



Job Number:

State/Country: New Mexico

Company: Yates Petroleum

Declination:

Lease/Well: Preston Federal #25

Grid:

Location: Eddy County

File name: C:\WINSERVE\PRESTON.SVY

Rig Name: Norton #17

Date/Time: 27-Oct-88 / 16:37

RKB:

Curve Name:

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

DAILEY INTERNATIONAL INC.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 74.80
 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
KOP → Build & Turn 10°/100'									
8600.00	.71	14.89	8589.85	150.99	-129.64	-85.52	199.01	319.35	.00
8700.00	10.21	85.06	8689.31	152.20	-120.62	-76.49	194.20	321.60	10.00
8800.00	20.20	88.01	8785.69	153.41	-94.46	-50.93	180.16	328.38	10.00
8900.00	30.19	88.69	8876.08	154.59	-51.97	-9.62	163.09	341.42	10.00
9000.00	40.19	89.06	8957.68	155.70	5.58	46.20	155.79	2.05	10.00
Begin Hold @ 44.98°, 89.19° Azm									
9047.96	44.98	89.19	8992.98	156.19	38.02	77.64	160.75	13.68	10.00
Target 1									
9128.57	44.98	89.19	9050.00	157.00	95.00	132.84	183.50	31.18	.00
9228.57	44.98	89.19	9120.73	158.00	185.68	201.31	228.95	46.36	.00
Target 2									
9269.95	44.98	89.19	9150.00	158.42	194.93	229.65	251.19	50.90	.00
9369.95	44.98	89.19	9220.73	159.43	265.62	298.13	309.79	59.03	.00
9469.95	44.98	89.19	9291.46	160.43	336.30	366.80	372.61	64.50	.00
9569.95	44.98	89.19	9362.19	161.43	406.99	435.07	437.83	68.36	.00
9669.95	44.98	89.19	9432.92	162.44	477.67	503.55	504.53	71.22	.00
9769.95	44.98	89.19	9503.65	163.44	548.36	572.02	572.19	73.40	.00
PBHL @ 9850 Ft MD									
9849.62	44.98	89.19	9560.00	164.24	604.66	626.57	626.57	74.80	.00