N 205.90 W	318.35	319.69	1.91	1.91
12222.00	1.06	334.59	12196.54	30.00	311.89	243.24 N 206.30 W	318.94	319.70	-0.57	1.24
12254.00	1.06	339.85	12228.53	32.00	312.48	243.78 N 206.53 W	319.51	319.73	0.00	0.30
12286.00	0.79	324.13	12260.53	32.00	312.98	244.24 N 206.76 W	320.01	319.75	-0.84	1.15
12318.00	0.44	263.40	12292.53	32.00	313.25	244.41 N 207.01 W	320.25	319.74	-1.09	2.16
12349.00	0.44	262.52	12323.53	31.00	313.34	244.38 N 207.25 W	320.42	319.70	0.00	0.02
12381.00	0.44	247.05	12355.52	32.00	313.39	244.31 N 207.48 W	320.53	319.68	0.00	0.37
12413.00	0.53	241.86	12387.52	32.00	313.41	244.20 N 207.73 W	320.60	319.81	0.28	0.31
12445.00	0.53	249.07	12419.52	32.00	313.43	244.07 N 207.99 W	320.68	319.66	0.00	0.21
12477.00	0.35	246.87	12451.52	32.00	313.45	243.98 N 208.22 W	320.75	319.52	-0.56	0.56
12541.00	0.35	347.86	12515.52	64.00	313.66	244.10 N 208.44 W	320.98	319.50	0.00	0.84
12637.00	0.26	24.95	12611.52	96.00	314.07	244.58 N 208.41 W	321.33	319.56	-0.09	0.22
12700.00	0.35	23.10	12674.52	63.00	314.28	244.89 N 208.28 W	321.48	319.62	0.14	0.14
12764.00	0.62	31.98	12738.52	64.00	314.57	245.36 N 208.02 W	321.67	319.71	0.42	0.44
12828.00	0.88	39.63	12802.51	64.00	314.93	246.03 N 207.62 W	321.85	319.85	0.41	0.43
12892.00	0.70	43.67	12866.50	64.00	315.23	246.69 N 206.94 W	321.95	320.01	-0.28	0.29
12956.00	0.62	53.34	12930.50	64.00	315.41	247.18 N 206.39 W	322.02	320.14	-0.12	0.21
13020.00	0.53	61.60	12994.50	64.00	315.46	247.53 N 205.89 W	321.94	320.25	-0.14	0.19
13055.00	0.79	82.43	13029.50	35.00	315.37	247.64 N 205.47 W	321.78	320.32	0.74	1.00
13115.00	0.35	48.77	13069.49	60.00	315.27	247.81 N 204.92 W	321.57	320.41	-0.73	0.89
13180.00	0.44	87.62	13154.49	65.00	315.20	247.96 N 204.52 W	321.42	320.48	0.14	0.42
13244.00	0.53	97.55	13218.49	64.00	314.92	247.93 N 203.96 W	321.06	320.55	0.14	0.19

PathFinder Energy Services

Survey Report

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Date: 9/18/2004
Wellpath ID: lusk23_f

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	Build Rate (dg/100ft)	DLS (dg/100ft)
13307.00	0.62	108.27	13281.49	63.00	314.51	247.78 N	203.37 W	320.56	320.62	0.14	0.22
13371.00	0.53	77.24	13346.48	64.00	314.18	247.74 N	202.75 W	320.13	320.70	-0.14	0.60
13435.00	0.63	48.82	13409.48	64.00	314.16	248.00 N	202.24 W	320.00	320.80	0.00	0.39
13491.00	0.28	15.55	13465.48	56.00	314.30	248.28 N	202.01 W	320.08	320.87	-0.48	0.62
13555.00	0.44	34.62	13529.48	64.00	314.52	248.63 N	201.83 W	320.23	320.93	0.28	0.33
13619.00	0.18	88.32	13593.48	64.00	314.59	248.83 N	201.59 W	320.24	320.99	-0.41	0.57
13665.00	0.18	36.11	13639.48	46.00	314.59	248.89 N	201.47 W	320.22	321.01	0.00	0.34
Projection To The Blt											
13700.00	0.18	36.11	13674.48	35.00	314.64	248.98 N	201.41 W	320.26	321.03	0.00	0.00