

Deviation Surveys

Operator: Edge Petroleum	Lease Name & Well # Ark-La-Tex South Lusk Fed 1
Contractor: Grey Wolf	Rig # 33

No	Date/Time	Depth (ft)	Deviation (Deg)	Direction (Deg)
1	2005-11-17	154 321	1.0	degree? survey e 321
2	2005-11-18	412	1	
3	2005-11-18	503	0.5	
4	2005-11-19	591	0.5	
5	2005-11-19	716	0.5	
6	2005-11-19	748	0.5	
7	2005-11-19	780	0.25	
8	2005-11-23	987	0	
9	2005-11-23	1313	1	
10	2005-11-23	1154	0.5	
11	2005-11-24	1502	1.25	
12	2005-11-24	1834	1.25	
13	2005-11-24	1923	2	
14	2005-11-25	2104	2.75	
15	2005-11-25	2140	2.25	
16	2005-11-25	2359	1.75	
17	2005-11-26	2511	1.75	
18	2005-11-26	2640	1.25	
19	2005-11-26	2671	1.25	
20	2005-11-27	2828	0.75	
21	2005-11-27	3083	1.75	
22	2005-11-29	3084	1	
23	2005-12-12	2972	1	
24	2005-12-23	4321	1.25	
25	2005-12-27	5050	1	
26	2005-12-28	5557	1	
27	2006-01-04	6679	1	
28	2006-01-07	7386	1.75	
29	2006-01-07	7514	1.75	
30	2006-01-10	8271	0.5	
31	2006-01-13	9131	3.5	
32	2006-01-13	8745	1.5	
33	2006-01-14	9321	2.5	
34	2006-01-15	9552	2.75	
35	2006-01-17	9909	1.75	
36	2006-01-20	10600	3	degree NO survey
37	2006-01-22	11006	7	
38	2006-01-23	11450	8	
39	2006-01-26	11615		
40	2006-01-27	11627	9.32	287.17
41	2006-01-27	11754	7.03	289.63

Deviation Surveys

Operator: Edge Petroleum Lease Name & Well #: Ark-La-Tex South Lusk Fed 1
Contractor: Grey Wolf Rig #: 33

No	Date/Time	Depth (ft)	Deviation (Deg)	Direction (Deg)
42	2006-01-28	11850	5.8	286.29
43	2006-01-28	11875	5.01	282.95
44	2006-01-28	12068	2.46	277.41
45	2006-01-28	12163	1.85	292.00
46	2006-01-29	12227	2.11	291.92
47	2006-01-29	12322	1.49	284.36
48	2006-01-30	12417	1.85	302.99
49	2006-01-30	12478	2.02	301.23
50	2006-01-31	12541	0.44	263.26
51	2006-01-31	12800	1.14	253.42

PathFinder Energy Services

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Survey Report

Date: 1/31/2006
Time: 4:10 am
Wellpath ID: 06010021
Date Created: 1/27/2006
Last Revision: 1/31/2006

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 287.02 deg.

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

EDGE PETROLEUM
EDDY CO, NEW MEXICO
GREY WOLF RIG33
SOUTH LUSK 28FED#1
06010021

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	T O T A L Rectangular Offsets (ft)		O L S (dg/100ft)	Vertical Section (ft)
11627.00	9.32	287.17	0.00	11627.00	0.00 N	0.00 E	0.00	0.00
11690.00	8.00	291.83	63.00	11689.28	3.14 N	8.94 W	2.37	9.47
11754.00	7.03	289.63	64.00	11752.73	6.11 N	16.77 W	1.58	17.82
11815.00	5.80	286.29	61.00	11813.35	8.23 N	23.24 W	2.11	24.63
11875.00	5.01	282.95	60.00	11873.08	9.66 N	28.71 W	1.42	30.28
11974.00	2.64	271.96	99.00	11971.85	10.71 N	35.20 W	2.50	36.79
12068.00	2.46	277.41	94.00	12065.76	11.05 N	39.36 W	0.32	40.87
12165.00	1.85	292.00	97.00	12162.69	11.90 N	42.88 W	0.84	44.48
12227.00	2.11	291.92	62.00	12224.66	12.70 N	44.86 W	0.42	46.62
12322.00	1.49	284.36	95.00	12319.61	13.66 N	47.68 W	0.70	49.59
12417.00	1.85	302.99	95.00	12414.57	14.80 N	50.17 W	0.68	52.30
12478.00	2.02	301.23	61.00	12475.53	15.90 N	51.91 W	0.30	54.29