



Scientific Drilling

E.O.G.

Field: Sand Tank
Site: Eddy County, NM
Well: Sand Tank Fed #2H
Wellpath: VH - Job #32K0206119
Survey: 02/11/06

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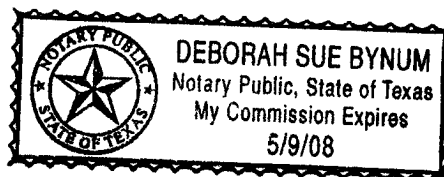
This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature] Company Representative

Notorized this date 6th of March, 2006.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: E.O.G.	Date: 03/06/2006	Time: 18:57:42	Page: 1
Field: Sand Tank	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Sand Tank Fed #2H	Section (VS) Reference:	Well (0.00N,0.00E,179.88Azi)	
Wellpath: VH - Job #32K0206119	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 02/11/06	Start Date: 02/11/2006
KSRG 0'-7760'	
Company: Scientific Drilling Internatio	Engineer: Madrid w/Rotary
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	ChD ft	ChA deg
0.00	0.00	359.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.18	359.22	100.00	-0.16	0.16	0.00	0.18	0.16	359.22
200.00	0.27	316.39	200.00	-0.49	0.48	-0.17	0.18	0.51	341.01
300.00	0.36	274.71	300.00	-0.68	0.68	-0.64	0.24	0.94	316.68
400.00	0.82	229.97	399.99	-0.25	0.25	-1.50	0.62	1.52	279.32
500.00	1.04	231.07	499.98	0.78	-0.78	-2.76	0.22	2.87	254.13
600.00	1.09	236.92	599.96	1.86	-1.87	-4.26	0.12	4.65	246.26
700.00	1.30	242.08	699.94	2.91	-2.92	-6.06	0.24	6.73	244.24
800.00	1.47	241.49	799.91	4.05	-4.07	-8.19	0.17	9.14	243.59
900.00	1.70	250.20	899.87	5.16	-5.18	-10.71	0.33	11.90	244.19
1000.00	2.03	249.43	999.82	6.28	-6.31	-13.77	0.33	15.14	245.39
1100.00	2.16	250.36	1099.75	7.53	-7.56	-17.20	0.13	18.79	246.27
1200.00	2.05	252.74	1199.69	8.68	-8.73	-20.68	0.14	22.45	247.12
1300.00	2.08	247.96	1299.62	9.89	-9.94	-24.07	0.17	26.04	247.57
1400.00	2.01	252.43	1399.56	11.09	-11.15	-27.43	0.17	29.61	247.88
1500.00	1.71	250.09	1499.50	12.12	-12.18	-30.50	0.31	32.84	248.22
1600.00	1.67	250.43	1599.46	13.11	-13.18	-33.28	0.04	35.79	248.39
1700.00	1.71	253.88	1699.42	14.01	-14.08	-36.08	0.11	38.73	248.68
1800.00	1.69	251.14	1799.37	14.89	-14.97	-38.91	0.08	41.69	248.95
1900.00	1.62	256.99	1899.33	15.68	-15.77	-41.68	0.18	44.57	249.28
2000.00	1.60	257.50	1999.29	16.30	-16.39	-44.42	0.02	47.35	249.75
2100.00	1.61	253.63	2099.25	16.99	-17.09	-47.14	0.11	50.14	250.07
2200.00	1.71	255.69	2199.21	17.75	-17.85	-49.93	0.12	53.02	250.33
2300.00	1.52	258.18	2299.17	18.38	-18.49	-52.67	0.20	55.83	250.65
2400.00	1.53	253.67	2399.14	19.02	-19.14	-55.25	0.12	58.47	250.89
2500.00	1.53	254.97	2499.10	19.74	-19.86	-57.82	0.03	61.14	251.04
2600.00	1.55	255.22	2599.06	20.43	-20.55	-60.42	0.02	63.82	251.21
2700.00	1.59	257.36	2699.03	21.07	-21.20	-63.08	0.07	66.55	251.42
2800.00	1.51	260.83	2798.99	21.58	-21.71	-65.74	0.12	69.23	251.72
2900.00	1.46	254.31	2898.96	22.13	-22.27	-68.26	0.18	71.80	251.93
3000.00	1.56	261.03	2998.92	22.68	-22.83	-70.83	0.20	74.42	252.14
3100.00	1.44	263.83	3098.89	23.02	-23.17	-73.43	0.14	77.00	252.48
3200.00	1.44	263.16	3198.86	23.30	-23.46	-75.92	0.02	79.47	252.83
3300.00	1.65	267.60	3298.82	23.50	-23.67	-78.61	0.24	82.10	253.24
3400.00	1.82	272.05	3398.77	23.50	-23.67	-81.64	0.22	85.00	253.83
3500.00	1.80	276.82	3498.72	23.25	-23.43	-84.78	0.15	87.96	254.55
3600.00	1.81	283.03	3598.67	22.70	-22.89	-87.88	0.20	90.81	255.40
3700.00	1.96	283.92	3698.62	21.93	-22.12	-91.08	0.15	93.73	256.35
3800.00	2.05	286.88	3798.56	20.99	-21.19	-94.45	0.14	96.80	257.36
3900.00	1.99	289.97	3898.50	19.87	-20.07	-97.79	0.12	99.83	258.40
4000.00	2.07	290.56	3998.43	18.64	-18.85	-101.12	0.08	102.86	259.44
4100.00	2.17	296.83	4098.37	17.14	-17.36	-104.50	0.25	105.93	260.57
4200.00	2.49	303.07	4198.28	15.09	-15.32	-108.01	0.41	109.09	261.93
4300.00	2.75	302.98	4298.18	12.59	-12.83	-111.84	0.26	112.57	263.46
4400.00	2.71	296.09	4398.07	10.24	-10.48	-115.98	0.33	116.45	264.84
4500.00	2.95	276.51	4497.95	8.90	-9.15	-120.66	0.99	121.00	265.66
4600.00	4.00	264.93	4597.76	8.90	-9.17	-126.69	1.26	127.02	265.86
4700.00	5.83	259.56	4697.39	10.11	-10.40	-135.16	1.88	135.56	265.60
4800.00	7.24	256.70	4796.74	12.46	-12.77	-146.28	1.45	146.84	265.01



