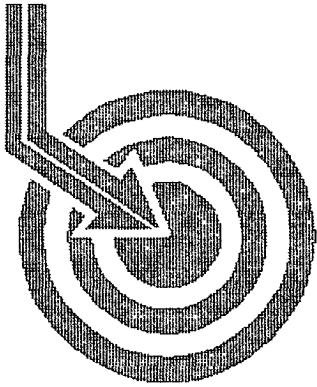




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API # 30-015-36662

MARBOB ENERGY

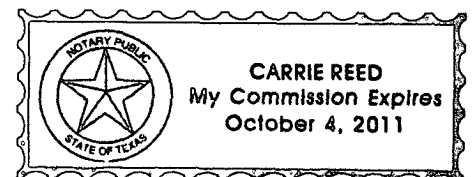
Field: Loco Hills
Site: Eddy County, NM
Well: EL Federal #13
Wellpath: VH - Job #32K1108928
Survey: 11/20/08

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

.....*Luhan*.....Company Representative

Notorized this date 22nd of December, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





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Scientific Drilling International Survey Report

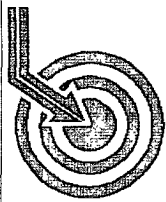
Company: MARBOB ENERGY
Field: Loco Hills
Site: Eddy County, NM
Well: EL Federal #13
Wellpath: VH - Job #32K1108928

Date: 12/16/2008 Time: 20:53:45 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,90.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 11/20/08 Start Date: 11/20/2008
KSRG 0'-3870'
Company: Scientific Drilling Internatio Engineer: Madrid w/GeoGyro
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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.89	214.34	100.00	-0.44	-0.64	-0.44	0.89	0.78	214.34
200.00	0.55	275.62	199.99	-1.35	-1.24	-1.35	0.79	1.83	227.62
300.00	0.60	328.14	299.98	-2.11	-0.74	-2.11	0.51	2.24	250.56
400.00	1.58	274.62	399.97	-3.76	-0.19	-3.76	1.31	3.76	267.14
500.00	1.54	286.09	499.93	-6.42	0.30	-6.42	0.31	6.43	272.63
600.00	1.62	286.15	599.89	-9.07	1.06	-9.07	0.08	9.13	276.67
700.00	1.62	288.18	699.85	-11.77	1.90	-11.77	0.06	11.92	279.14
800.00	1.50	282.69	799.82	-14.39	2.62	-14.39	0.19	14.63	280.33
900.00	1.35	296.13	899.78	-16.73	3.43	-16.73	0.37	17.08	281.59
1000.00	1.21	307.53	999.76	-18.62	4.59	-18.62	0.29	19.18	283.85
1100.00	1.26	314.89	1099.74	-20.24	6.01	-20.24	0.17	21.11	286.54
1200.00	1.22	311.21	1199.71	-21.82	7.49	-21.82	0.09	23.07	288.94
1300.00	1.29	312.94	1299.69	-23.44	8.96	-23.44	0.08	25.10	290.91
1400.00	1.16	315.37	1399.67	-24.98	10.44	-24.98	0.14	27.07	292.69
1500.00	1.13	318.23	1499.65	-26.35	11.90	-26.35	0.06	28.91	294.31
1600.00	1.08	323.00	1599.63	-27.57	13.39	-27.57	0.10	30.65	295.90
1700.00	1.02	332.79	1699.61	-28.54	14.93	-28.54	0.19	32.21	297.61
1800.00	1.18	334.09	1799.59	-29.40	16.65	-29.40	0.16	33.79	299.52
1900.00	1.25	333.29	1899.57	-30.34	18.55	-30.34	0.07	35.56	301.44
2000.00	1.28	332.88	1999.55	-31.34	20.52	-31.34	0.03	37.46	303.21
2100.00	1.29	327.69	2099.52	-32.45	22.46	-32.45	0.12	39.47	304.69
2200.00	1.09	332.95	2199.50	-33.49	24.26	-33.49	0.23	41.35	305.93
2300.00	1.30	335.72	2299.48	-34.39	26.14	-34.39	0.22	43.20	307.25
2400.00	1.34	332.25	2399.45	-35.40	28.21	-35.40	0.09	45.26	308.56
2500.00	1.21	330.02	2499.43	-36.47	30.16	-36.47	0.14	47.33	309.59
2600.00	1.13	332.84	2599.41	-37.45	31.95	-37.45	0.10	49.23	310.48
2700.00	1.10	330.47	2699.39	-38.37	33.67	-38.37	0.06	51.05	311.26
2800.00	0.94	332.08	2799.37	-39.23	35.23	-39.23	0.16	52.72	311.92
2900.00	0.92	329.17	2899.36	-40.02	36.64	-40.02	0.05	54.26	312.47
3000.00	0.80	330.44	2999.35	-40.78	37.94	-40.78	0.12	55.70	312.93
3100.00	0.82	339.24	3099.34	-41.38	39.21	-41.38	0.13	57.01	313.46
3200.00	0.79	334.62	3199.33	-41.92	40.51	-41.92	0.07	58.30	314.01
3300.00	0.73	327.80	3299.32	-42.56	41.67	-42.56	0.11	59.56	314.39
3400.00	0.93	328.38	3399.31	-43.32	42.90	-43.32	0.20	60.97	314.72
3500.00	0.90	335.20	3499.29	-44.08	44.30	-44.08	0.11	62.50	315.14
3600.00	0.91	332.36	3599.28	-44.78	45.72	-44.78	0.05	63.99	315.60
3700.00	0.84	324.96	3699.27	-45.57	47.02	-45.57	0.13	65.48	315.90
3800.00	0.68	322.32	3799.26	-46.35	48.09	-46.35	0.16	66.79	316.06
3870.00	0.91	333.99	3869.25	-46.85	48.92	-46.85	0.40	67.73	316.24



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