



Job Number: WTX0799D068
 Company: Yates Petroleum Corp.
 Lease/Well: Concho ACT St. Com. #1
 Location: Eddy Co.
 Rig Name: Norton #18
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico
 Declination: 9 Degrees East
 Grid:
 File name: C:\WINSERVE\YATESCON.SVY
 Date/Time: 27-Jul-99 / 10:08
 Curve Name:

Daily International Inc.
 Midland, Texas

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane S4.69W
 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
Gyro Tie-In									
6100.00	.45	S14.07E	6099.20	-58.23	-34.72	60.87	67.80	S30.81W	.00
6216.00	3.20	S.60E	6215.13	-61.91	-34.58	64.53	70.91	S29.18W	2.38
6279.00	3.90	S6.30W	6278.01	-65.80	-34.79	68.42	74.43	S27.87W	1.30
6342.00	4.10	S13.30W	6340.86	-70.12	-35.55	72.79	78.61	S26.88W	.84
6405.00	4.00	S18.60W	6403.70	-74.39	-36.76	77.15	82.98	S26.30W	.61
6468.00	4.50	S23.10W	6466.53	-78.75	-38.43	81.63	87.63	S26.02W	.95
6530.00	5.30	S20.90W	6528.30	-83.66	-40.41	86.69	92.91	S25.78W	1.33
6593.00	6.20	S15.10W	6590.98	-89.66	-42.33	92.83	99.16	S25.27W	1.70
6653.00	6.60	S10.70W	6650.61	-96.18	-43.82	99.44	105.69	S24.49W	1.05
6716.00	6.80	S1.70W	6713.18	-103.47	-44.60	106.77	112.67	S23.32W	1.69
6779.00	6.90	S6.60E	6775.73	-110.95	-44.28	114.20	119.46	S21.76W	1.58
Single Shot Surveys									
6849.00	7.00	S10.00E	6845.22	-119.33	-43.05	122.45	126.86	S19.84W	.60
6943.00	7.25	S2.00E	6938.49	-130.90	-41.85	133.88	137.43	S17.73W	1.09
7036.00	6.75	S2.00W	7030.80	-142.23	-41.84	145.17	148.25	S16.39W	.75
7128.00	6.25	S2.00E	7122.21	-152.64	-41.85	155.55	158.27	S15.33W	.73
7248.00	5.50	S8.00W	7241.58	-164.86	-42.42	167.78	170.23	S14.43W	1.06