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Wellpath: VH - Job #32K0206119

Date: 03/06/2006 Time: 18:57:42 Page: 2
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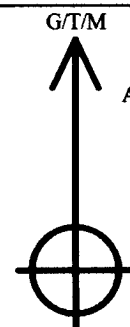
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ChD ft	ChA deg
4900.00	4.94	230.34	4896.19	16.64	-16.97	-155.73	3.56	156.65	263.78
5000.00	3.80	210.51	4995.90	22.23	-22.57	-160.73	1.88	162.31	262.01
5100.00	2.42	194.13	5095.75	27.13	-27.47	-162.93	1.63	165.23	260.43
5200.00	2.33	193.27	5195.67	31.15	-31.50	-163.91	0.10	166.91	259.12
5300.00	0.27	173.38	5295.63	33.37	-33.71	-164.35	2.08	167.77	258.41
5400.00	0.15	137.30	5395.63	33.70	-34.04	-164.23	0.17	167.72	258.29
5500.00	0.31	265.14	5495.63	33.81	-34.16	-164.42	0.42	167.93	258.26
5600.00	1.11	287.77	5595.62	33.54	-33.89	-165.61	0.83	169.04	258.44
5700.00	1.61	300.35	5695.60	32.53	-32.88	-167.74	0.58	170.93	258.91
5800.00	0.13	25.99	5795.58	31.72	-32.07	-168.90	1.61	171.92	259.25
5900.00	0.23	32.80	5895.58	31.44	-31.80	-168.75	0.10	171.72	259.33
6000.00	0.19	71.62	5995.58	31.22	-31.58	-168.48	0.14	171.41	259.38
6100.00	0.07	269.58	6095.58	31.17	-31.53	-168.38	0.26	171.31	259.40
6200.00	1.26	276.37	6195.57	31.05	-31.40	-169.54	1.19	172.42	259.51
6300.00	2.08	279.55	6295.53	30.62	-30.98	-172.42	0.82	175.18	259.81
6400.00	2.63	278.42	6395.45	29.97	-30.34	-176.48	0.55	179.07	260.24
6500.00	2.64	277.66	6495.34	29.32	-29.70	-181.03	0.04	183.45	260.68
6600.00	2.45	281.09	6595.24	28.59	-28.98	-185.41	0.24	187.66	261.12
6700.00	2.35	288.11	6695.15	27.54	-27.93	-189.46	0.31	191.51	261.61
6800.00	2.37	289.33	6795.07	26.21	-26.61	-193.36	0.05	195.18	262.16
6900.00	2.36	290.52	6894.98	24.79	-25.21	-197.24	0.05	198.84	262.72
7000.00	2.40	294.53	6994.90	23.19	-23.62	-201.07	0.17	202.45	263.30
7100.00	2.28	296.10	7094.81	21.44	-21.87	-204.76	0.14	205.93	263.90
7200.00	2.18	298.30	7194.74	19.66	-20.09	-208.22	0.13	209.19	264.49
7300.00	1.90	303.38	7294.67	17.84	-18.28	-211.28	0.33	212.07	265.05
7400.00	1.99	302.09	7394.62	16.00	-16.45	-214.14	0.10	214.77	265.61
7500.00	2.04	300.99	7494.56	14.15	-14.61	-217.13	0.06	217.62	266.15
7600.00	2.08	301.18	7594.49	12.29	-12.75	-220.21	0.04	220.58	266.69
7700.00	1.98	293.18	7694.43	10.66	-11.13	-223.35	0.30	223.63	267.15
7760.00	2.01	287.39	7754.39	9.94	-10.41	-225.31	0.34	225.55	267.35



