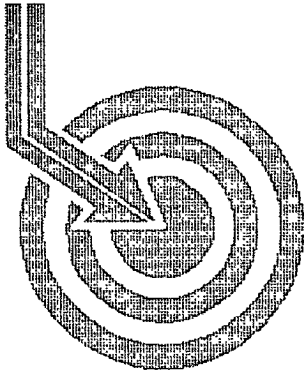




Scientific Drilling

MARBOB ENERGY

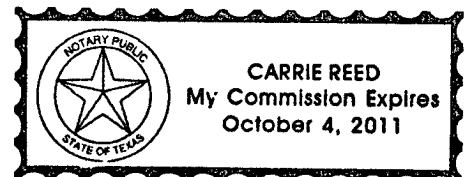
Field: WC Williams Sink (Bone Spring)
Site: Eddy County, NM
Well: Wildcap State #4H
Wellpath: VH - Job #32K0609221
Survey: 06/19/09

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

.....Richard.....Company Representative

Notorized this date 21st of July, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas



MR



Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: WC Williams Sink (Bone Spring)
Site: Eddy County, NM
Well: Wildcap State #4H
Wellpath: VH - Job #32K0609221

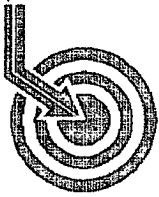
Date: 07/02/2009
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,179.62Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey: 06/19/09
Company: KSRC 0'-4500'
Tool: Scientific Drilling Internatio
 Keeper;Keeper Gyro

Start Date: 06/19/2009
Engineer: Garza/Williams
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.37	51.24	100.00	-0.20	0.20	0.25	0.37	0.32	51.24
200.00	0.33	32.45	200.00	-0.64	0.65	0.66	0.12	0.92	45.47
300.00	0.16	348.36	300.00	-1.02	1.03	0.78	0.24	1.29	37.37
400.00	0.37	10.62	400.00	-1.48	1.48	0.82	0.23	1.69	28.84
500.00	0.53	1.93	499.99	-2.25	2.26	0.89	0.17	2.43	21.51
600.00	0.78	345.43	599.99	-3.38	3.38	0.74	0.31	3.46	12.26
700.00	0.88	334.63	699.98	-4.73	4.73	0.23	0.19	4.74	2.84
800.00	0.96	339.49	799.96	-6.22	6.21	-0.39	0.11	6.22	356.43
900.00	0.90	349.89	899.95	-7.78	7.77	-0.82	0.18	7.81	353.98
1000.00	0.91	12.12	999.94	-9.33	9.32	-0.79	0.35	9.35	355.15
1100.00	0.93	13.25	1099.92	-10.89	10.89	-0.44	0.03	10.90	357.70
1200.00	0.90	13.81	1199.91	-12.44	12.44	-0.06	0.03	12.44	359.71
1300.00	0.89	12.26	1299.90	-13.96	13.96	0.29	0.03	13.96	1.18
1400.00	0.70	10.13	1399.89	-15.32	15.32	0.56	0.19	15.33	2.10
1500.00	0.90	9.04	1499.88	-16.69	16.70	0.79	0.20	16.72	2.71
1600.00	1.10	7.66	1599.86	-18.42	18.42	1.04	0.20	18.45	3.24
1700.00	1.25	15.29	1699.84	-20.42	20.43	1.46	0.22	20.48	4.08
1800.00	1.74	19.78	1799.81	-22.89	22.91	2.26	0.50	23.02	5.63
1900.00	2.05	24.85	1899.75	-25.94	25.96	3.53	0.35	26.20	7.73
2000.00	2.09	23.67	1999.69	-29.22	29.25	5.01	0.06	29.68	9.72
2100.00	2.71	26.87	2099.60	-32.99	33.03	6.81	0.63	33.73	11.65
2200.00	1.97	31.77	2199.52	-36.54	36.60	8.78	0.77	37.64	13.49
2300.00	2.12	41.42	2299.45	-39.38	39.45	10.91	0.38	40.93	15.46
2400.00	2.12	38.25	2399.39	-42.20	42.29	13.28	0.12	44.33	17.43
2500.00	1.78	31.89	2499.33	-44.96	45.06	15.25	0.40	47.57	18.69
2600.00	1.44	24.79	2599.29	-47.41	47.52	16.59	0.39	50.34	19.25
2700.00	1.19	13.07	2699.26	-49.56	49.67	17.36	0.37	52.62	19.26
2800.00	0.98	6.15	2799.24	-51.42	51.54	17.68	0.25	54.48	18.94
2900.00	0.94	2.99	2899.23	-53.09	53.20	17.82	0.07	56.11	18.51
3000.00	0.92	351.51	2999.22	-54.70	54.82	17.74	0.19	57.62	17.93
3100.00	0.89	345.61	3099.20	-56.25	56.36	17.43	0.10	59.00	17.18
3200.00	1.09	352.64	3199.19	-57.94	58.06	17.11	0.23	60.53	16.42
3300.00	1.37	346.89	3299.17	-60.06	60.17	16.72	0.31	62.45	15.53
3400.00	1.87	345.49	3399.13	-62.80	62.91	16.04	0.50	64.92	14.30
3500.00	2.06	346.81	3499.07	-66.14	66.24	15.22	0.20	67.97	12.94
3600.00	2.22	346.95	3599.00	-69.78	69.88	14.37	0.16	71.34	11.62
3700.00	2.68	343.01	3698.91	-73.91	74.00	13.25	0.49	75.18	10.15
3800.00	3.04	341.94	3798.78	-78.68	78.76	11.75	0.36	79.63	8.48
3900.00	2.92	347.76	3898.65	-83.70	83.77	10.39	0.33	84.41	7.07
4000.00	2.81	349.10	3998.52	-88.60	88.66	9.38	0.13	89.16	6.04
4100.00	2.79	351.13	4098.40	-93.42	93.47	8.54	0.10	93.86	5.22
4200.00	2.73	347.35	4198.29	-98.15	98.20	7.65	0.19	98.50	4.45
4300.00	2.72	350.39	4298.17	-102.82	102.87	6.73	0.14	103.09	3.74
4400.00	2.81	347.49	4398.06	-107.56	107.60	5.80	0.17	107.76	3.09
4500.00	2.62	350.56	4497.94	-112.21	112.25	4.90	0.24	112.35	2.50



