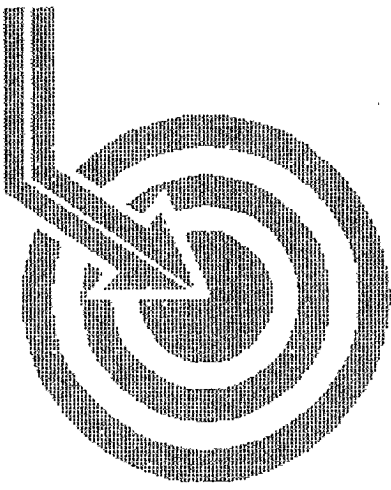




Scientific Drilling



EOG

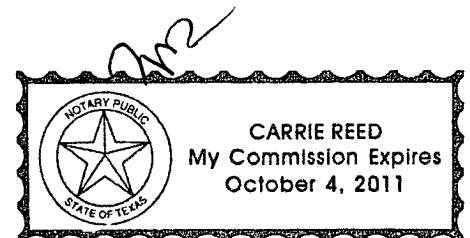
Field: Sand Tank Bone Springs
Site: Eddy County, NM
Well: Sand Tank 1 Federal Com #2H
Wellpath: VH - Job #32K0210112
Survey: 02/16/10

This survey is correct to the best of my knowledge and is supported by actual field data.

Richard
Company Representative

Notarized this date 11th **of** March, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International, Inc.

Survey Report

Company: EOG Date: 2/19/2010 Time: 16:08:46 Page: 1
 Field: Sand Tank Bone Springs Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Site: Eddy County, NM Vertical (TVD) Reference: SITE 0.0
 Well: Sand Tank 1 Federal Com #2H Section (VS) Reference: Well (0.00N,0.00E,274.10Azi)
 Wellpath: VH - Job #32K0210112 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 02/16/10 Start Date: 2/16/2010
 KSRG 0'-6810'
 Company: Scientific Drilling Internatio Engineer: Madrid w/Gray
 Tool: Keeper, Keeper Surface Readout Gyro Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.0	0.00	359.83	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.30	217.91	100.0	0.1	-0.2	-0.2	0.30	0.3	217.91
200.0	0.29	220.52	200.0	0.4	-0.6	-0.5	0.02	0.8	218.76
300.0	0.70	204.85	300.0	0.8	-1.4	-0.9	0.43	1.6	213.86
400.0	0.79	202.82	400.0	1.2	-2.5	-1.4	0.09	2.9	209.38
500.0	0.78	199.09	500.0	1.6	-3.8	-1.9	0.05	4.3	206.70
600.0	0.71	209.52	600.0	2.1	-5.0	-2.4	0.15	5.6	206.08
700.0	0.79	201.80	700.0	2.6	-6.2	-3.0	0.13	6.9	205.96
800.0	0.77	196.36	800.0	2.9	-7.5	-3.5	0.08	8.2	204.84
900.0	0.72	185.79	899.9	3.1	-8.7	-3.7	0.15	9.5	203.00
1000.0	0.49	146.29	999.9	2.8	-9.7	-3.5	0.46	10.3	199.99
1100.0	0.48	121.58	1099.9	2.2	-10.3	-2.9	0.21	10.7	195.94
1200.0	0.40	114.23	1199.9	1.5	-10.7	-2.3	0.10	10.9	192.00
1300.0	0.35	124.05	1299.9	0.9	-11.0	-1.7	0.08	11.1	188.78
1400.0	0.32	122.65	1399.9	0.4	-11.3	-1.2	0.03	11.4	186.09
1500.0	0.21	111.22	1499.9	0.0	-11.5	-0.8	0.12	11.5	183.97
1600.0	0.12	143.52	1599.9	-0.3	-11.7	-0.6	0.13	11.7	182.78
1700.0	0.15	173.53	1699.9	-0.4	-11.9	-0.5	0.08	11.9	182.36
1800.0	0.24	212.79	1799.9	-0.3	-12.2	-0.6	0.16	12.2	182.77
1900.0	0.26	218.98	1899.9	-0.1	-12.5	-0.8	0.03	12.6	183.85
2000.0	0.24	235.47	1999.9	0.2	-12.8	-1.2	0.07	12.9	185.17
2100.0	0.37	231.30	2099.9	0.6	-13.1	-1.6	0.13	13.2	186.87
2200.0	0.41	207.89	2199.9	1.0	-13.7	-2.0	0.16	13.8	188.34
2300.0	0.55	231.23	2299.9	1.5	-14.3	-2.5	0.24	14.5	190.10
2400.0	0.76	228.03	2399.9	2.3	-15.0	-3.4	0.21	15.4	192.79
2500.0	0.86	224.99	2499.9	3.3	-16.0	-4.4	0.11	16.6	195.50
2600.0	0.84	225.31	2599.9	4.3	-17.0	-5.5	0.02	17.9	197.84
2700.0	0.91	229.47	2699.9	5.3	-18.1	-6.6	0.09	19.2	200.09
2800.0	0.79	236.47	2799.9	6.4	-19.0	-7.8	0.16	20.5	202.32
2900.0	0.79	240.64	2899.9	7.5	-19.7	-9.0	0.06	21.6	204.48
3000.0	0.83	243.48	2999.8	8.7	-20.4	-10.2	0.06	22.8	206.65
3100.0	1.03	240.58	3099.8	10.1	-21.1	-11.6	0.21	24.1	208.87
3200.0	1.24	249.25	3199.8	11.8	-21.9	-13.4	0.27	25.7	211.49
3300.0	1.19	264.19	3299.8	13.8	-22.4	-15.5	0.32	27.3	214.62
3400.0	1.29	264.90	3399.8	16.0	-22.6	-17.6	0.10	28.7	217.93
3500.0	1.44	265.57	3499.7	18.3	-22.8	-20.0	0.15	30.4	221.23
3600.0	1.48	263.61	3599.7	20.8	-23.1	-22.5	0.06	32.3	224.34
3700.0	1.39	269.14	3699.7	23.3	-23.2	-25.0	0.17	34.2	227.14
3800.0	1.24	271.22	3799.6	25.6	-23.2	-27.3	0.16	35.9	229.64
3900.0	1.13	271.11	3899.6	27.7	-23.2	-29.4	0.11	37.5	231.74
4000.0	0.82	272.41	3999.6	29.4	-23.1	-31.1	0.31	38.8	233.35
4100.0	0.66	281.53	4099.6	30.7	-23.0	-32.4	0.20	39.7	234.62
4200.0	0.65	273.15	4199.6	31.8	-22.9	-33.5	0.10	40.6	235.72
4300.0	0.79	285.34	4299.6	33.0	-22.6	-34.8	0.21	41.5	236.92
4400.0	0.93	277.52	4399.6	34.5	-22.3	-36.2	0.18	42.6	238.32
4500.0	0.68	289.43	4499.6	35.9	-22.0	-37.6	0.30	43.6	239.61
4600.0	0.47	295.76	4599.6	36.9	-21.7	-38.5	0.22	44.2	240.64
4700.0	0.34	344.43	4699.6	37.3	-21.2	-39.0	0.35	44.4	241.44
4800.0	0.46	57.14	4799.6	37.1	-20.7	-38.7	0.48	43.9	241.86



