



Job Number: 04219

Company: Devon Energy Production Co.

Lease/Well: NEBU #495A

Location: Rio Arriba County, Sec. 30-31N-6W

Rig Name: D&J #1

RKB:

G.L. or M.S.L.: 6375'

State/Country: New Mexico / USA

Declination: 10.92° East

Grid:

File name: C:\CUST04\SURVEYS\DEVON\04219.SVY

Date/Time: 19-Oct-04 / 16:16

Curve Name: As Drilled

Rev. 11-29-04

30-039-27701

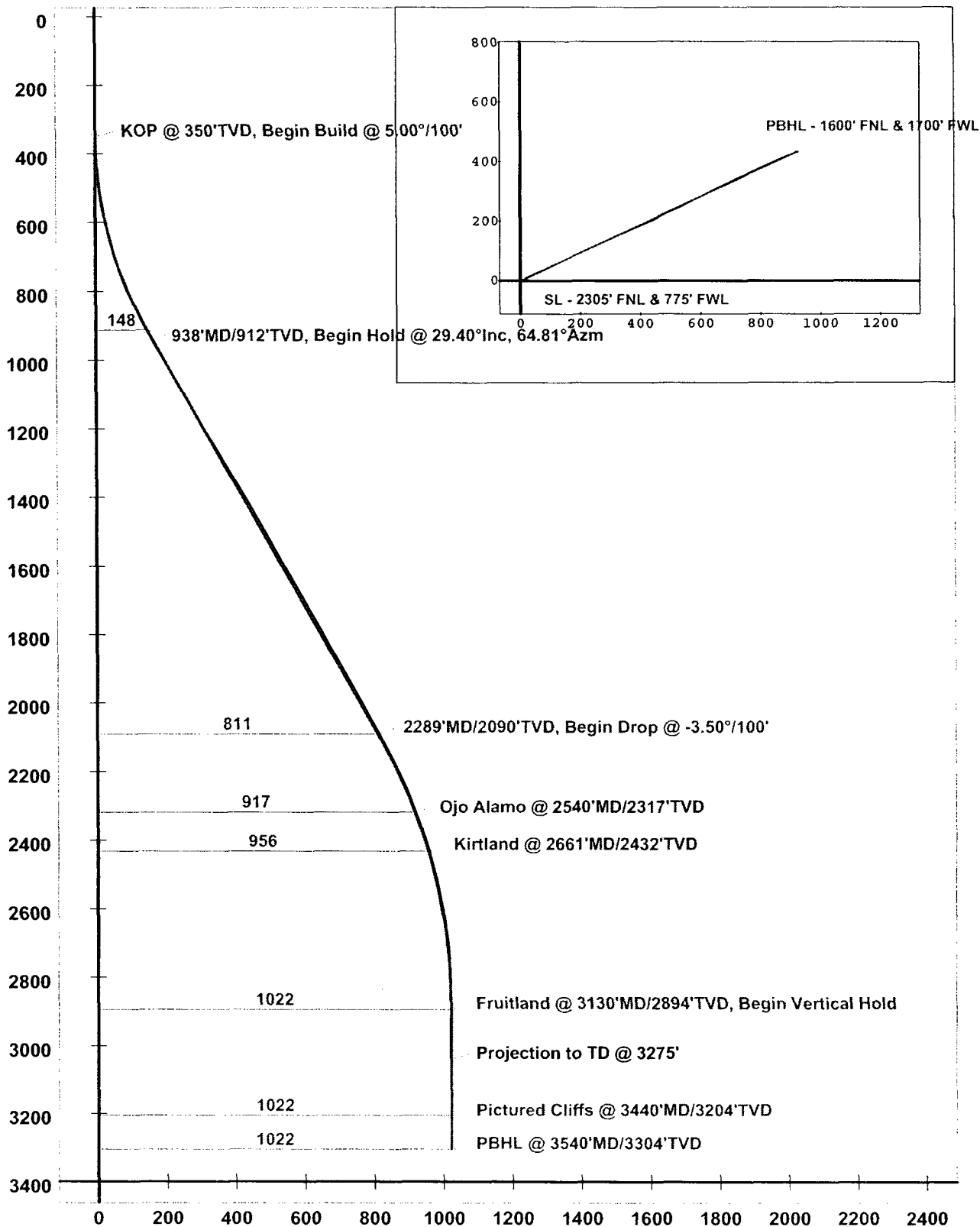
Surface 2035/N 975/W
BNL 1602/N 1700/W

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 64.81
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
Distance FT	Direction Deg								
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
331.00	.20	293.60	331.00	-.38	.23	-.53	.58	293.60	.06
424.00	3.70	68.20	423.94	2.51	1.41	2.11	2.54	56.21	4.13
515.00	8.00	62.30	514.44	11.77	5.45	10.45	11.78	62.46	4.77
607.00	13.00	64.90	604.87	28.53	12.82	25.49	28.53	63.31	5.46
704.00	17.50	65.30	698.43	54.03	23.54	48.64	54.04	64.17	4.64
798.00	22.00	64.20	786.88	85.79	37.12	77.34	85.79	64.36	4.80
893.00	27.10	66.00	873.27	125.24	53.68	113.15	125.24	64.62	5.43
985.00	30.60	65.50	953.84	169.62	71.92	153.62	169.62	64.91	3.81
1079.00	29.90	65.00	1035.04	216.97	91.74	196.62	216.97	64.99	.79
1173.00	29.30	64.00	1116.77	263.40	111.72	238.53	263.40	64.90	.83
1265.00	30.30	65.80	1196.60	309.12	131.11	279.93	309.12	64.90	1.46
1359.00	30.80	64.60	1277.56	356.89	151.15	323.30	356.89	64.94	.84
1453.00	30.00	66.80	1358.63	404.45	170.73	366.65	404.45	65.03	1.46
