

PLAN#1



Job Number:
Company: Yates Petroleum Corp.
Lease/Well: C. O. Jones #2
Location: Lea County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: New Mexico
Declination: 8 Degrees East
Grid:
File name: C:\WINSERVE\YATESHOR.SVY
Date/Time: 08-Oct-99 / 10:13
Curve Name: Plan #1

Daily International Inc.
Midland, Texas

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 90.00
Vertical Section Referenced to Wellhead
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	Direction Deg	Dogleg Severity Deg/100
11000.00	.00	90.00	11000.00	.00	.00	.00	.00	.00	.00
11030.00	2.23	90.00	11029.99	.00	.58	.58	.58	90.00	7.42
11060.00	4.45	90.00	11059.94	.00	2.33	2.33	2.33	90.00	7.42
11090.00	6.68	90.00	11089.80	.00	5.24	5.24	5.24	90.00	7.42
11120.00	8.91	90.00	11119.52	.00	9.31	9.31	9.31	90.00	7.42
11150.00	11.13	90.00	11149.06	.00	14.53	14.53	14.53	90.00	7.42
11180.00	13.36	90.00	11178.37	.00	20.89	20.89	20.89	90.00	7.42
11210.00	15.59	90.00	11207.42	.00	28.39	28.39	28.39	90.00	7.42
11240.00	17.81	90.00	11236.15	.00	37.01	37.01	37.01	90.00	7.42
11270.00	20.04	90.00	11264.53	.00	46.74	46.74	46.74	90.00	7.42
11300.00	22.27	90.00	11292.51	.00	57.56	57.56	57.56	90.00	7.42
11330.00	24.49	90.00	11320.04	.00	69.46	69.46	69.46	90.00	7.42
11360.00	26.72	90.00	11347.09	.00	82.43	82.43	82.43	90.00	7.42
11390.00	28.94	90.00	11373.62	.00	96.43	96.43	96.43	90.00	7.42
11397.31	29.49	90.00	11380.00	.00	100.00	100.00	100.00	90.00	7.42
11497.31	29.49	90.00	11467.05	.00	149.22	149.22	149.22	90.00	.00
11597.31	29.49	90.00	11554.09	.00	198.45	198.45	198.45	90.00	.00
11697.31	29.49	90.00	11641.14	.00	247.67	247.67	247.67	90.00	.00
11707.49	29.49	90.00	11650.00	.00	252.68	252.68	252.68	90.00	.00