

Job Number:	State/Country: New Mexico
Company: Yates Petroleum	Declination: 9.29° East
Lease/Well: Tracy AXW State #1	Grid: True North
Location: Eddy County	File name: C:\WINSERVE\YATES\TRACY1.SVY
Rig Name:	Date/Time: 19-Apr-01 / 16:02
RKB:	Curve Name: WORK
G.L. or M.S.L.:	

**DAILEY INTERNATIONAL Inc.
MIDLAND, TEXAS**

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 181.21

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

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>CLOSURE Distance FT</i>	<i>Direction Deg</i>	<i>Dogleg Severity Deg/100</i>	<i>BUILD RATE Deg/100</i>	<i>Course Length FT</i>
TIE IN FROM GYRO DATA											
3429.00	.85	291.83	3427.50	46.53	-66.33	-45.12	81.02	305.05	.00	.00	
3458.00	.60	259.00	3456.50	46.58	-66.68	-45.16	81.34	304.94	1.64	-.86	29.00
3489.00	1.20	200.90	3487.49	46.25	-66.95	-44.82	81.37	304.63	3.29	1.94	31.00
3521.00	2.30	181.50	3519.48	45.29	-67.09	-43.86	80.95	304.02	3.86	3.44	32.00
3553.00	3.50	169.30	3551.44	43.69	-66.93	-42.27	79.92	303.14	4.20	3.75	32.00
3585.00	3.90	176.20	3583.37	41.64	-66.67	-40.23	78.61	301.99	1.87	1.25	32.00
3617.00	5.40	172.30	3615.27	39.07	-66.40	-37.66	77.04	300.47	4.79	4.69	32.00
3648.00	5.90	170.10	3646.11	38.05	-65.93	-34.65	75.14	298.67	1.76	1.61	31.00
3680.00	7.00	169.70	3677.91	32.51	-65.30	-31.13	72.94	296.47	3.44	3.44	32.00
3712.00	8.20	169.80	3709.63	28.35	-64.54	-26.98	70.50	293.71	3.75	3.75	32.00
3744.00	8.60	171.50	3741.29	23.74	-63.79	-22.38	68.06	290.41	1.47	1.25	32.00
3776.00	9.80	172.10	3772.87	18.67	-63.06	-17.34	65.77	286.49	3.76	3.75	32.00
3807.00	11.10	173.90	3803.36	13.09	-62.38	-11.77	63.74	281.85	4.32	4.19	31.00
3839.00	11.70	174.60	3834.73	6.80	-61.75	-5.49	62.12	276.28	1.92	1.87	32.00
3871.00	12.50	171.90	3866.02	.14	-60.95	1.15	60.95	270.13	3.06	2.50	32.00
3935.00	13.80	175.60	3928.34	-14.33	-59.39	15.58	61.10	256.44	2.42	2.03	64.00
3966.00	14.40	173.60	3958.40	-21.85	-58.68	23.08	62.61	249.58	2.49	1.94	31.00
3998.00	15.30	173.70	3989.34	-30.00	-57.77	31.21	65.10	242.56	2.81	2.81	32.00
4030.00	16.30	176.50	4020.13	-38.68	-57.03	39.87	68.91	235.86	3.93	3.13	32.00
4061.00	16.30	174.40	4049.88	-47.35	-56.34	48.53	73.60	229.96	1.90	.00	31.00
4093.00	17.10	175.70	4080.53	-56.51	-55.55	57.67	79.24	224.51	2.76	2.50	32.00
4125.00	18.50	176.50	4111.00	-66.27	-54.89	67.41	86.05	219.63	4.44	4.37	32.00
4157.00	19.10	177.80	4141.29	-76.57	-54.38	77.70	93.91	215.38	2.29	1.88	32.00