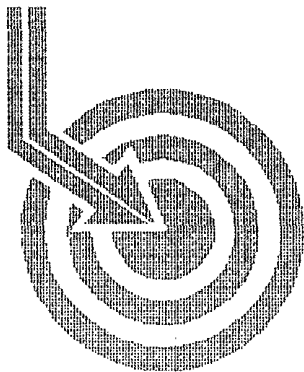




Scientific Drilling

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POGO

Field: Buck
Site: Eddy County, NM
Well: H Buck State #10
Wellpath: VH Job #32K0406278
Survey: 04/06/06

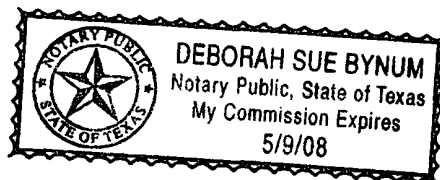
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Elwharton*.....Company Representative

Notorized this date 15th of May, 2006.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: POGO
Field: Buck
Site: Eddy County, NM
Well: H Buck State #10
Wellpath: VH - Job #32K0406278

Date: 05/14/2006 Time: 20:30:26 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,101.92Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 04/06/06
KSRG 0'-6710'
Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Gyro

Start Date: 04/06/2006
Engineer: Madrid w/P&M
Tied-to: From Surface

CONFIDENTIAL

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.47	352.23	100.00	-0.14	0.41	-0.06	0.47	0.41	352.23
200.00	0.85	357.30	199.99	-0.46	1.55	-0.15	0.38	1.56	354.64
300.00	0.80	2.58	299.98	-0.76	2.99	-0.15	0.09	3.00	357.14
400.00	0.99	6.67	399.97	-0.96	4.55	-0.02	0.20	4.55	359.78
500.00	0.80	6.51	499.96	-1.10	6.10	0.16	0.19	6.10	1.52
600.00	0.79	18.84	599.95	-1.08	7.45	0.46	0.17	7.46	3.56
700.00	0.71	10.02	699.94	-1.02	8.71	0.79	0.14	8.74	5.21
800.00	0.84	31.58	799.93	-0.80	9.94	1.29	0.32	10.03	7.37
900.00	0.55	22.06	899.92	-0.46	11.01	1.85	0.31	11.17	9.54
1000.00	0.25	5.63	999.92	-0.40	11.67	2.05	0.32	11.85	9.97
1100.00	0.27	340.84	1099.92	-0.55	12.11	2.00	0.11	12.28	9.36
1200.00	0.08	80.10	1199.92	-0.61	12.35	1.99	0.29	12.51	9.14
1300.00	0.23	216.68	1299.92	-0.63	12.20	1.94	0.29	12.35	9.02
1400.00	0.29	235.18	1399.92	-0.88	11.89	1.61	0.10	12.00	7.70
1500.00	0.09	184.53	1499.92	-1.05	11.67	1.39	0.24	11.75	6.81
1600.00	0.21	77.59	1599.92	-0.87	11.63	1.57	0.25	11.74	7.67
1700.00	0.37	354.51	1699.92	-0.80	11.99	1.72	0.40	12.11	8.14
1800.00	0.45	357.71	1799.91	-0.99	12.71	1.67	0.08	12.82	7.48
1900.00	0.37	13.78	1899.91	-1.08	13.41	1.73	0.14	13.52	7.35
2000.00	0.53	7.78	1999.91	-1.10	14.18	1.87	0.17	14.31	7.51
2100.00	0.45	13.44	2099.90	-1.12	15.02	2.02	0.09	15.16	7.67
2200.00	0.69	60.29	2199.90	-0.66	15.70	2.64	0.50	15.92	9.53
2300.00	0.80	78.58	2299.89	0.43	16.14	3.84	0.26	16.59	13.40
2400.00	0.88	89.74	2399.88	1.82	16.28	5.30	0.18	17.12	18.02
2500.00	1.13	111.65	2499.87	3.54	15.92	6.98	0.45	17.39	23.68
2600.00	1.18	120.91	2599.85	5.49	15.03	8.78	0.19	17.41	30.30
2700.00	1.17	119.68	2699.82	7.43	14.00	10.55	0.03	17.53	37.01
2800.00	0.80	114.53	2799.81	9.09	13.20	12.07	0.38	17.89	42.45
2900.00	0.91	117.15	2899.80	10.53	12.55	13.42	0.12	18.37	46.91
3000.00	0.85	108.77	2999.79	12.04	11.95	14.82	0.14	19.04	51.13
3100.00	0.72	107.62	3099.78	13.40	11.52	16.13	0.13	19.82	54.46
3200.00	0.78	104.25	3199.77	14.70	11.16	17.38	0.07	20.66	57.30
3300.00	0.84	113.47	3299.76	16.10	10.70	18.72	0.14	21.56	60.24
3400.00	0.74	111.83	3399.75	17.46	10.17	19.99	0.10	22.43	63.04
3500.00	0.65	115.04	3499.74	18.64	9.69	21.10	0.10	23.22	65.34
3600.00	0.79	119.37	3599.73	19.85	9.11	22.22	0.15	24.01	67.70
3700.00	0.73	124.36	3699.72	21.10	8.41	23.34	0.09	24.81	70.18
3800.00	0.70	126.34	3799.72	22.25	7.69	24.36	0.04	25.55	72.48
3900.00	0.72	122.84	3899.71	23.39	6.99	25.38	0.05	26.33	74.61
4000.00	0.74	135.49	3999.70	24.51	6.19	26.36	0.16	27.08	76.79
4100.00	0.70	134.30	4099.69	25.57	5.30	27.25	0.04	27.76	78.99
4200.00	0.67	137.52	4199.69	26.56	4.44	28.08	0.05	28.43	81.01
4300.00	0.74	134.16	4299.68	27.58	3.56	28.94	0.08	29.16	82.98
4400.00	0.73	129.70	4399.67	28.69	2.70	29.89	0.06	30.02	84.83
4500.00	0.74	134.49	4499.66	29.80	1.84	30.85	0.06	30.90	86.58
4600.00	0.66	135.66	4599.65	30.82	0.98	31.71	0.08	31.72	88.23
4700.00	0.70	124.67	4699.65	31.86	0.22	32.61	0.14	32.61	89.61
4800.00	0.59	136.13	4799.64	32.85	-0.50	33.47	0.17	33.48	90.85



