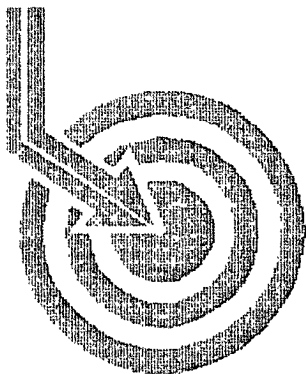




Scientific Drilling

MARBOB ENERGY

Field: Willow Lake
Site: Eddy County, NM
Well: Showstopper 7 Federal Com #1H
Wellpath: VH - Job #32K0709258
Survey: 07/14/09

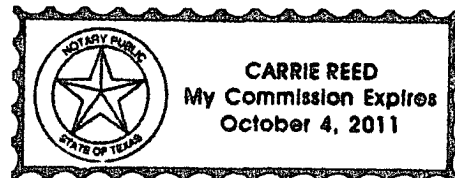
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Richardson..... Company Representative

Notorized this date 2nd of September, 2009.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: MARBOB ENERGY	Date: 09/01/2009	Time: 16:05:32	Page: 1
Field: Willow Lake	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Showstopper 7 Federal Com #1H	Section (VS) Reference:	Well (0.00N,0.00E,292.02Azi)	
Wellpath: VH - Job #32K0709258	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 07/14/09 KSRG 0'-6118'	Start Date: 07/14/2009
Company: Scientific Drilling Internatio	Engineer: Melendez w/Gray
Tool: Keeper, Keeper Gyro	Tied-to: From Surface

Site: Eddy County, NM

Site Position:	Northing:	ft	Latitude:
From: Local Only	Easting:	ft	Longitude:
Position Uncertainty: 0.00 ft			North Reference: Grid
Ground Level: 0.00 ft			Grid Convergence: deg

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	359.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.09	223.28	100.00	0.03	-0.06	-0.05	0.09	0.08	223.28
200.00	0.21	168.24	200.00	-0.04	-0.29	-0.07	0.17	0.30	193.46
300.00	0.22	230.49	300.00	-0.06	-0.60	-0.18	0.22	0.62	196.92
400.00	0.32	226.58	400.00	0.15	-0.91	-0.53	0.10	1.05	210.33
500.00	0.43	236.61	500.00	0.48	-1.31	-1.05	0.13	1.68	218.71
600.00	0.64	264.02	599.99	1.19	-1.57	-1.92	0.33	2.48	230.64
700.00	0.76	297.18	699.98	2.34	-1.33	-3.06	0.42	3.34	246.56
800.00	1.01	313.04	799.97	3.82	-0.42	-4.30	0.35	4.32	264.37
900.00	0.73	328.78	899.96	5.16	0.72	-5.27	0.37	5.32	277.81
1000.00	0.32	65.60	999.96	5.48	1.38	-5.35	0.83	5.52	284.50
1100.00	0.37	134.41	1099.96	4.98	1.27	-4.86	0.39	5.03	284.67
1200.00	0.48	125.14	1199.95	4.28	0.81	-4.29	0.13	4.36	280.64
1300.00	0.46	112.36	1299.95	3.47	0.41	-3.57	0.11	3.60	276.57
1400.00	0.60	98.20	1399.95	2.56	0.18	-2.69	0.19	2.69	273.93
1500.00	0.77	69.06	1499.94	1.56	0.35	-1.54	0.38	1.58	282.80
1600.00	0.89	62.38	1599.93	0.56	0.95	-0.22	0.15	0.98	346.74
1700.00	0.76	53.37	1699.92	-0.28	1.71	1.00	0.18	1.98	30.29
1800.00	0.97	61.22	1799.91	-1.16	2.51	2.27	0.24	3.38	42.15
1900.00	1.21	60.31	1899.89	-2.35	3.44	3.93	0.24	5.22	48.81
2000.00	1.72	61.27	1999.86	-3.96	4.68	6.16	0.51	7.74	52.77
2100.00	2.23	66.63	2099.80	-6.27	6.18	9.26	0.54	11.14	56.31
2200.00	2.23	67.09	2199.72	-9.02	7.71	12.84	0.02	14.98	59.04
2300.00	2.39	69.01	2299.64	-11.92	9.21	16.58	0.18	18.97	60.95
2400.00	2.88	78.83	2399.53	-15.55	10.44	20.99	0.66	23.45	63.55
2500.00	3.12	88.16	2499.40	-20.14	11.02	26.18	0.54	28.40	67.17
2600.00	2.48	85.14	2599.28	-24.56	11.29	31.05	0.66	33.04	70.02
2700.00	2.45	85.00	2699.18	-28.39	11.66	35.34	0.03	37.21	71.74
2800.00	2.02	94.35	2799.11	-31.97	11.71	39.23	0.56	40.94	73.38
2900.00	2.05	93.65	2899.05	-35.35	11.46	42.77	0.04	44.28	75.00
3000.00	2.15	91.52	2998.98	-38.80	11.30	46.43	0.13	47.78	76.32
3100.00	1.86	96.13	3098.92	-42.12	11.08	49.92	0.33	51.13	77.49
3200.00	1.88	98.02	3198.86	-45.27	10.67	53.15	0.06	54.22	78.64
3300.00	1.48	100.91	3298.82	-48.13	10.20	56.05	0.41	56.97	79.68
3400.00	1.47	105.65	3398.79	-50.68	9.61	58.55	0.12	59.33	80.68
3500.00	1.48	106.59	3498.75	-53.24	8.90	61.02	0.03	61.67	81.71
3600.00	1.18	112.75	3598.73	-55.55	8.13	63.21	0.33	63.73	82.67
3700.00	0.89	120.79	3698.71	-57.35	7.33	64.83	0.32	65.24	83.55
3800.00	0.90	119.46	3798.70	-58.89	6.55	66.18	0.02	66.50	84.35
3900.00	0.63	117.95	3898.69	-60.22	5.91	67.35	0.27	67.61	84.99
4000.00	0.74	119.91	3998.68	-61.41	5.33	68.39	0.11	68.60	85.55
4100.00	0.73	116.93	4098.67	-62.68	4.72	69.52	0.04	69.68	86.12



Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: Willow Lake
Site: Eddy County, NM
Well: Showstopper 7 Federal Com #1H
Wellpath: VH - Job #32K0709258

Date: 09/01/2009 Time: 16:05:32 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,292.02Azi)
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
4200.00	0.64	129.60	4198.67	-63.85	4.07	70.52	0.18	70.64	86.70
4300.00	0.41	146.81	4298.66	-64.67	3.42	71.14	0.28	71.23	87.25
4400.00	0.49	147.50	4398.66	-65.32	2.76	71.57	0.08	71.62	87.80
4500.00	0.55	144.10	4498.66	-66.07	2.01	72.08	0.07	72.11	88.41
4600.00	0.58	149.79	4598.65	-66.88	1.18	72.62	0.06	72.63	89.07
4700.00	0.62	152.37	4698.65	-67.69	0.26	73.12	0.05	73.12	89.79
4800.00	0.63	146.85	4798.64	-68.55	-0.68	73.67	0.06	73.68	90.53
4900.00	0.65	145.81	4898.63	-69.48	-1.61	74.29	0.02	74.31	91.24
5000.00	0.65	144.63	4998.63	-70.43	-2.54	74.94	0.01	74.98	91.94
5100.00	0.60	146.25	5098.62	-71.34	-3.44	75.56	0.05	75.64	92.60
5200.00	0.76	155.70	5198.61	-72.25	-4.48	76.12	0.19	76.26	93.36
5300.00	0.79	158.66	5298.61	-73.20	-5.72	76.65	0.05	76.86	94.27
5400.00	0.84	156.89	5398.60	-74.19	-7.04	77.19	0.06	77.51	95.21
5500.00	0.88	156.98	5498.58	-75.26	-8.42	77.77	0.04	78.23	96.18
5600.00	0.88	168.45	5598.57	-76.23	-9.88	78.23	0.18	78.85	97.20
5700.00	0.88	162.35	5698.56	-77.14	-11.36	78.61	0.09	79.43	98.22
5800.00	0.94	164.25	5798.55	-78.13	-12.88	79.07	0.07	80.11	99.25
5900.00	0.38	239.61	5898.54	-78.43	-13.84	79.01	0.92	80.21	99.94
6000.00	1.14	171.24	5998.53	-78.74	-14.99	78.87	1.06	80.28	100.76
6100.00	1.14	168.81	6098.51	-79.79	-16.95	79.22	0.05	81.01	102.08
6118.00	1.31	168.41	6116.51	-80.01	-17.33	79.29	0.95	81.16	102.33