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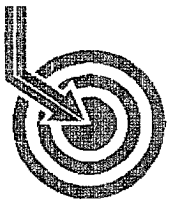
Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 2/19/2010	Time: 16:08:46	Page: 2
Field: Sand Tank Bone Springs	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Sand Tank 1 Federal Com #2H	Section (VS) Reference:	Well (0.00N,0.00E,274.10Azi)	
Wellpath: VH - Job #32K0210112	Survey Calculation Method:	Minimum Curvature	Db: Sybase

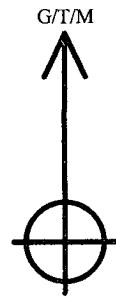
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.82	68.64	4899.6	36.2	-20.2	-37.7	0.38	42.8	241.79
5000.0	0.95	70.08	4999.5	34.8	-19.7	-36.3	0.13	41.3	241.51
5100.0	1.25	73.91	5099.5	33.0	-19.1	-34.4	0.31	39.4	240.98
5200.0	1.37	76.46	5199.5	30.8	-18.5	-32.2	0.13	37.2	240.12
5300.0	1.37	76.59	5299.5	28.5	-18.0	-29.9	0.00	34.9	239.01
5400.0	1.22	76.42	5399.4	26.4	-17.4	-27.7	0.15	32.7	237.82
5500.0	0.99	83.26	5499.4	24.5	-17.1	-25.8	0.26	30.9	236.50
5600.0	1.12	21.63	5599.4	23.4	-16.1	-24.6	1.09	29.4	236.83
5700.0	1.50	11.68	5699.4	22.9	-13.9	-24.0	0.44	27.7	239.92
5800.0	1.63	17.13	5799.3	22.4	-11.2	-23.3	0.20	25.8	244.23
5900.0	1.63	12.51	5899.3	21.9	-8.5	-22.5	0.13	24.1	249.37
6000.0	1.62	2.80	5999.3	21.7	-5.7	-22.2	0.28	22.9	255.61
6100.0	2.16	349.78	6099.2	22.2	-2.4	-22.4	0.69	22.6	263.84
6200.0	2.39	347.68	6199.1	23.3	1.5	-23.2	0.24	23.3	273.62
6300.0	2.90	347.37	6299.0	24.6	6.0	-24.2	0.51	24.9	283.86
6400.0	3.30	348.34	6398.9	26.1	11.3	-25.3	0.40	27.7	293.96
6500.0	3.71	351.92	6498.7	27.6	17.3	-26.4	0.46	31.5	303.23
6600.0	4.36	350.22	6598.4	29.1	24.2	-27.5	0.66	36.6	311.40
6700.0	4.99	349.93	6698.1	31.1	32.3	-28.9	0.63	43.3	318.16
6800.0	6.09	349.43	6797.6	33.5	41.8	-30.6	1.10	51.8	323.74
6810.0	6.26	350.58	6807.6	33.8	42.8	-30.8	2.10	52.8	324.26

