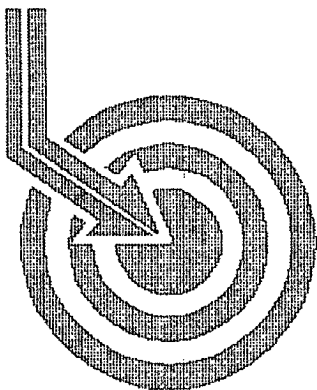




Scientific Drilling

MARBOB ENERGY

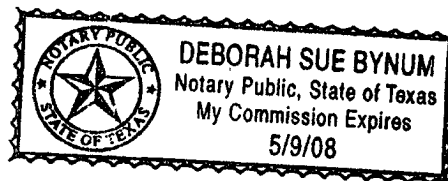
Field: Carlsbad
Site: Eddy County, NM
Well: Whiskey Girl Fee #1
Wellpath: VH - Job #32K0406333
Survey: 04/15/06

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

.....*Deborah S. Bynum*.....Company Representative

Notorized this date 2nd of June, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: Carlsbad
Site: Eddy County, NM
Well: Whiskey Girl Fee #1
Wellpath: VH - Job #32K0406333

Date: 06/01/2006 Time: 20:00:17 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,33.31Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 04/15/06 Start Date: 04/15/2006
KSRG 0'-6715'
Company: Scientific Drilling Internatio Engineer: Carter/Rehders
Tool: Keeper;Keeper 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
0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.69	89.44	100.00	0.34	0.01	0.60	0.69	0.60	89.44
200.00	0.62	75.06	199.99	1.08	0.15	1.73	0.18	1.73	84.99
300.00	0.99	44.59	299.98	2.32	0.90	2.86	0.55	3.00	72.42
400.00	1.13	33.29	399.96	4.15	2.34	4.00	0.25	4.64	59.66
500.00	1.05	28.87	499.95	6.05	3.97	4.98	0.11	6.37	51.48
600.00	0.73	21.19	599.93	7.59	5.37	5.66	0.34	7.80	46.52
700.00	0.34	9.41	699.93	8.49	6.26	5.94	0.40	8.62	43.50
800.00	0.22	33.90	799.93	8.95	6.71	6.09	0.17	9.06	42.24
900.00	0.20	97.16	899.93	9.22	6.85	6.37	0.22	9.35	42.94
1000.00	0.47	133.22	999.93	9.23	6.55	6.84	0.33	9.47	46.25
1100.00	0.76	155.66	1099.92	8.80	5.67	7.41	0.37	9.33	52.60
1200.00	0.91	165.11	1199.91	7.92	4.30	7.89	0.20	8.98	61.42
1300.00	1.00	162.71	1299.90	6.84	2.70	8.35	0.10	8.77	72.09
1400.00	1.06	162.83	1399.88	5.70	0.98	8.88	0.06	8.94	83.69
1500.00	1.00	163.72	1499.86	4.54	-0.74	9.40	0.06	9.43	94.50
1600.00	0.85	167.78	1599.85	3.46	-2.30	9.80	0.16	10.07	103.23
1700.00	0.87	166.54	1699.84	2.42	-3.77	10.13	0.03	10.81	110.39
1800.00	0.93	174.74	1799.83	1.26	-5.31	10.39	0.14	11.67	117.10
1900.00	0.66	174.52	1899.82	0.18	-6.70	10.52	0.27	12.47	122.49
2000.00	0.81	176.08	1999.81	-0.84	-7.98	10.62	0.15	13.28	126.92
2100.00	0.90	177.27	2099.80	-2.03	-9.47	10.70	0.09	14.29	131.49
2200.00	0.84	176.75	2199.79	-3.26	-10.98	10.78	0.06	15.39	135.52
2300.00	0.48	170.82	2299.78	-4.15	-12.13	10.89	0.36	16.30	138.08
2400.00	0.35	137.79	2399.78	-4.54	-12.77	11.17	0.27	16.96	138.84
2500.00	0.55	69.29	2499.77	-4.23	-12.83	11.82	0.53	17.44	137.35
2600.00	0.60	65.38	2599.77	-3.40	-12.44	12.74	0.06	17.81	134.32
2700.00	0.78	53.51	2699.76	-2.32	-11.82	13.76	0.23	18.14	130.66
2800.00	0.84	49.18	2799.75	-0.98	-10.94	14.86	0.09	18.45	126.35
2900.00	0.82	45.56	2899.74	0.42	-9.96	15.93	0.06	18.78	122.01
3000.00	0.70	43.65	2999.73	1.73	-9.01	16.86	0.12	19.12	118.13
3100.00	0.75	44.83	3099.73	2.97	-8.11	17.74	0.05	19.51	114.56
3200.00	0.67	35.16	3199.72	4.20	-7.16	18.54	0.14	19.88	111.13
3300.00	0.85	45.84	3299.71	5.50	-6.17	19.41	0.23	20.37	107.63
3400.00	0.72	48.91	3399.70	6.83	-5.24	20.42	0.13	21.08	104.40
3500.00	0.72	49.55	3499.69	8.04	-4.42	21.37	0.01	21.82	101.69
3600.00	0.86	46.44	3599.68	9.37	-3.50	22.39	0.14	22.66	98.87
3700.00	1.37	42.21	3699.66	11.29	-2.09	23.74	0.52	23.83	95.04
3800.00	1.48	40.95	3799.63	13.75	-0.23	25.39	0.11	25.39	90.52
3900.00	1.59	38.79	3899.60	16.41	1.83	27.10	0.12	27.16	86.15
4000.00	1.79	35.86	3999.55	19.35	4.17	28.89	0.22	29.19	81.78
4100.00	1.44	33.02	4099.51	22.17	6.49	30.49	0.35	31.17	77.98
4200.00	1.49	33.01	4199.48	24.73	8.64	31.88	0.04	33.03	74.84
4300.00	1.48	30.11	4299.45	27.32	10.85	33.24	0.08	34.96	71.92
4400.00	1.55	36.42	4399.41	29.96	13.05	34.69	0.18	37.06	69.38
4500.00	1.47	34.55	4499.38	32.59	15.20	36.22	0.09	39.28	67.24
4600.00	1.27	29.39	4599.35	34.98	17.22	37.49	0.24	41.26	65.33
4700.00	1.26	43.00	4699.32	37.17	18.99	38.79	0.30	43.19	63.91
4800.00	1.34	38.32	4799.30	39.42	20.71	40.26	0.13	45.28	62.78



