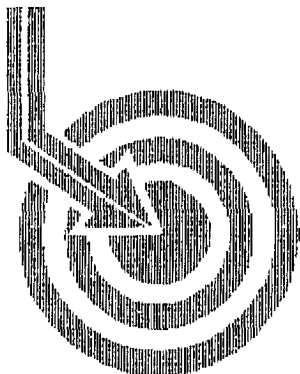


30.015.374/24



Scientific Drilling

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MARBOB ENERGY

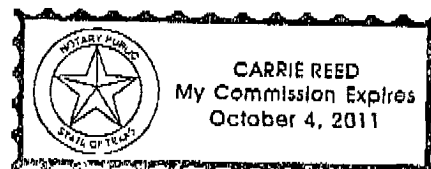
Field: WC Bonespring
Site: Eddy County, NM
Well: SRO State Unit Com #4H
Survey: 01/28/10

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

El Paso

Notorized this date 10/17 of February, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas



Scientific
Drilling

Scientific Drilling International, Inc.

Survey Report

Company: MARBOB ENERGY	Date: 1/31/2010	Time: 19:35:35	Page: 1
Field: WC Bonespring	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: SRO State Unit Com #4H	Section (VS) Reference:	Well (0.00N,0.00E,270.26Azi)	
Wellpath: VH - Job #32K0110067	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 01/28/10	Start Date: 1/28/2010
Company: Scientific Drilling International	Engineer: Guebara w/Gray
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
0.0	0.00	359.87	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.50	27.82	100.0	-0.2	0.4	0.2	0.50	0.4	27.82
200.0	1.13	56.01	200.0	-1.2	1.3	1.2	0.73	1.8	42.79
300.0	1.74	58.50	300.0	-3.3	2.7	3.3	0.61	4.3	51.36
400.0	2.08	59.43	399.9	-6.2	4.4	6.2	0.34	7.6	54.71
500.0	2.16	59.98	499.8	-9.4	6.2	9.4	0.08	11.3	56.35
600.0	1.87	63.94	599.8	-12.4	7.9	12.5	0.32	14.8	57.65
700.0	2.10	68.91	699.7	-15.6	9.3	15.7	0.29	18.2	59.34
800.0	2.01	70.36	799.6	-19.0	10.5	19.0	0.10	21.7	61.02
900.0	1.66	69.47	899.6	-22.0	11.6	22.0	0.35	24.9	62.17
1000.0	1.41	92.82	999.6	-24.6	12.1	24.6	0.67	27.4	63.86
1100.0	1.29	99.61	1099.5	-26.9	11.8	27.0	0.20	29.4	66.30
1200.0	0.86	105.95	1199.5	-28.7	11.4	28.8	0.45	31.0	68.33
1300.0	0.48	49.64	1299.5	-29.8	11.5	29.8	0.72	32.0	68.91
1400.0	1.31	63.13	1399.5	-31.1	12.3	31.2	0.85	33.5	68.48
1500.0	1.38	78.34	1499.5	-33.3	13.0	33.4	0.36	35.8	68.64
1600.0	1.74	79.72	1599.4	-36.0	13.6	36.0	0.36	38.5	69.37
1700.0	2.17	76.61	1699.4	-39.3	14.3	39.4	0.44	41.9	70.07
1800.0	2.56	73.97	1799.3	-43.3	15.3	43.4	0.40	46.0	70.53
1900.0	2.63	74.14	1899.2	-47.6	16.6	47.7	0.07	50.5	70.85
2000.0	3.22	64.02	1999.1	-52.4	18.4	52.4	0.78	55.6	70.64
2100.0	3.78	57.20	2098.9	-57.6	21.4	57.7	0.70	61.6	69.63
2200.0	3.71	64.43	2198.7	-63.3	24.6	63.4	0.48	68.0	68.78
2300.0	3.32	68.61	2298.5	-68.9	27.1	69.0	0.47	74.2	68.59
2400.0	2.66	64.36	2398.3	-73.7	29.1	73.8	0.70	79.4	68.46
2500.0	1.83	66.92	2498.3	-77.3	30.8	77.4	0.84	83.3	68.32
2600.0	1.64	66.60	2598.2	-80.0	32.0	80.2	0.19	86.3	68.26
2700.0	1.51	64.28	2698.2	-82.5	33.1	82.7	0.14	89.1	68.18
2800.0	1.31	64.68	2798.1	-84.7	34.2	84.9	0.20	91.5	68.08
2900.0	1.24	69.80	2898.1	-86.8	35.0	86.9	0.13	93.7	68.06
3000.0	1.14	75.38	2998.1	-88.8	35.7	88.9	0.15	95.8	68.15
3100.0	1.03	68.98	3098.1	-90.6	36.2	90.7	0.16	97.7	68.23
3200.0	0.91	75.77	3198.1	-92.2	36.7	92.3	0.17	99.4	68.30
3300.0	0.62	70.63	3298.1	-93.4	37.1	93.6	0.30	100.7	68.37
3400.0	0.20	64.49	3398.0	-94.1	37.4	94.3	0.42	101.4	68.38
3500.0	0.29	60.47	3498.0	-94.5	37.6	94.7	0.09	101.8	68.35
3600.0	0.32	67.84	3598.0	-95.0	37.8	95.1	0.05	102.4	68.33
3700.0	0.34	64.53	3698.0	-95.5	38.0	95.7	0.03	102.9	68.32
3800.0	0.35	72.42	3798.0	-96.1	38.3	96.2	0.05	103.6	68.32
3900.0	0.31	71.61	3898.0	-96.6	38.4	96.8	0.04	104.1	68.34
4000.0	0.13	192.97	3998.0	-96.8	38.4	97.0	0.39	104.3	68.40
4100.0	0.19	169.25	4098.0	-96.8	38.1	97.0	0.09	104.2	68.54
4200.0	0.25	254.27	4198.0	-96.7	37.9	96.8	0.30	104.0	68.62
4300.0	0.15	247.43	4298.0	-96.3	37.8	96.5	0.10	103.6	68.61
4400.0	0.21	192.93	4398.0	-96.2	37.6	96.3	0.17	103.4	68.69
4500.0	0.45	172.15	4498.0	-96.2	37.0	96.4	0.26	103.2	68.99
4600.0	0.74	171.80	4598.0	-96.3	36.0	96.5	0.29	103.0	69.55
4700.0	0.87	184.06	4698.0	-96.4	34.6	96.5	0.22	102.5	70.29
4800.0	0.92	199.36	4798.0	-96.1	33.1	96.2	0.24	101.7	71.03

