

Mighty1.txt

Job Number: 1

State/Country: Eddy/NM/USA

Company: Yates Petroleum

Declination:

Lease/Well: Mighty Mite AZF Federal Com. #1

Grid:

Location: Section 10, T22S-R24E, Surf: 229' N & 1,541' E, BH: 660' N & E

Date/Time: 24-Jan-02 / 09:37

Rig Name:

Curve Name: Preliminary/Proposed

RKB:

G.L. or M.S.L.: 3,950'

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 116.07

Vertical Section Referenced to offset from Wellhead: EW =.00 Ft, NS=.00 Ft

Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
RUN GYRO TIE-IN, PU DIRECTIONAL TOOLS, BEGIN BUILDING ANGLE AT A RATE OF 2.5 DEG/100'									
4710.45	.00	.00	4710.45	.00	.00	.00	.00	.00	.00
4740.45	.75	116.07	4740.45	-.09	.18	.20	.20	116.06	2.50
4770.45	1.50	116.07	4770.44	-.35	.71	.79	.79	116.07	2.50
4800.45	2.25	116.07	4800.43	-.78	1.59	1.77	1.77	116.07	2.50
4830.45	3.00	116.07	4830.39	-1.38	2.82	3.14	3.14	116.07	2.50
4860.45	3.75	116.07	4860.34	-2.16	4.41	4.91	4.91	116.07	2.50
4890.45	4.50	116.07	4890.26	-3.10	6.35	7.06	7.06	116.07	2.50
4920.45	5.25	116.07	4920.16	-4.23	8.64	9.61	9.61	116.07	2.50
4950.45	6.00	116.07	4950.01	-5.52	11.28	12.55	12.55	116.07	2.50
4980.45	6.75	116.07	4979.83	-6.98	14.27	15.89	15.89	116.07	2.50
5010.45	7.50	116.07	5009.59	-8.62	17.61	19.61	19.61	116.07	2.50
5040.45	8.25	116.07	5039.31	-10.42	21.30	23.72	23.72	116.07	2.50
5070.45	9.00	116.07	5068.97	-12.40	25.35	28.22	28.22	116.07	2.50
5100.45	9.75	116.07	5098.57	-14.55	29.74	33.10	33.10	116.07	2.50
5130.45	10.50	116.07	5128.10	-16.86	34.47	38.38	38.38	116.07	2.50
5160.45	11.25	116.07	5157.56	-19.35	39.56	44.04	44.04	116.07	2.50
5190.45	12.00	116.07	5186.95	-22.01	44.99	50.08	50.08	116.07	2.50
5220.45	12.75	116.07	5216.25	-24.63	50.76	56.51	56.51	116.07	2.50
5250.45	13.50	116.07	5245.47	-27.83	56.88	63.32	63.32	116.07	2.50
5280.45	14.25	116.07	5274.59	-30.99	63.34	70.52	70.52	116.07	2.50
5310.45	15.00	116.07	5303.62	-34.32	70.15	78.09	78.09	116.07	2.50
5340.45	15.75	116.07	5332.55	-37.81	77.29	86.05	86.05	116.07	2.50
5370.45	16.50	116.07	5361.36	-41.47	84.78	94.38	94.38	116.07	2.50
5400.45	17.25	116.07	5390.07	-45.30	92.60	103.09	103.09	116.07	2.50
5430.45	18.00	116.07	5418.66	-49.29	100.76	112.17	112.17	116.07	2.50
5460.45	18.75	116.07	5447.13	-53.45	109.25	121.63	121.63	116.07	2.50

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