



Scientific Drilling

Gyroscopic Survey Report
for

DEVON ENERGY

30-015-38602

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	ALDABRA 25 FED #6H
Rig Name	H&P #614
Survey Date	4/11/2011
Latitude	32.27 deg
North Reference	Grid North
Grid Correction	-0.32 deg
Depth Reference	25' KB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 352.50Azim (deg)
Definitive Survey	FINAL OUTFRAN SURVEY
Operator	A.MADRID

Comments

RECEIVED

AUG 1 2011

NMOCD ARTESIA



Well Name: ALDABRA 25 FED #6H
 Survey: FINAL OUTFRAN SURVEY
 Survey Date: 4/11/2011

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	0.46	228.68	100.00	-0.22	-0.26	-0.30	0.46	0.40	228.68
200.00	0.46	222.93	200.00	-0.70	-0.82	-0.87	0.05	1.20	226.77
300.00	0.38	216.79	299.99	-1.19	-1.38	-1.34	0.09	1.92	224.27
400.00	0.28	232.19	399.99	-1.55	-1.79	-1.73	0.13	2.49	224.07
500.00	0.31	231.62	499.99	-1.81	-2.11	-2.14	0.03	3.01	225.41
600.00	0.76	255.27	599.99	-2.03	-2.45	-2.99	0.49	3.86	230.72
700.00	0.76	257.05	699.98	-2.18	-2.76	-4.28	0.03	5.09	237.14
800.00	0.71	253.86	799.97	-2.34	-3.08	-5.52	0.07	6.32	240.81
900.00	0.51	243.79	899.96	-2.57	-3.45	-6.52	0.22	7.38	242.08
1000.00	0.59	237.85	999.96	-2.93	-3.92	-7.35	0.09	8.33	241.91
1100.00	0.41	223.12	1099.95	-3.37	-4.46	-8.03	0.21	9.19	240.96
1200.00	0.31	214.08	1199.95	-3.81	-4.95	-8.43	0.11	9.77	239.59
1300.00	0.38	217.89	1299.95	-4.24	-5.44	-8.79	0.07	10.33	238.26
1400.00	0.37	208.73	1399.95	-4.74	-5.98	-9.15	0.06	10.93	236.82
1500.00	0.44	220.36	1499.95	-5.26	-6.56	-9.55	0.11	11.59	235.52
1600.00	0.48	225.92	1599.94	-5.77	-7.15	-10.10	0.06	12.38	234.73
1700.00	0.51	228.25	1699.94	-6.27	-7.73	-10.74	0.03	13.23	234.23
1800.00	0.46	231.40	1799.94	-6.72	-8.28	-11.38	0.06	14.07	233.97
1900.00	0.18	238.16	1899.93	-6.99	-8.60	-11.82	0.28	14.62	233.94
2000.00	0.04	199.37	1999.93	-7.08	-8.72	-11.96	0.15	14.80	233.91
2100.00	0.12	162.42	2099.93	-7.21	-8.84	-11.94	0.09	14.86	233.47
2200.00	0.09	166.93	2199.93	-7.39	-9.02	-11.89	0.02	14.92	232.81
2300.00	0.20	347.48	2299.93	-7.30	-8.93	-11.91	0.30	14.88	233.14
2400.00	0.33	6.96	2399.93	-6.85	-8.47	-11.91	0.15	14.62	234.57
2500.00	0.51	358.58	2499.93	-6.13	-7.75	-11.89	0.19	14.19	236.90
2600.00	0.78	350.81	2599.92	-5.01	-6.64	-12.01	0.29	13.72	241.07
2700.00	0.80	50.39	2699.92	-3.96	-5.52	-11.58	0.78	12.83	244.51
2800.00	1.05	44.49	2799.90	-3.03	-4.42	-10.40	0.27	11.30	246.96
2900.00	0.90	49.64	2899.89	-2.04	-3.26	-9.16	0.18	9.73	250.40
3000.00	0.89	47.40	2999.88	-1.17	-2.23	-8.00	0.04	8.30	254.40
3100.00	0.90	46.60	3099.86	-0.26	-1.17	-6.85	0.02	6.95	260.33
3200.00	0.87	49.61	3199.85	0.61	-0.14	-5.70	0.05	5.71	268.64
3300.00	0.52	65.51	3299.84	1.16	0.55	-4.71	0.40	4.74	276.62
3400.00	0.06	120.92	3399.84	1.26	0.71	-4.25	0.49	4.30	279.45
3500.00	0.15	135.00	3499.84	1.12	0.59	-4.11	0.09	4.15	278.14
3600.00	0.38	148.01	3599.84	0.72	0.22	-3.84	0.24	3.85	273.24
3700.00	0.55	148.85	3699.84	-0.02	-0.47	-3.42	0.17	3.45	262.15
3800.00	1.60	118.68	3799.82	-1.29	-1.55	-1.95	1.16	2.49	231.41



Survey Report

Well Name: ALDABRA 25 FED #6H
 Survey: FINAL OUTFRAN SURVEY
 Survey Date: 4/11/2011

