



Scientific Drilling

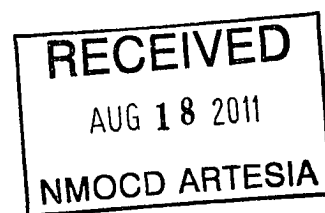
Gyroscopic Survey Report
for
DEVON

30-015-38333

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	TURQUOISE PWU 27 #1H
Rig Name	H&P 300
Survey Date	5/1/2011
Latitude	32.64 deg
North Reference	Grid North
Grid Correction	-0.14 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 84.01Azim (deg)
Definitive Survey	FINAL GYRO SURVEY
Operator	DUSTIN FIGUEROA

Comments

26.2 FT. K/B





Scientific Drilling

Survey Report

Well Name: TURQUOISE PWU 27 #1H

Survey: FINAL GYRO SURVEY

Survey Date: 5/1/2011

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	132.90	100.00	0.26	-0.27	0.29	0.46	0.40	132.90
200.00	0.49	112.50	200.00	0.90	-0.71	0.98	0.17	1.21	125.85
300.00	0.80	94.26	299.99	1.96	-0.92	2.07	0.37	2.26	114.00
400.00	0.82	86.33	399.98	3.37	-0.93	3.48	0.11	3.60	104.89
500.00	0.95	90.92	499.97	4.90	-0.89	5.03	0.14	5.10	100.08
600.00	0.91	79.88	599.95	6.51	-0.77	6.63	0.18	6.67	96.60
700.00	1.03	88.05	699.94	8.20	-0.60	8.30	0.18	8.33	94.12
800.00	1.19	83.68	799.92	10.13	-0.45	10.23	0.18	10.24	92.54
900.00	1.27	84.35	899.90	12.27	-0.23	12.36	0.08	12.36	91.06
1000.00	1.56	79.65	999.87	14.73	0.12	14.80	0.31	14.80	89.52
1100.00	2.32	85.01	1099.81	18.11	0.54	18.16	0.79	18.16	88.28
1200.00	2.57	86.65	1199.72	22.38	0.85	22.41	0.25	22.43	87.82
1300.00	2.01	80.22	1299.64	26.37	1.28	26.38	0.61	26.41	87.22
1400.00	1.72	81.18	1399.59	29.63	1.81	29.60	0.29	29.65	86.50
1500.00	1.39	78.10	1499.55	32.33	2.29	32.27	0.35	32.35	85.94
1600.00	1.05	73.01	1599.53	34.43	2.81	34.33	0.35	34.44	85.32
1700.00	0.87	70.99	1699.51	36.07	3.32	35.92	0.19	36.08	84.72
1800.00	0.91	72.07	1799.50	37.59	3.81	37.39	0.05	37.59	84.18
1900.00	0.41	60.02	1899.49	38.69	4.24	38.46	0.51	38.69	83.71
2000.00	0.46	48.50	1999.49	39.35	4.69	39.08	0.10	39.36	83.16
2100.00	0.33	43.97	2099.49	39.90	5.16	39.58	0.14	39.91	82.57
2200.00	0.28	44.19	2199.49	40.31	5.54	39.95	0.05	40.33	82.10
2300.00	0.36	34.11	2299.48	40.70	5.98	40.30	0.10	40.74	81.56
2400.00	0.26	25.71	2399.48	41.02	6.45	40.57	0.11	41.08	80.97
2500.00	0.33	27.16	2499.48	41.30	6.91	40.80	0.07	41.38	80.39
2600.00	0.37	4.88	2599.48	41.52	7.49	40.96	0.14	41.64	79.64
2700.00	0.32	348.04	2699.48	41.55	8.08	40.93	0.11	41.72	78.83
2800.00	0.33	321.44	2799.48	41.37	8.58	40.69	0.15	41.59	78.09
2900.00	0.50	308.05	2899.47	40.90	9.08	40.17	0.19	41.18	77.27
3000.00	0.46	302.81	2999.47	40.27	9.56	39.49	0.06	40.63	76.39
3100.00	0.50	281.20	3099.47	39.54	9.87	38.72	0.18	39.96	75.70
3200.00	0.73	279.06	3199.46	38.51	10.05	37.67	0.23	38.98	75.06
3300.00	0.58	262.97	3299.45	37.39	10.09	36.54	0.23	37.90	74.56
3400.00	0.58	260.17	3399.45	36.38	9.94	35.54	0.03	36.90	74.37
3500.00	0.58	260.10	3499.44	35.37	9.77	34.54	0.01	35.89	74.21
3600.00	0.56	270.33	3599.44	34.39	9.68	33.56	0.10	34.93	73.90
3700.00	0.62	273.12	3699.43	33.37	9.72	32.54	0.07	33.95	73.37
3800.00	0.53	290.01	3799.43	32.42	9.90	31.56	0.19	33.08	72.58