Scientific Drilling International Survey Report

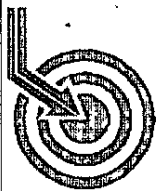
Company: POGO
Field: Buck
Site: Eddy County, NM
Well: H Buck State #10
Wellpath: VH - Job #32K0406278

Date: 05/14/2006 Time: 20:30:26 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,101.92Azi)
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
4900.00	0.64	132.12	4899.64	33.76	-1.24	34.24	0.07	34.27	92.08
5000.00	0.64	126.28	4999.63	34.75	-1.95	35.11	0.07	35.16	93.18
5100.00	0.72	131.02	5099.62	35.81	-2.69	36.03	0.10	36.13	94.27
5200.00	0.46	143.06	5199.62	36.66	-3.42	36.75	0.29	36.91	95.32
5300.00	0.48	181.61	5299.61	37.04	-4.16	36.98	0.31	37.21	96.42
5400.00	0.29	233.20	5399.61	36.95	-4.73	36.76	0.38	37.07	97.34
5500.00	0.28	225.10	5499.61	36.65	-5.06	36.39	0.04	36.74	97.91
5600.00	0.23	211.60	5599.61	36.45	-5.40	36.11	0.08	36.51	98.51
5700.00	0.24	244.40	5699.61	36.21	-5.66	35.81	0.13	36.26	98.99
5800.00	0.23	228.54	5799.61	35.93	-5.89	35.48	0.07	35.96	99.42
5900.00	0.20	214.12	5899.61	35.74	-6.16	35.23	0.06	35.76	99.92
6000.00	0.21	210.63	5999.61	35.62	-6.47	35.04	0.02	35.63	100.46
6100.00	0.24	250.64	6099.61	35.38	-6.69	34.74	0.16	35.38	100.90
6200.00	0.18	216.80	6199.61	35.13	-6.89	34.45	0.14	35.14	101.31
6300.00	0.31	293.68	6299.60	34.80	-6.91	34.11	0.32	34.80	101.44
6400.00	0.34	291.07	6399.60	34.24	-6.69	33.59	0.03	34.25	101.27
6500.00	0.39	274.33	6499.60	33.61	-6.56	32.97	0.12	33.62	101.25
6600.00	0.54	282.94	6599.60	32.81	-6.43	32.17	0.17	32.81	101.30
6700.00	0.72	253.92	6699.59	31.78	-6.50	31.11	0.36	31.78	101.79
6710.00	0.86	247.54	6709.59	31.66	-6.54	30.98	1.65	31.66	101.92

