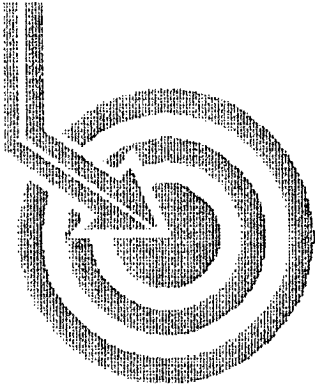




Scientific Drilling

MARBOB ENERGY

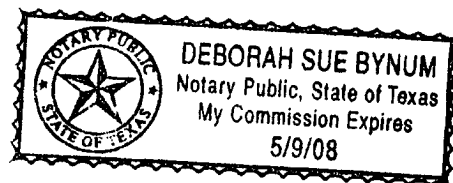
Field: Carlsbad
Site: Eddy County, NM
Well: Whiskey Girl Fee #1
Wellpath: VH - Job #32K0406333
Survey: 04/15/06

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

.....*Deborah Sue Bynum*.....Company Representative

Notorized this date 2nd of June, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

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
KSRG 0'-6715'

Start Date: 04/15/2006

Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Gyro

Engineer: Carter/Rehders
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



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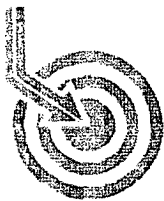
Survey Report

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