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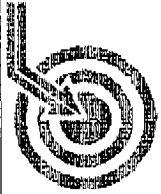
Scientific Drilling International, Inc.

Survey Report

Company: MARBOB ENERGY	Date: 1/31/2010	Time: 19:35:35	Page: 2
Field: WC Bonespring	Co-ordinate(Nit) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: SRO State Unit Com #4H	Section (VS) Reference:	Well (0.00N,0.00E,270.26Azi)	
Wellpath: VH - Job #32K0110067	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

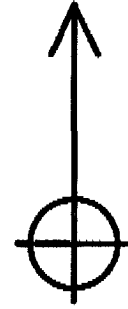
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.97	200.75	4898.0	-95.5	31.5	95.6	0.06	100.7	71.76
5000.0	0.95	200.79	4998.0	-94.9	30.0	95.1	0.02	99.7	72.51
5100.0	0.90	223.10	5098.0	-94.1	28.6	94.2	0.36	98.5	73.11
5200.0	0.66	215.26	5198.0	-93.2	27.6	93.4	0.26	97.3	73.55
5300.0	0.63	206.90	5298.0	-92.7	26.6	92.8	0.10	96.5	74.00
5400.0	0.78	215.44	5397.9	-92.0	25.6	92.1	0.18	95.6	74.50
5500.0	1.22	214.75	5497.9	-91.0	24.1	91.1	0.44	94.3	75.17
5600.0	1.04	216.70	5597.9	-89.9	22.5	90.0	0.18	92.8	75.95
5700.0	1.33	220.80	5697.9	-88.6	20.9	88.7	0.30	91.1	76.73
5800.0	1.38	214.93	5797.9	-87.1	19.1	87.2	0.15	89.3	77.68
5900.0	1.45	215.52	5897.8	-85.7	17.0	85.8	0.07	87.5	78.77
6000.0	1.53	206.06	5997.8	-84.4	14.8	84.5	0.26	85.8	80.06
6084.0	1.70	219.28	6081.8	-83.1	12.8	83.2	0.49	84.2	81.23



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Field: WC Bonespring
Site: Eddy County, NM
Well: SRO State Unit Com #4H
Survey: 01/28/10

G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Dip Angle: 0.00°
Date: 1/31/2010
Model: igr2000