**Scientific
Drilling**

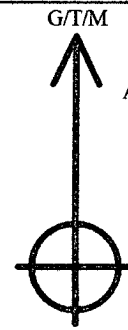
Field: WC Williams Sink (Bone Spring)

Site: Eddy County, NM

Well: Wildcap State #4H

Wellpath: VH - Job #32K0609221

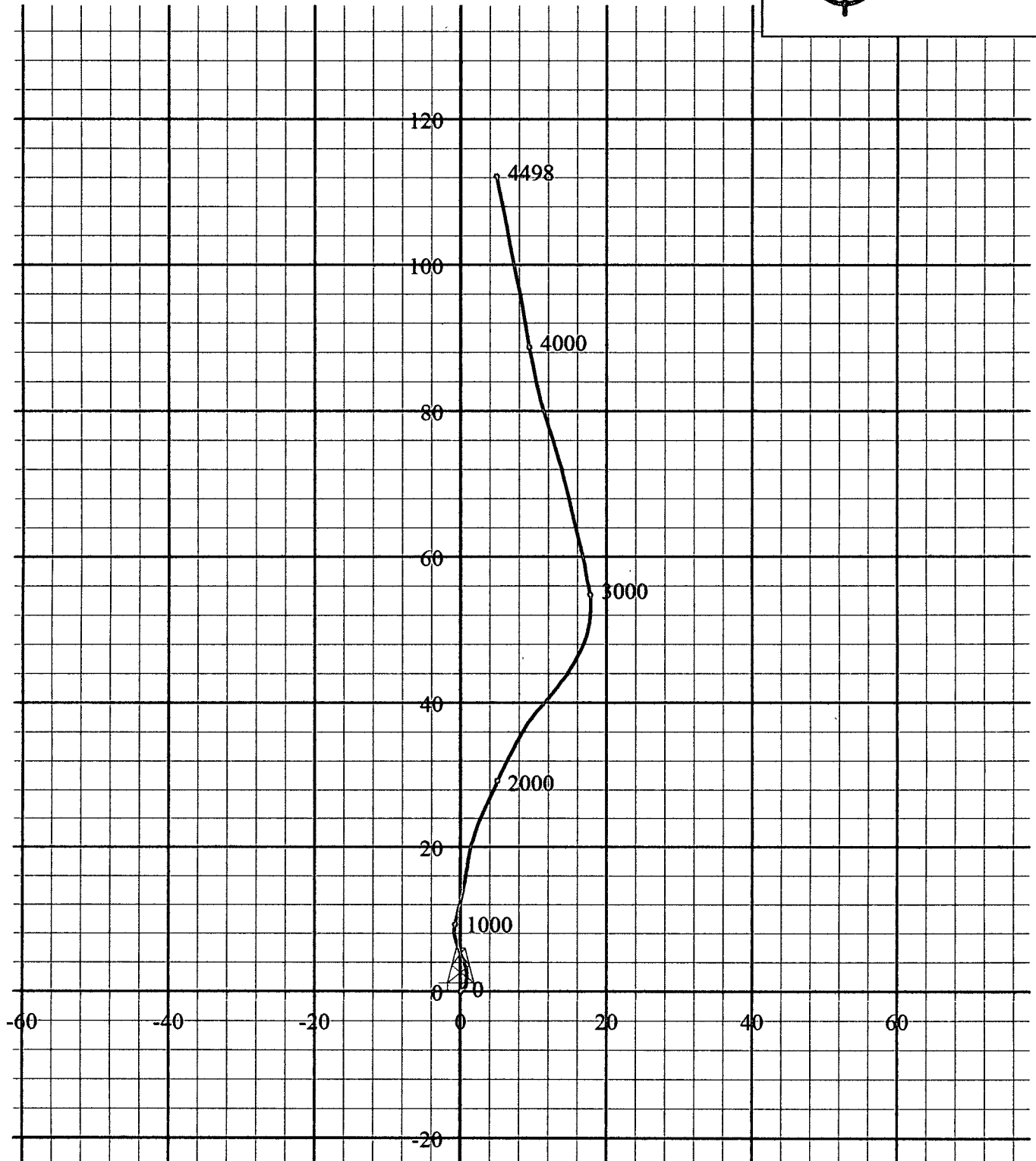
Survey: 06/19/09



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 07/02/2009
Model: igrf2000

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



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