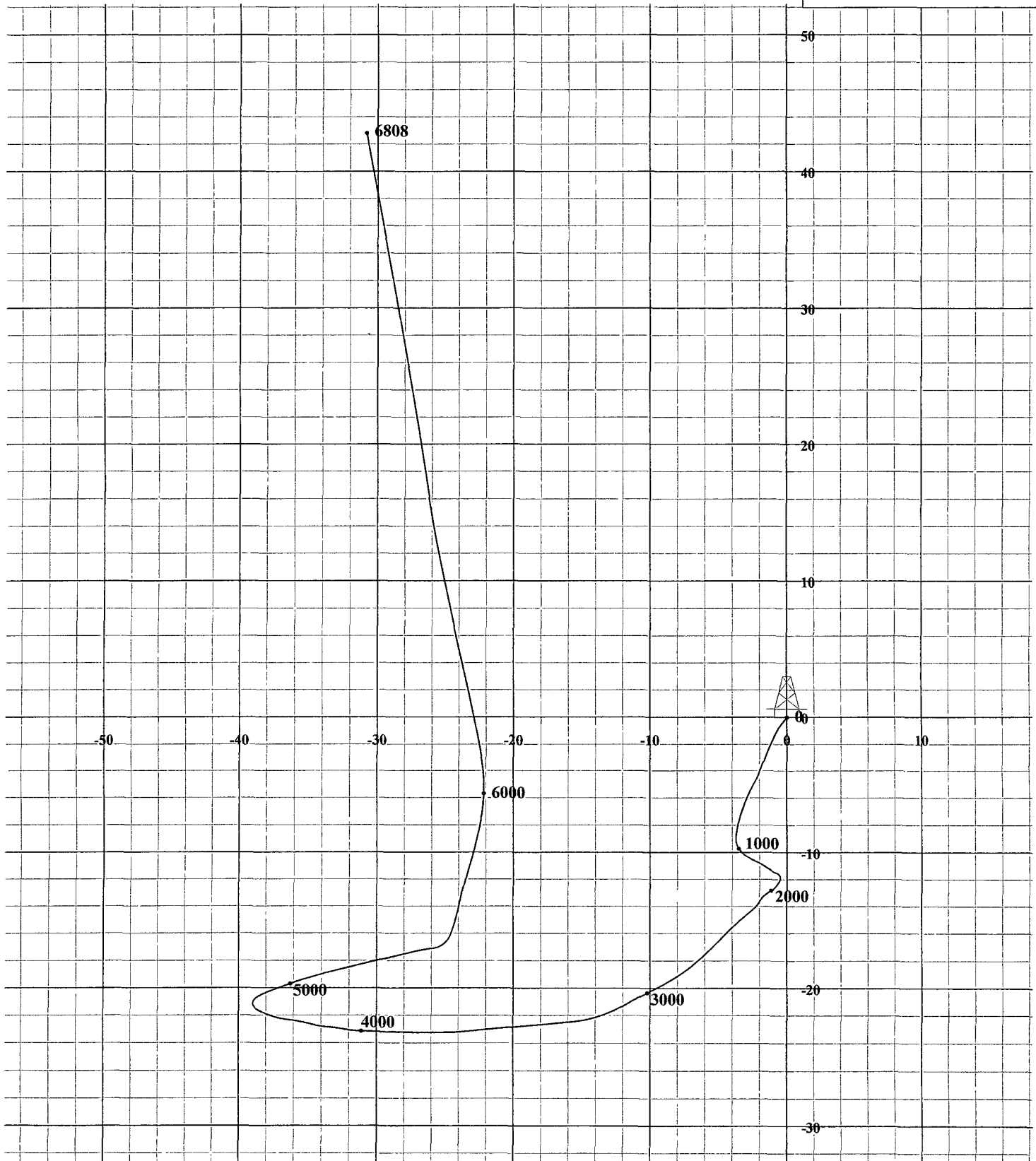


Scientific
Drilling

Field: Sand Tank Bone Springs
Site: Eddy County, NM
Well: Sand Tank 1 Federal Com #2H
Survey: 02/16/10



Azimuths to Grid North
True North: 0 00°
Magnetic North: 0 00°
Magnetic Field
Dip Angle: 0 00°
Date: 2/19/2010
Model: igr2000



South(-)/North(+) [10ft/in]

West(-)/East(+) [10ft/in]