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Survey Report

Well Name: TURQUOISE PWU 27 #1H

Survey: FINAL GYRO SURVEY

Survey Date: 5/1/2011

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	0.54	285.07	3899.42	31.56	10.19	30.67	0.05	32.32	71.63
4000.00	0.56	283.99	3999.42	30.66	10.43	29.74	0.02	31.51	70.65
4100.00	0.54	292.22	4099.42	29.78	10.72	28.82	0.08	30.75	69.59
4200.00	0.61	301.78	4199.41	28.94	11.19	27.93	0.12	30.08	68.17
4300.00	0.78	348.74	4299.40	28.46	12.13	27.34	0.58	29.91	66.07
4400.00	1.09	13.24	4399.39	28.71	13.73	27.42	0.50	30.67	63.41
4500.00	1.02	23.21	4499.37	29.45	15.47	27.99	0.19	31.98	61.07
4600.00	1.72	3.43	4599.35	30.14	17.79	28.43	0.83	33.54	57.97
4700.00	2.10	359.64	4699.29	30.56	21.12	28.51	0.40	35.48	53.47
4800.00	2.92	356.38	4799.19	30.85	25.49	28.34	0.83	38.12	48.03
4900.00	2.98	353.11	4899.06	30.91	30.62	27.87	0.18	41.40	42.31
5000.00	2.68	347.32	4998.94	30.60	35.48	27.04	0.42	44.61	37.31
5100.00	2.63	344.90	5098.83	29.96	39.98	25.93	0.12	47.65	32.97
5200.00	2.56	342.27	5198.73	29.14	44.32	24.65	0.14	50.71	29.09
5300.00	1.93	340.44	5298.65	28.30	48.02	23.41	0.63	53.43	25.99
5400.00	2.30	340.12	5398.58	27.42	51.49	22.17	0.37	56.06	23.29
5500.00	2.32	341.67	5498.50	26.51	55.30	20.85	0.07	59.10	20.66
5600.00	2.47	342.54	5598.41	25.65	59.28	19.57	0.16	62.43	18.27
5700.00	2.77	337.73	5698.31	24.54	63.58	18.00	0.37	66.08	15.81
5800.00	2.87	330.22	5798.19	22.85	67.99	15.84	0.38	69.81	13.12
5900.00	3.00	327.61	5898.06	20.68	72.37	13.20	0.19	73.57	10.33
6000.00	3.25	327.04	5997.91	18.23	76.97	10.25	0.25	77.65	7.59
6100.00	3.41	325.98	6097.74	15.54	81.81	7.04	0.17	82.11	4.92
6200.00	3.76	312.95	6197.55	11.99	86.51	2.98	0.88	86.56	1.97
6300.00	3.79	312.53	6297.33	7.64	90.98	-1.86	0.04	91.00	358.83
6400.00	3.21	313.55	6397.14	3.64	95.15	-6.33	0.59	95.36	356.20
6500.00	2.69	309.00	6497.01	0.16	98.55	-10.18	0.57	99.07	354.10
6600.00	2.18	301.04	6596.92	-3.02	101.01	-13.63	0.61	101.92	352.31
6700.00	1.44	310.57	6696.87	-5.40	102.81	-16.22	0.80	104.08	351.04
6800.00	1.12	312.22	6796.84	-6.91	104.28	-17.89	0.32	105.80	350.26
6900.00	0.61	240.19	6896.83	-8.05	104.67	-19.08	1.10	106.39	349.67
7000.00	0.38	193.23	6996.83	-8.64	104.08	-19.61	0.45	105.91	349.33
7100.00	0.43	209.14	7096.83	-8.97	103.43	-19.87	0.12	105.32	349.13
7200.00	0.98	153.75	7196.82	-8.88	102.34	-19.67	0.82	104.21	349.12
7300.00	1.06	132.21	7296.80	-7.97	100.94	-18.60	0.39	102.64	349.56
7306.00	2.02	151.05	7302.80	-7.89	100.81	-18.51	17.84	102.50	349.60