

081-07408



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Questar E & P

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Deviation Summary

Well Name: ACE UNIT NO. 13

TMD: 8,582.0 (ft)

TVD: 8,570.41 (ft)

Location: 28- 11-N 97-W 13

Spud Date: 12/10/2007

S/T #

V.S. AZI (°)

Closure Distance: 103.1 (ft)

Closure Direction: 210.65 (°)

Calculation Method: Minimum Curvature

OH ✓

0.00

01 ✓

0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	0.0	0.00	0.00	NYN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	0.0	0.00	0.00	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	0.0	0.00	0.00	YNN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	1,237.0	1.50	81.92	YNN	1,236.86	2.28	16.03	2.28	0.12	0.12	MMS
OH	1,741.0	1.50	10.20	YNN	1,740.73	9.70	23.73	9.70	0.35	0.00	MMS
OH	2,276.0	1.50	109.10	YNN	2,275.61	14.30	31.59	14.30	0.43	0.00	MMS
OH	2,756.0	2.80	70.30	YNN	2,755.29	16.19	48.56	16.19	0.39	0.27	MMS
OH	3,326.0	5.80	117.40	YNN	3,323.77	7.63	87.26	7.63	0.77	0.53	MMS
OH	3,792.0	16.10	67.20	YNN	3,781.45	21.89	168.09	21.89	2.82	2.21	MMS
OH	3,823.0	15.10	68.60	YNN	3,811.30	25.03	175.81	25.03	3.45	-3.23	MMS
OH	4,045.0	15.10	63.00	YNN	4,025.65	48.71	228.50	48.71	0.66	0.00	MMS
01	0.0	0.00	0.00	NYN	0.00	0.00	0.00	0.00	0.00	0.00	
01	3,151.0	4.90	71.80	YNN	3,147.16	42.06	127.92	42.06	0.16	0.16	MWD
01	3,183.0	5.10	71.20	YNN	3,179.04	42.94	130.56	42.94	0.65	0.63	MWD
01	3,215.0	5.70	69.70	YNN	3,210.90	43.95	133.40	43.95	1.93	1.88	MWD
01	3,246.0	6.20	70.20	YNN	3,241.73	45.05	136.42	45.05	1.62	1.61	MWD
01	3,277.0	6.40	71.20	YNN	3,272.54	46.18	139.63	46.18	0.74	0.65	MWD
01	3,309.0	5.70	78.20	YNN	3,304.36	47.08	142.87	47.08	3.17	-2.19	MWD
01	3,339.0	2.50	139.60	YNN	3,334.29	46.88	144.76	46.88	16.69	-10.67	MWD
01	3,371.0	7.20	221.40	YNN	3,366.20	44.85	143.88	44.85	22.73	14.69	MWD
01	3,409.0	4.92	211.40	YNN	3,403.98	41.67	141.46	41.67	6.59	-6.00	MWD
01	3,473.0	4.62	207.91	YNN	3,467.76	37.05	138.82	37.05	0.65	-0.47	MWD
01	3,536.0	4.62	211.95	YNN	3,530.56	32.65	136.29	32.65	0.52	0.00	MWD
01	3,600.0	4.35	208.43	YNN	3,594.36	28.33	133.77	28.33	0.60	-0.42	MWD
01	3,663.0	4.35	211.69	YNN	3,657.18	24.20	131.38	24.20	0.39	0.00	MWD
01	3,726.0	4.40	212.57	YNN	3,720.00	20.13	128.82	20.13	0.13	0.08	MWD
01	3,789.0	3.91	209.23	YNN	3,782.83	16.22	126.47	16.22	0.87	-0.78	MWD
01	3,851.0	4.13	204.13	YNN	3,844.68	12.33	124.53	12.33	0.68	0.35	MWD
01	3,915.0	4.53	205.36	YNN	3,908.49	7.95	122.50	7.95	0.64	0.63	MWD
01	3,978.0	3.25	212.65	YNN	3,971.35	4.19	120.48	4.19	2.17	-2.03	MWD
01	4,041.0	3.16	212.04	YNN	4,034.25	1.22	118.59	1.22	0.15	-0.14	MWD
01	4,103.0	2.11	220.12	YNN	4,096.18	-1.10	116.95	-1.10	1.79	-1.69	MWD
01	4,166.0	2.07	217.05	YNN	4,159.14	-2.90	115.52	-2.90	0.19	-0.06	MWD

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S/T #

V.S. AZI (°)

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S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	4,230.0	1.98	220.12	YNN	4,223.10	-4.67	114.11	-4.67	0.22	-0.14	MWD
01	4,293.0	1.71	226.00	YNN	4,286.07	-6.15	112.73	-6.15	0.52	-0.43	MWD
01	4,650.0	2.30	223.11	YNN	4,642.85	-15.08	104.00	-15.08	0.17	0.17	MSS
01	5,157.0	4.50	238.91	YNN	5,148.94	-32.78	80.01	-32.78	0.47	0.43	MSS
01	5,700.0	3.50	250.75	YNN	5,690.62	-49.25	46.12	-49.25	0.24	-0.18	MMS
01	6,275.0	2.90	264.40	YNN	6,264.72	-56.45	15.08	-56.45	0.17	-0.10	MMS
01	6,972.0	1.80	248.70	YNN	6,961.13	-62.15	-12.67	-62.15	0.18	-0.16	MMS
01	8,582.0	1.70	223.20	YNN	8,570.41	-88.74	-52.58	-88.74	0.05	-0.01	MMS