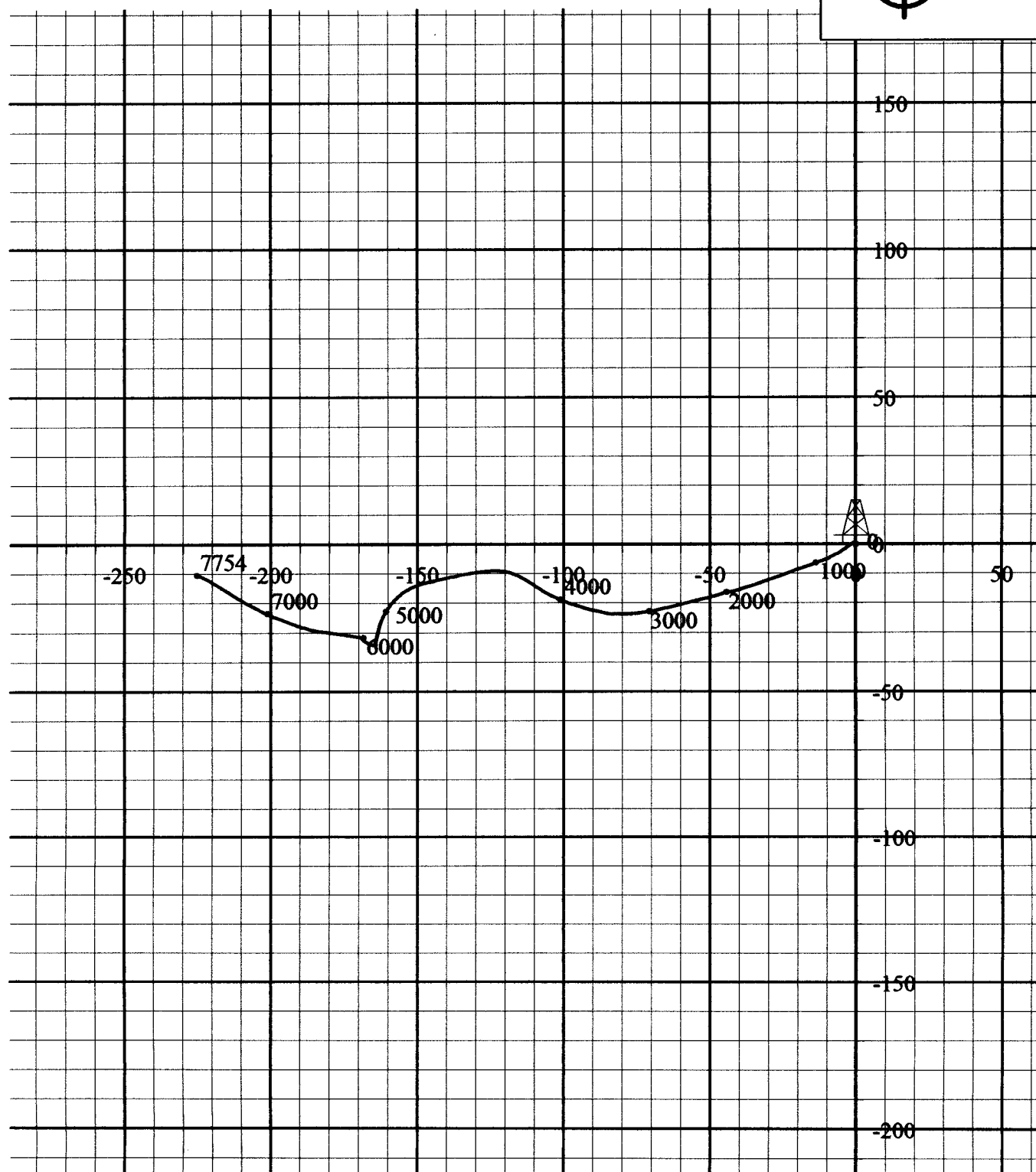
Scientific
Drilling

Field: Sand Tank
Site: Eddy County, NM
Well: Sand Tank Fed #2H
Wellpath: VH - Job #32K0206119
Survey: 02/11/06



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 03/06/2006
Model: igrf2000



South(-)/North(+) [50ft/in]

West(-)/East(+) [50ft/in]