



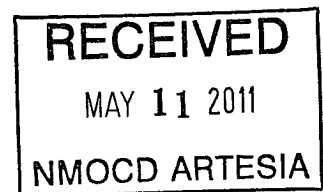
Scientific Drilling

Gyroscopic Survey Report
for
DEVON ENERGY

30-015-37899

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	SNAPPING 10 FED #1H
Rig Name	McVAY 6
Survey Date	7/28/2010
Latitude	32.06 deg
North Reference	Grid North
Grid Correction	0.30 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 179.61Azim (deg)
Definitive Survey	FINAL OUTRUN SURVEY
Operator	A.MADRID

Comments





Survey Report

Well Name: SNAPPING 10 FED #1H
 Survey: FINAL OUTRUN SURVEY
 Survey Date: 7/28/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.44	40.92	100.00	-0.29	0.29	0.25	0.44	0.38	40.92
200.00	0.71	45.09	199.99	-1.01	1.02	0.94	0.28	1.39	42.79
300.00	0.76	51.56	299.99	-1.86	1.87	1.90	0.09	2.67	45.48
400.00	0.61	52.52	399.98	-2.59	2.61	2.84	0.15	3.86	47.49
500.00	0.60	46.16	499.97	-3.27	3.29	3.64	0.07	4.91	47.89
600.00	0.51	20.38	599.97	-4.04	4.07	4.17	0.26	5.83	45.73
700.00	0.56	34.76	699.96	-4.85	4.89	4.61	0.15	6.72	43.32
800.00	0.74	92.38	799.96	-5.23	5.26	5.53	0.65	7.64	46.43
900.00	1.19	89.76	899.94	-5.19	5.24	7.22	0.45	8.92	54.01
1000.00	1.39	88.85	999.92	-5.21	5.27	9.47	0.21	10.84	60.90
1100.00	1.35	90.80	1099.89	-5.20	5.28	11.86	0.06	12.98	66.01
1200.00	1.70	100.60	1199.85	-4.89	4.99	14.50	0.44	15.33	71.01
1300.00	2.46	105.21	1299.79	-4.03	4.15	18.03	0.78	18.51	77.04
1400.00	2.39	109.40	1399.70	-2.74	2.90	22.07	0.19	22.26	82.53
1500.00	2.24	113.41	1499.62	-1.25	1.43	25.84	0.22	25.88	86.84
1600.00	1.99	116.57	1599.55	0.33	-0.13	29.18	0.28	29.18	90.25
1700.00	1.81	118.04	1699.49	1.86	-1.64	32.12	0.18	32.17	92.93
1800.00	1.46	129.33	1799.45	3.43	-3.20	34.50	0.47	34.65	95.29
1900.00	1.30	138.85	1899.42	5.10	-4.86	36.24	0.28	36.56	97.63
2000.00	1.15	149.76	1999.40	6.83	-6.58	37.49	0.27	38.06	99.95
2100.00	1.12	152.14	2099.38	8.57	-8.31	38.45	0.06	39.34	102.19
2200.00	1.23	154.45	2199.36	10.40	-10.13	39.37	0.12	40.65	104.44
2300.00	1.69	141.91	2299.33	12.54	-12.26	40.74	0.57	42.54	106.75
2400.00	1.94	133.51	2399.28	14.88	-14.59	42.88	0.36	45.30	108.79
2500.00	2.05	130.85	2499.22	17.23	-16.93	45.46	0.14	48.51	110.42
2600.00	1.79	127.13	2599.16	19.36	-19.04	48.05	0.29	51.69	111.61
2700.00	1.78	125.09	2699.11	21.21	-20.87	50.57	0.06	54.71	112.43
2800.00	1.85	130.99	2799.06	23.18	-22.82	53.06	0.20	57.75	113.27
2900.00	1.82	136.52	2899.01	25.40	-25.03	55.36	0.18	60.76	114.33
3000.00	1.43	131.97	2998.97	27.41	-27.02	57.39	0.41	63.43	115.21
3100.00	1.51	131.08	3098.94	29.12	-28.72	59.31	0.08	65.89	115.84
3200.00	1.26	125.66	3198.91	30.64	-30.22	61.19	0.28	68.25	116.28
3300.00	1.20	121.31	3298.89	31.84	-31.41	62.99	0.11	70.39	116.51
3400.00	1.23	121.77	3398.86	32.96	-32.52	64.80	0.03	72.50	116.65
3500.00	2.10	120.83	3498.82	34.49	-34.03	67.29	0.87	75.40	116.83
3600.00	2.62	127.93	3598.74	36.86	-36.38	70.67	0.59	79.48	117.24
3700.00	2.89	131.64	3698.62	39.96	-39.45	74.35	0.32	84.17	117.95
3800.00	3.37	134.62	3798.47	43.72	-43.19	78.33	0.51	89.45	118.87



