



INTEQ

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Survey Report

CHI OPERATING

Munchkin Fed #8

Eddy County, NM

MWD

Prepared By Oscar Gomez
Monday, May 01, 2006

CHI ENERGY
Munchkin Fed #8, slot #1
DELAWARE, Eddy County New Mexico

SURVEY LISTING Page 1
Your ref : MWD
Last revised : 1-May-2006

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00
2784.00	1.40	247.30	2783.72	13.13 S	31.38 W	0.05	-13.13
2816.00	1.50	260.70	2815.71	13.34 S	32.15 W	1.10	-13.34
2846.00	1.40	282.10	2845.70	13.33 S	32.90 W	1.82	-13.33
2878.00	1.70	309.60	2877.69	12.95 S	33.64 W	2.48	-12.95
2909.00	2.50	331.70	2908.67	12.06 S	34.32 W	3.63	-12.06
2940.00	3.10	341.90	2939.63	10.67 S	34.90 W	2.51	-10.67
2972.00	4.00	344.70	2971.57	8.77 S	35.46 W	2.86	-8.77
3004.00	4.80	348.90	3003.48	6.38 S	36.02 W	2.69	-6.38
3036.00	5.30	350.70	3035.35	3.60 S	36.51 W	1.64	-3.60
3068.00	6.10	352.40	3067.20	0.46 S	36.98 W	2.55	-0.46
3100.00	7.10	354.60	3098.98	3.19 N	37.39 W	3.22	3.19
3132.00	8.20	359.50	3130.70	7.45 N	37.59 W	3.99	7.45
3163.00	9.10	0.90	3161.35	12.11 N	37.57 W	2.98	12.11
3195.00	9.80	3.00	3192.91	17.36 N	37.39 W	2.44	17.36
3227.00	11.00	4.40	3224.38	23.12 N	37.01 W	3.83	23.12
3259.00	12.00	5.80	3255.74	29.47 N	36.44 W	3.24	29.47
3291.00	12.30	6.50	3287.03	36.17 N	35.72 W	1.04	36.17
3355.00	12.00	6.80	3349.59	49.55 N	34.16 W	0.48	49.55
3450.00	11.90	6.80	3442.53	69.08 N	31.83 W	0.11	69.08
3513.00	11.60	6.80	3504.21	81.82 N	30.31 W	0.48	81.82
3577.00	12.10	6.10	3566.85	94.88 N	28.84 W	0.81	94.88
3640.00	12.50	5.80	3628.40	108.23 N	27.45 W	0.64	108.23
3704.00	12.40	5.50	3690.90	121.96 N	26.09 W	0.19	121.96
3768.00	12.40	5.10	3753.40	135.64 N	24.82 W	0.13	135.64
3831.00	12.40	5.10	3814.93	149.12 N	23.62 W	0.00	149.12
3895.00	12.40	5.10	3877.44	162.81 N	22.40 W	0.00	162.81
3959.00	12.60	5.10	3939.92	176.60 N	21.17 W	0.31	176.60
4022.00	12.60	4.40	4001.41	190.30 N	20.03 W	0.24	190.30
4086.00	12.50	3.70	4063.88	204.17 N	19.05 W	0.28	204.17
4150.00	12.30	4.40	4126.39	217.88 N	18.08 W	0.39	217.88
4214.00	12.20	4.70	4188.93	231.42 N	17.00 W	0.19	231.42
4278.00	12.50	3.30	4251.45	245.07 N	16.05 W	0.66	245.07
4341.00	12.60	2.60	4312.94	258.74 N	15.34 W	0.29	258.74
4405.00	12.50	2.60	4375.41	272.63 N	14.71 W	0.16	272.63
4469.00	12.50	1.60	4437.90	286.48 N	14.20 W	0.34	286.48
4533.00	12.20	3.00	4500.41	300.15 N	13.66 W	0.66	300.15
4597.00	12.40	3.40	4562.95	313.77 N	12.89 W	0.34	313.77
4661.00	12.50	3.00	4625.44	327.54 N	12.12 W	0.21	327.54
4724.00	12.20	1.90	4686.98	341.00 N	11.55 W	0.61	341.00
4788.00	12.40	2.30	4749.51	354.63 N	11.05 W	0.34	354.63
4852.00	12.60	4.40	4812.00	368.45 N	10.24 W	0.78	368.45
4916.00	12.60	4.40	4874.46	382.37 N	9.16 W	0.00	382.37
4979.00	12.60	4.40	4935.94	396.08 N	8.11 W	0.00	396.08
5043.00	12.40	4.00	4998.42	409.89 N	7.10 W	0.34	409.89
5107.00	12.30	3.70	5060.94	423.55 N	6.18 W	0.19	423.55
5171.00	12.30	3.30	5123.47	437.16 N	5.34 W	0.13	437.16
5235.00	12.40	2.30	5185.99	450.83 N	4.68 W	0.37	450.83
5298.00	12.30	2.30	5247.53	464.29 N	4.13 W	0.16	464.29
5351.00	12.30	2.30	5299.32	475.58 N	3.68 W	0.00	475.58

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 475.59 on azimuth 359.56 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ



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CHI ENERGY

Structure : Munchkin Fed #8

Slot : slot #1

Field : DELAWARE

Location : Eddy County New Mexico