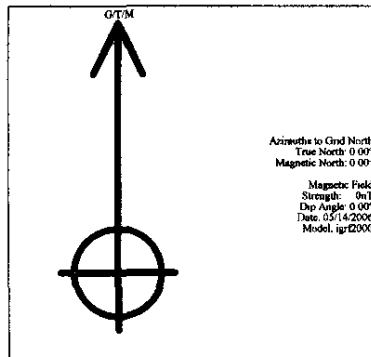
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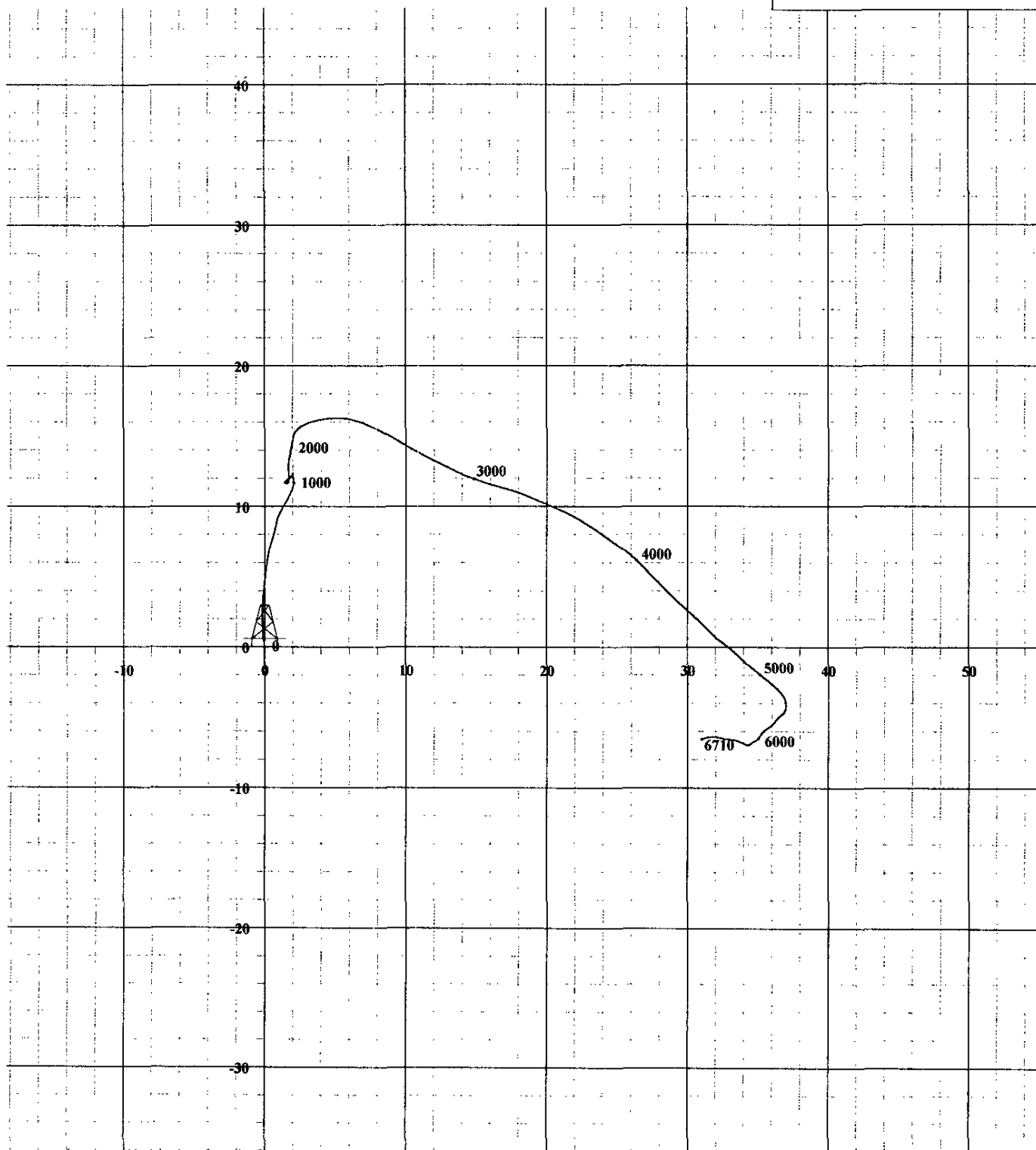
Scientific
Drilling

Field: Buck
Site: Eddy County, NM
Well: H Buck State #10
Wellpath: VH - Job #32K0406278
Survey: 04/06/06

CONFIDENTIAL



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



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