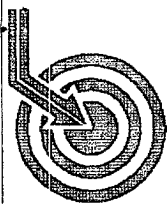
Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: Carlsbad
Site: Eddy County, NM
Well: Whiskey Girl Fee #1
Wellpath: VH - Job #32K0406333

Date: 06/01/2006 Time: 20:00:17 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,33.31Azi)
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	1.32	40.53	4899.27	41.73	22.51	41.73	0.05	47.42	61.66
5000.00	1.23	57.91	4999.25	43.85	23.95	43.39	0.40	49.56	61.10
5100.00	1.21	61.88	5099.22	45.75	25.02	45.23	0.09	51.69	61.05
5200.00	1.22	67.83	5199.20	47.55	25.92	47.15	0.13	53.80	61.20
5300.00	1.05	103.96	5299.18	48.74	26.10	49.02	0.72	55.54	61.97
5400.00	1.26	87.34	5399.16	49.68	25.93	51.01	0.39	57.22	63.05
5500.00	1.31	83.27	5499.14	51.06	26.12	53.24	0.10	59.30	63.87
5600.00	1.33	54.35	5599.11	52.88	26.92	55.32	0.66	61.52	64.05
5700.00	1.82	55.54	5699.07	55.43	28.50	57.57	0.49	64.23	63.66
5800.00	1.74	54.65	5799.03	58.31	30.27	60.11	0.08	67.31	63.27
5900.00	1.47	31.99	5898.99	61.01	32.24	62.03	0.68	69.91	62.54
6000.00	1.49	34.24	5998.95	63.59	34.40	63.44	0.06	72.17	61.53
6100.00	2.33	32.79	6098.90	66.93	37.19	65.28	0.85	75.13	60.33
6200.00	2.32	25.44	6198.82	70.97	40.73	67.25	0.30	78.62	58.80
6300.00	1.91	16.27	6298.75	74.57	44.16	68.59	0.53	81.57	57.23
6400.00	1.56	14.85	6398.70	77.46	47.08	69.40	0.35	83.87	55.85
6500.00	1.79	8.04	6498.66	80.16	49.94	69.97	0.30	85.97	54.48
6600.00	1.89	355.11	6598.61	82.87	53.13	70.05	0.43	87.92	52.82
6700.00	1.48	5.52	6698.56	85.31	56.06	70.03	0.51	89.71	51.32
6715.00	1.33	2.37	6713.56	85.63	56.43	70.06	1.14	89.96	51.15



Scientific
Drilling

Field: Carlsbad
Site: Eddy County, NM
Well: Whiskey Girl Fee #1
Wellpath: VH - Job #32K0406333
Survey: 04/15/06

