



Job Number: WTX0200D157

State/Country: New Mexico

Company: Yates Petroleum Corp.

Declination: 10 Degrees East

Lease/Well: Anadarko Pardue Farms ANQ #1

Grid: True North

Location: Eddy County

File name: C:\WINSERVE\YATES\ANADARKO.SVY

Rig Name: Patterson #18

Date/Time: 07-Mar-00 / 19:34

RKB: Sec. 27 21-s 24-E

Curve Name: Directional Well

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

Weatherford - Dailey Int'l. Inc.
Midland, Texas
915 - 561- 8892
1- 888 - 366 - 0083

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 281.58
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									
4500.00	1.38	273.44	4499.50	10.03	-49.86	50.86	50.86	281.37	.00
4529.00	1.90	253.60	4528.49	9.92	-50.67	51.63	51.63	281.07	2.63
4592.00	2.50	263.00	4591.44	9.45	-53.04	53.85	53.87	280.11	1.11
4749.00	7.60	269.10	4747.78	8.87	-66.82	67.24	67.41	277.56	3.26
4780.00	7.90	270.80	4778.50	8.87	-71.00	71.34	71.56	277.12	1.22
4843.00	8.00	272.20	4840.89	9.10	-79.71	79.92	80.23	276.51	.35
4874.00	7.90	271.20	4871.60	9.23	-84.00	84.14	84.50	276.27	.55
4906.00	7.70	272.40	4903.30	9.36	-88.34	88.42	88.83	276.05	.81
4937.00	8.20	274.20	4934.00	9.61	-92.62	92.66	93.12	275.92	1.80
4969.00	8.20	278.00	4965.67	10.10	-97.16	97.20	97.68	275.93	1.69
5000.00	8.10	278.00	4996.36	10.71	-101.51	101.59	102.07	276.02	.32
5031.00	8.40	277.90	5027.04	11.32	-105.91	106.03	106.52	276.10	.97
5063.00	8.70	279.40	5058.68	12.04	-110.62	110.78	111.27	276.21	1.17
5095.00	8.90	280.70	5090.31	12.89	-115.44	115.67	116.15	276.37	.88
5126.00	9.30	282.20	5120.92	13.87	-120.24	120.58	121.04	276.58	1.50
5158.00	9.20	281.90	5152.50	14.94	-125.27	125.72	126.16	276.80	.35
5190.00	9.60	283.40	5184.07	16.09	-130.37	130.95	131.36	277.03	1.47
5221.00	10.10	281.60	5214.61	17.23	-135.55	136.25	136.64	277.25	1.89
5253.00	10.90	280.20	5246.08	18.33	-141.27	142.08	142.46	277.39	2.62