

Job Number: WTX-0202-D-013

State/Country: New Mexico

Company: Devon Energy

Declination: 9.15 East

Lease/Well: Right Hand Canyon 34 Fed. #3

Grid: True North

Location: Eddy County

File name: C:\MYDOCU-1\DEVON343\FINALR-1.SVY

Rig Name: Patterson #5

Date/Time: 25-Feb-02 / 11:39

RKB:

Curve Name: Right Hand Canyon "34" Fed. #3/MWD surveys

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

WINSERVE SURVEY CALCULATIONS

*Minimum Curvature Method**Vertical Section Plane 337.44**Vertical Section Referenced to Wellhead**Rectangular Coordinates Referenced to Wellhead*

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>Vertical Section FT</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>C L O S U R E Distance FT</i>	<i>Direction Deg</i>	<i>Dogleg Severity Deg/100</i>
Gyro tie in									
5175.00	2.20	281.09	5172.95	98.86	56.98	-120.53	133.32	295.30	.00
5327.00	1.90	272.70	5324.85	101.55	57.66	-125.91	138.48	294.61	.28
5391.00	1.70	269.40	5388.82	102.36	57.70	-127.92	140.33	294.28	.35
5454.00	1.90	288.20	5451.79	103.39	58.02	-129.85	142.22	294.08	.98
5518.00	2.40	297.20	5515.75	105.11	58.96	-132.05	144.61	294.06	.94
5550.00	2.70	299.70	5547.71	106.22	59.64	-133.30	146.03	294.10	1.00
5613.00	3.20	289.40	5610.63	108.56	60.96	-136.24	149.26	294.11	1.15
5677.00	3.70	297.00	5674.51	111.33	62.49	-139.77	153.10	294.09	1.06
5741.00	4.70	306.50	5738.34	115.15	64.99	-143.72	157.73	294.33	1.90
5804.00	5.60	308.10	5801.09	120.04	68.42	-148.21	163.24	294.78	1.45
5868.00	5.40	308.00	5864.79	125.39	72.20	-153.04	169.22	295.26	.31
5900.00	5.80	310.30	5896.64	128.14	74.17	-155.46	172.25	295.51	1.43
5963.00	6.50	319.50	5959.28	134.37	78.94	-160.20	178.60	296.23	1.92
6027.00	6.90	325.80	6022.84	141.58	84.88	-164.72	185.30	297.26	1.31
6091.00	7.20	330.50	6086.36	149.32	91.55	-168.85	192.07	298.47	1.02
6155.00	7.90	334.50	6149.80	157.70	99.01	-172.72	199.09	299.82	1.37
6218.00	8.70	338.90	6212.14	166.78	107.36	-176.30	206.42	301.34	1.62
6282.00	9.40	340.80	6275.35	176.84	116.81	-179.76	214.38	303.02	1.19
6346.00	10.50	340.00	6338.38	187.88	127.23	-183.48	223.27	304.74	1.73
6441.00	11.90	340.20	6431.57	206.32	144.58	-189.75	238.56	307.30	1.47
6505.00	11.80	343.70	6494.21	219.41	157.07	-193.83	249.48	309.02	1.13