Scientific
Drilling

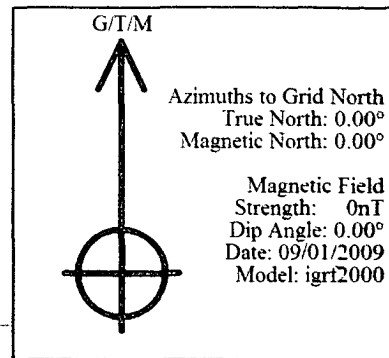
Field: Willow Lake

State: Eddy County, NM

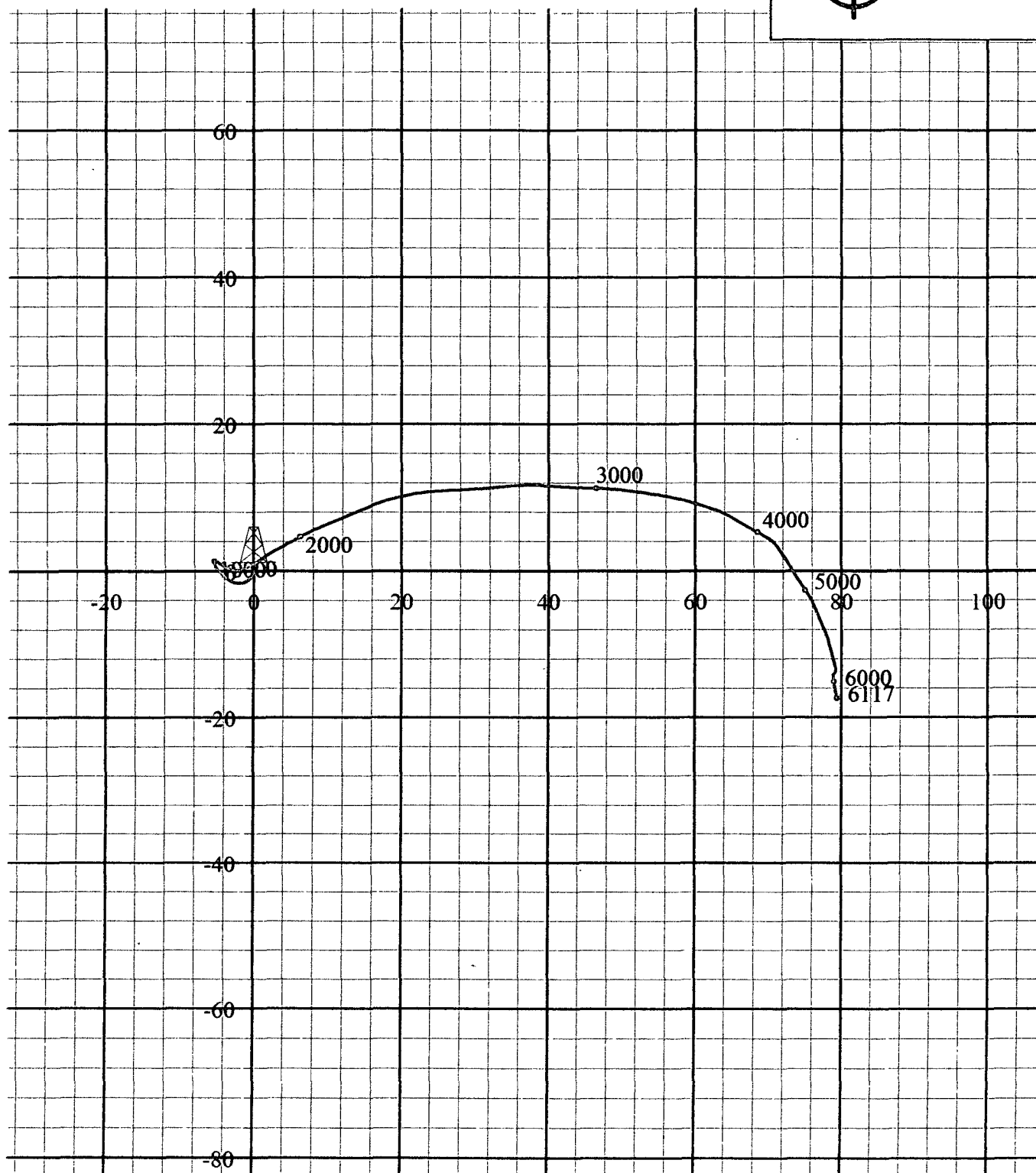
Well: Showstopper 7 Federal Com #1H

Wellpath: VH - Job #32K0709258

Survey: 07/14/09



South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]