Survey Report

Well Name:		SNAPPING 10 FED #1H								
Survey:		FINAL OUTFRAN SURVEY								
Survey Date:		7/28/2010								
MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle	
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg	
3900.00	3.22	135.75	3898.31	47.83	-47.27	82.38	0.16	94.98	119.85	
4000.00	2.91	134.73	3998.16	51.66	-51.07	86.15	0.31	100.15	120.66	
4100.00	2.42	132.75	4098.05	54.90	-54.29	89.50	0.50	104.68	121.24	
4200.00	2.26	133.58	4197.97	57.71	-57.09	92.48	0.16	108.68	121.69	
4300.00	2.16	130.13	4297.90	60.31	-59.66	95.36	0.17	112.49	122.03	
4400.00	1.89	131.61	4397.83	62.64	-61.98	98.04	0.28	115.98	122.30	
4500.00	1.83	134.23	4497.78	64.87	-64.19	100.42	0.10	119.18	122.59	
4600.00	1.59	128.04	4597.73	66.86	-66.16	102.65	0.31	122.13	122.80	
4700.00	1.19	132.80	4697.71	68.43	-67.72	104.50	0.42	124.53	122.94	
4800.00	1.02	129.51	4797.69	69.70	-68.99	105.95	0.18	126.43	123.07	
4900.00	0.69	130.69	4897.68	70.67	-69.94	107.09	0.33	127.91	123.15	
5000.00	0.47	142.43	4997.67	71.39	-70.66	107.80	0.25	128.89	123.24	
5100.00	0.17	216.60	5097.67	71.83	-71.10	107.96	0.45	129.27	123.37	
5200.00	0.16	266.23	5197.67	71.96	-71.23	107.73	0.14	129.15	123.47	
5300.00	0.21	277.58	5297.67	71.94	-71.21	107.41	0.06	128.87	123.54	
5400.00	0.15	273.79	5397.67	71.91	-71.18	107.10	0.06	128.59	123.61	
5500.00	0.22	285.32	5497.67	71.84	-71.12	106.78	0.08	128.30	123.66	
5600.00	0.22	278.31	5597.67	71.76	-71.04	106.41	0.03	127.94	123.73	
5700.00	0.18	275.44	5697.67	71.72	-71.00	106.06	0.04	127.63	123.80	
5800.00	0.29	260.36	5797.67	71.74	-71.03	105.65	0.12	127.31	123.91	
5900.00	0.30	236.26	5897.66	71.93	-71.22	105.18	0.12	127.02	124.10	
6000.00	0.32	223.19	5997.66	72.28	-71.57	104.77	0.07	126.88	124.34	
6100.00	0.47	203.39	6097.66	72.86	-72.15	104.41	0.20	126.92	124.64	
6200.00	0.47	207.60	6197.66	73.59	-72.89	104.06	0.03	127.05	125.01	
6300.00	0.47	207.58	6297.65	74.31	-73.61	103.68	0.00	127.16	125.37	
6400.00	1.50	220.79	6397.64	75.67	-74.97	102.64	1.05	127.10	126.15	
6500.00	0.88	247.30	6497.62	76.94	-76.26	101.07	0.82	126.61	127.03	
6600.00	1.05	244.89	6597.60	77.62	-76.94	99.54	0.18	125.81	127.70	
6700.00	0.91	240.53	6697.59	78.39	-77.72	98.01	0.16	125.09	128.41	
6800.00	0.92	240.46	6797.57	79.17	-78.51	96.62	0.01	124.50	129.10	
6900.00	1.03	243.51	6897.56	79.96	-79.31	95.11	0.12	123.84	129.82	
7000.00	0.78	248.22	6997.55	80.60	-79.96	93.68	0.26	123.16	130.48	
7100.00	0.97	232.03	7097.54	81.37	-80.74	92.38	0.31	122.69	131.15	
7200.00	0.94	220.90	7197.52	82.50	-81.88	91.17	0.19	122.54	131.93	
7300.00	1.16	221.29	7297.50	83.87	-83.26	89.97	0.23	122.58	132.78	
7400.00	0.93	211.63	7397.49	85.31	-84.71	88.87	0.29	122.78	133.63	
7500.00	1.00	204.93	7497.47	86.79	-86.19	88.08	0.13	123.24	134.38	
7600.00	1.04	196.31	7597.46	88.44	-87.85	87.46	0.16	123.96	135.13	



Survey Report

Well Name: SNAPPING 10 FED #1H
Survey: FINAL OUTFUN SURVEY
Survey Date: 7/28/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
7700.00	1.22	192.31	7697.44	90.35	-89.76	86.98	0.20	124.99	135.90
7800.00	1.21	188.93	7797.42	92.43	-91.85	86.59	0.07	126.23	136.69
7900.00	1.08	186.50	7897.40	94.40	-93.82	86.32	0.14	127.49	137.38
8000.00	1.05	189.33	7997.38	96.24	-95.66	86.06	0.06	128.67	138.02
8100.00	1.26	185.43	8097.36	98.24	-97.66	85.81	0.23	130.00	138.69
8200.00	1.20	159.37	8197.34	100.32	-99.74	86.08	0.56	131.74	139.20
8300.00	1.20	158.16	8297.31	102.28	-101.69	86.84	0.03	133.73	139.51
8400.00	1.24	148.74	8397.29	104.19	-103.59	87.79	0.20	135.79	139.72
8425.00	1.65	159.27	8422.28	104.76	-104.16	88.05	1.97	136.39	139.79