Bailey

Job Number: WTX1100D267
Company: Yates Petroleum Corp.
Lease/Well: Preston Fed. #5H
Location: Eddy, County
Rig Name: UTI #165
RKB:
G.L. or M.S.L.:

State/Country: New Mex.
Declination:
Grid:
File name: C:\WINSERVE\CLIENT\YATES\PRESTON5.SVY
Date/Time: 22-Nov-00 / 11:44
Curve Name: WORK

RECEIVED
OCD - ARTESIA

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 93.47
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	CLOSURE Direction Deg	Dogleg Severity Deg/100
TIE-IN F/GYRO SURVEY									
7500.00	1.80	159.89	7495.10	32.39	-44.07	-45.95	54.69	306.31	.00
7528.00	3.86	117.19	7523.07	31.55	-43.08	-44.91	53.40	306.21	10.05
GYRO SURVEY									
7537.00	6.05	104.04	7532.03	31.29	-42.35	-44.17	52.66	306.46	27.26
7568.00	13.40	81.30	7562.58	31.44	-37.21	-39.04	48.71	310.20	26.31
7600.00	22.20	82.90	7593.01	32.75	-27.52	-29.45	42.78	319.96	27.54
7631.00	30.40	91.00	7620.79	33.34	-13.84	-15.83	36.10	337.45	28.82
7663.00	38.20	94.80	7647.21	32.37	4.14	2.18	32.63	7.30	25.27
7695.00	47.00	97.20	7670.74	30.07	25.66	23.79	39.53	40.47	27.96
7726.00	56.10	100.20	7690.00	26.36	49.62	47.93	56.19	62.02	30.31
7758.00	65.20	100.20	7705.67	21.43	77.04	75.60	79.97	74.46	28.44
7790.00	74.20	97.60	7716.76	16.81	106.66	105.45	107.98	81.04	29.14
7822.00	83.30	94.10	7723.00	13.63	137.85	136.77	138.52	84.35	30.39
7853.00	87.20	94.60	7725.57	11.29	168.65	167.65	169.02	86.17	12.68
7885.00	87.40	95.30	7727.07	8.53	200.49	199.61	200.67	87.56	2.27
7917.00	88.20	95.50	7728.30	5.52	232.33	231.57	232.39	88.64	2.58
7949.00	88.60	95.60	7729.20	2.42	264.16	263.53	264.17	89.47	1.29
7980.00	88.50	95.60	7729.98	-.60	295.01	294.50	295.01	90.12	.32
8012.00	88.20	95.80	7730.90	-3.78	326.83	326.46	326.86	90.66	1.13
8044.00	91.30	95.70	7731.04	-6.98	358.67	358.43	358.74	91.12	9.69
8075.00	91.30	95.60	7730.34	-10.03	389.51	389.40	389.64	91.48	.32