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
3900.00	2.54	125.19	3899.75	-3.61	-3.50	1.09	0.97	3.67	162.69
4000.00	2.67	127.80	3999.65	-6.77	-6.21	4.75	0.18	7.81	142.61
4100.00	3.73	132.20	4099.49	-10.91	-9.82	9.00	1.08	13.32	137.51
4200.00	4.47	137.53	4199.24	-16.58	-14.88	14.04	0.83	20.45	136.67
4300.00	4.48	135.89	4298.93	-22.91	-20.56	19.39	0.13	28.26	136.68
4400.00	3.60	132.92	4398.68	-28.47	-25.50	24.40	0.91	35.30	136.26
4500.00	2.90	132.08	4498.52	-32.81	-29.33	28.58	0.70	40.95	135.75
4600.00	2.41	132.07	4598.41	-36.34	-32.44	32.02	0.49	45.58	135.37
4700.00	2.20	133.17	4698.33	-39.43	-35.16	34.98	0.21	49.60	135.15
4800.00	1.96	131.53	4798.27	-42.21	-37.61	37.67	0.25	53.23	134.96
4900.00	1.88	131.38	4898.21	-44.73	-39.83	40.18	0.09	56.57	134.75
5000.00	1.57	128.57	4998.16	-46.95	-41.77	42.47	0.32	59.57	134.52
5100.00	1.58	129.72	5098.13	-48.95	-43.50	44.60	0.04	62.30	134.28
5200.00	1.53	130.85	5198.09	-50.96	-45.26	46.68	0.06	65.02	134.12
5300.00	1.39	129.75	5298.06	-52.85	-46.91	48.62	0.14	67.56	133.97
5400.00	1.30	134.31	5398.03	-54.64	-48.48	50.37	0.14	69.91	133.90
5500.00	1.21	133.98	5498.01	-56.35	-50.00	51.94	0.08	72.10	133.91
5600.00	1.09	135.66	5597.99	-57.94	-51.42	53.37	0.13	74.11	133.93
5700.00	0.96	133.27	5697.97	-59.36	-52.67	54.64	0.13	75.90	133.95
5800.00	0.93	132.80	5797.96	-60.63	-53.80	55.85	0.03	77.55	133.93
5900.00	0.90	132.73	5897.94	-61.86	-54.89	57.03	0.03	79.15	133.91
6000.00	0.82	123.16	5997.93	-62.93	-55.81	58.20	0.17	80.64	133.80
6100.00	0.91	123.46	6097.92	-63.92	-56.64	59.46	0.09	82.12	133.61
6200.00	0.60	163.13	6197.91	-64.95	-57.58	60.27	0.59	83.35	133.69
6300.00	0.81	200.33	6297.91	-66.09	-58.74	60.18	0.49	84.09	134.31
6400.00	0.82	190.64	6397.89	-67.40	-60.10	59.80	0.14	84.79	135.14
6500.00	0.98	197.51	6497.88	-68.85	-61.62	59.41	0.19	85.60	136.05
6600.00	0.85	203.05	6597.87	-70.27	-63.13	58.86	0.15	86.31	137.00
6700.00	1.00	197.99	6697.86	-71.70	-64.64	58.30	0.16	87.05	137.95
6800.00	0.88	210.14	6797.84	-73.09	-66.13	57.65	0.23	87.73	138.92
6900.00	0.88	202.17	6897.83	-74.37	-67.51	56.97	0.12	88.34	139.84
7000.00	1.27	210.26	6997.81	-75.92	-69.18	56.12	0.42	89.08	140.95
7100.00	1.51	210.20	7097.78	-77.83	-71.28	54.90	0.23	89.97	142.40
7200.00	2.81	207.99	7197.71	-80.87	-74.58	53.09	1.31	91.54	144.55
7300.00	1.81	208.87	7297.63	-84.13	-78.12	51.18	1.01	93.39	146.77
7400.00	1.60	206.99	7397.58	-86.55	-80.75	49.78	0.21	94.86	148.35
7500.00	1.62	199.44	7497.55	-88.97	-83.33	48.68	0.21	96.50	149.71
7600.00	1.58	191.24	7597.51	-91.54	-86.02	47.94	0.23	98.47	150.87



Survey Report

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Survey: FINAL OUTRUN SURVEY
Survey Date: 4/11/2011

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	1.31	187.17	7697.47	-93.96	-88.51	47.52	0.29	100.46	151.77
7800.00	1.49	179.75	7797.44	-96.35	-90.95	47.39	0.25	102.55	152.48
7900.00	1.34	177.10	7897.41	-98.81	-93.41	47.45	0.16	104.77	153.07
8000.00	1.01	164.11	7997.39	-100.85	-95.43	47.75	0.42	106.71	153.42
8100.00	1.30	174.88	8097.37	-102.85	-97.41	48.09	0.36	108.63	153.72
8200.00	1.55	179.66	8197.34	-105.33	-99.89	48.20	0.28	110.91	154.24
8263.00	1.15	190.15	8260.32	-106.77	-101.36	48.10	0.75	112.20	154.62