



Job Number: 04216
 Company: Devon Energy Production Co.
 Lease/Well: NEBU #483A
 Location: Rio Arriba County, Sec. 36-31N-7W
 Rig Name: D&J #1
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico / USA
 Declination: 10.92° East
 Grid:
 File name: C:\CUST04\SURVEYS\DEVON\04216.SVY
 Date/Time: 08-Oct-04 / 08:04
 Curve Name: As Drilled

30-039-27715

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 90.00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

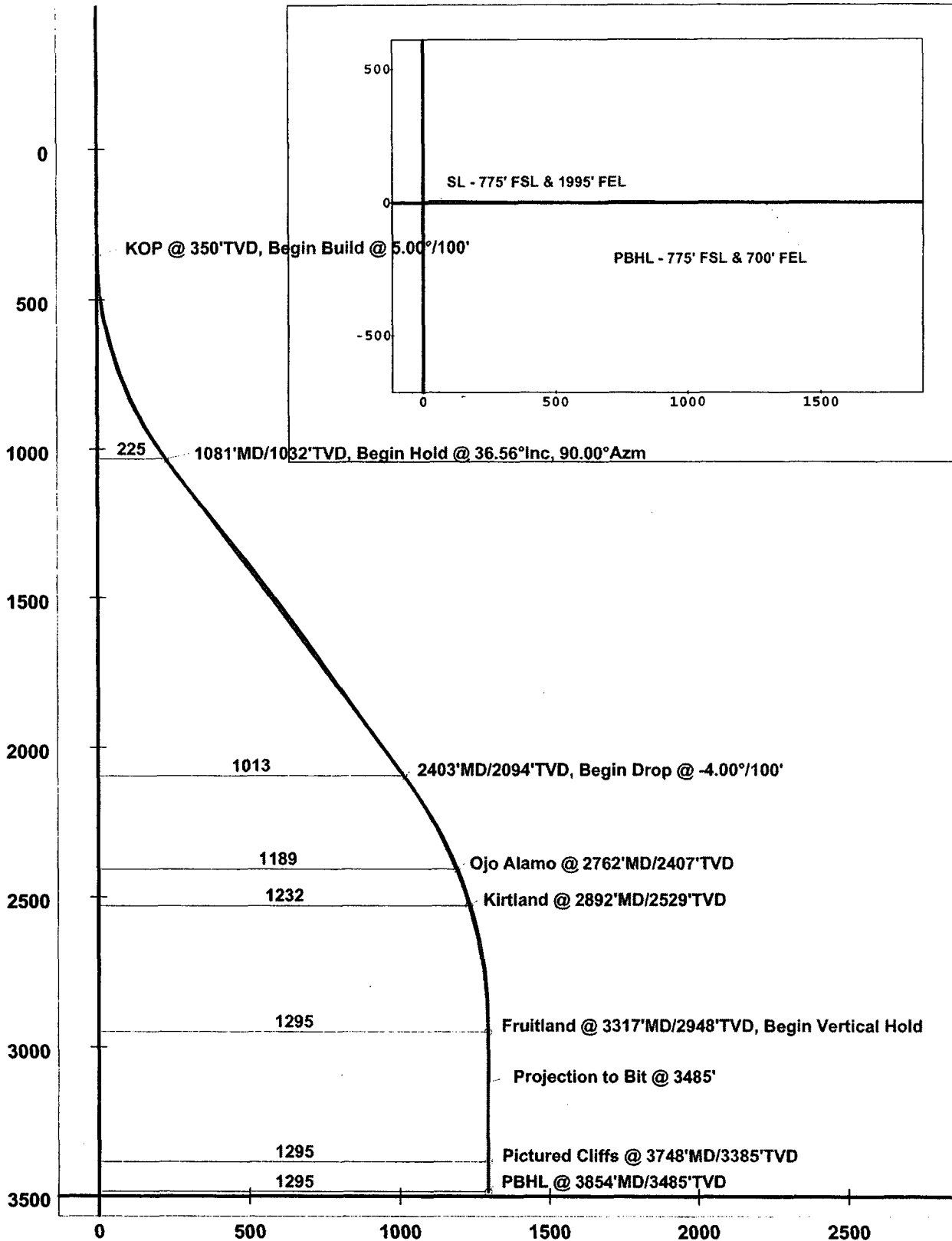
SUR 775/S 1996/E
 BHL 780/S 698/E

[Handwritten signature]

