



Job Number: WTX1098D025

Company: YATES PETROLEUM

Lease/Well: PRESTON FED. #25

Location: EDOY

Rig Name: NORTON #17

RKB:

G.L. or M.S.L.:

State/Country: NEW MEXICO

Declination: 9.38

Grid:

File name: C:\WINSERVE\YATES.SVY

Date/Time: 12-Nov-98 / 18:42

Curve Name:

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 74.80
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Course Depth FT	Length 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	BUILD RATE Deg/100
GYRO TIE IN											
8550.00		.81	.58	8539.86	150.99	-129.61	-85.49	198.99	319.36	.00	.00
8572.00	22.00	1.50	14.90	8581.86	151.42	-128.53	-85.30	199.27	319.45	3.38	3.14
8582.00	10.00	1.80	24.30	8571.85	151.69	-129.44	-85.14	199.41	319.53	4.03	3.00
8592.00	10.00	2.70	35.30	8581.84	152.03	-129.24	-84.85	199.54	319.63	9.94	9.00
8602.00	10.00	3.90	41.50	8591.83	152.48	-128.87	-84.39	199.64	319.80	12.50	12.00
8612.00	10.00	5.10	59.10	8601.80	152.96	-128.27	-83.68	199.62	320.02	18.16	12.00
8622.00	10.00	7.20	67.60	8611.74	153.43	-127.31	-82.63	199.36	320.32	22.83	21.00
8632.00	10.00	8.70	71.20	8621.64	153.91	-126.01	-81.25	198.91	320.89	15.80	15.00
8642.00	10.00	10.50	74.30	8631.50	154.40	-124.42	-79.58	198.29	321.14	18.72	18.00
8652.00	10.00	12.60	76.60	8641.30	154.90	-122.48	-77.58	197.47	321.67	21.49	21.00
8662.00	10.00	14.90	79.10	8651.01	155.39	-120.18	-75.21	196.43	322.29	23.75	23.00
8672.00	10.00	16.80	81.00	8660.63	155.86	-117.47	-72.49	195.17	323.00	19.69	19.00
8682.00	10.00	18.50	81.80	8670.18	156.32	-114.47	-69.48	193.75	323.79	17.17	17.00
8692.00	10.00	20.00	82.40	8679.60	156.77	-111.20	-66.21	192.20	324.65	15.13	15.00
8702.00	10.00	21.20	83.50	8688.96	157.20	-107.71	-62.73	190.58	325.58	12.61	12.00
8712.00	10.00	22.50	83.90	8698.24	157.61	-104.01	-59.05	188.83	326.58	13.08	13.00
8722.00	10.00	23.10	84.50	8707.46	158.00	-100.16	-55.23	187.07	327.63	6.43	6.00
8732.00	10.00	23.70	84.30	8716.64	158.39	-96.20	-51.31	185.31	328.73	6.05	6.00
8742.00	10.00	23.80	85.20	8725.79	158.75	-92.19	-47.34	183.58	329.86	3.76	1.00
8752.00	10.00	24.00	85.60	8734.93	159.08	-88.15	-43.36	181.87	331.01	2.57	2.00