1548.00	29.80	65.20	1440.99	451.79	189.99	409.90	451.79	65.13	.87
1642.00	29.60	63.80	1522.64	498.36	210.04	451.94	498.36	65.07	.77
1736.00	29.20	64.50	1604.54	544.50	230.16	493.47	544.50	64.99	.56
1830.00	30.10	63.40	1686.23	590.99	250.59	535.24	590.99	64.91	1.12
1922.00	28.60	64.20	1766.42	636.08	270.50	575.69	636.08	64.83	1.69
2014.00	28.90	63.30	1847.08	680.32	290.07	615.38	680.32	64.76	.57
2103.00	29.20	63.10	1924.88	723.52	309.56	653.95	723.52	64.67	.35
2198.00	28.60	64.00	2008.05	769.42	330.01	695.06	769.42	64.60	.78
2293.00	28.60	64.40	2091.46	814.89	349.80	736.00	814.90	64.58	.20
2384.00	26.40	65.60	2172.17	856.90	367.57	774.07	856.91	64.60	2.49
2478.00	22.70	64.70	2257.66	895.95	383.96	809.51	895.96	64.62	3.96
2569.00	19.40	66.60	2342.58	928.62	397.47	839.26	928.63	64.66	3.70

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2661.00	17.10	66.20	2429.94	957.42	409.00	865.67	957.42	64.71	2.50
2756.00	13.50	66.90	2521.56	982.47	418.99	888.65	982.48	64.76	3.79
2850.00	9.40	67.90	2613.67	1001.11	426.19	905.86	1001.11	64.80	4.37
2945.00	5.40	60.70	2707.86	1013.32	431.30	916.96	1013.32	64.81	4.31
3040.00	2.20	75.40	2802.64	1019.58	433.94	922.62	1019.58	64.81	3.49
3133.00	.70	137.00	2895.61	1021.50	433.98	924.74	1021.50	64.86	2.11
3225.00	.50	157.60	2987.61	1021.66	433.20	925.27	1021.66	64.91	.32
Projection to TD @ 3275'									
3275.00	.39	168.80	3037.61	1021.61	432.83	925.39	1021.61	64.93	.28

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-- As Drilled -- Proposal 4-6-04