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
310.00	.30	310.90	310.00	-.61	.53	-.61	.81	310.90	.10
392.00	2.80	65.30	391.97	1.04	1.51	1.04	1.84	34.68	3.58
483.00	7.50	77.50	482.58	8.87	3.72	8.87	9.62	67.21	5.27
575.00	11.90	83.90	573.24	24.17	6.03	24.17	24.91	75.98	4.92
668.00	16.40	92.30	663.41	46.83	6.53	46.83	47.29	82.07	5.31
765.00	20.60	90.60	755.37	77.59	5.80	77.59	77.81	85.73	4.37
859.00	25.50	90.30	841.84	114.39	5.52	114.39	114.52	87.24	5.21
955.00	29.50	90.60	926.98	158.70	5.16	158.70	158.79	88.14	4.17
1049.00	33.90	90.30	1006.93	208.08	4.78	208.08	208.14	88.68	4.68
1143.00	36.90	91.00	1083.55	262.53	4.15	262.53	262.56	89.09	3.22
1235.00	37.50	90.60	1156.83	318.14	3.38	318.14	318.16	89.39	.70
1328.00	38.30	90.60	1230.21	375.27	2.78	375.27	375.28	89.58	.86
1422.00	38.90	89.40	1303.68	433.91	2.78	433.91	433.92	89.63	1.02
1516.00	37.90	91.10	1377.35	492.29	2.54	492.29	492.30	89.70	1.55
1611.00	36.50	90.40	1453.01	549.72	1.78	549.72	549.72	89.81	1.54
1705.00	36.60	89.60	1528.53	605.70	1.78	605.70	605.70	89.83	.52
1798.00	35.90	88.60	1603.53	660.68	2.64	660.68	660.69	89.77	.99
1892.00	35.30	88.70	1679.96	715.39	3.93	715.39	715.40	89.69	.64
1985.00	34.70	90.50	1756.14	768.72	4.31	768.72	768.73	89.68	1.28
2079.00	35.80	89.40	1832.91	822.97	4.36	822.97	822.98	89.70	1.35
2172.00	35.80	91.60	1908.34	877.36	3.89	877.36	877.37	89.75	1.38
2262.00	36.30	91.30	1981.10	930.31	2.55	930.31	930.31	89.84	.59
2361.00	36.00	90.90	2061.04	988.70	1.43	988.70	988.70	89.92	.39
2455.00	34.70	91.40	2137.71	1043.07	.34	1043.07	1043.07	89.98	1.42
2547.00	32.80	88.40	2214.21	1094.17	.40	1094.17	1094.17	89.98	2.75

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	
2641.00	28.30	90.90	2295.14	1141.92	.76	1141.92	1141.92	89.96	4.97
2736.00	23.10	90.10	2380.72	1183.11	.37	1183.11	1183.11	89.98	5.49
2830.00	18.90	89.90	2468.45	1216.78	.36	1216.78	1216.78	89.98	4.47
2925.00	16.10	90.00	2559.05	1245.35	.39	1245.35	1245.35	89.98	2.95
3017.00	12.10	92.60	2648.26	1267.75	-.05	1267.75	1267.75	90.00	4.40
3111.00	7.20	90.70	2740.90	1283.49	-.57	1283.49	1283.49	90.03	5.22
3205.00	3.20	101.00	2834.50	1291.96	-1.14	1291.96	1291.96	90.05	4.35
3298.00	1.00	155.60	2927.43	1294.84	-2.37	1294.84	1294.84	90.11	2.95
3415.00	1.00	142.90	3044.42	1295.88	-4.12	1295.88	1295.89	90.18	.19
Projection to Bit @ 3485'									
3485.00	1.00	142.90	3114.40	1296.62	-5.09	1296.62	1296.63	90.22	.00

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-- As Drilled -- Proposal 4-7-04