

Scientific Drilling

DEVON ENERGY

Field: Cottonwood Creek
Site: Eddy County, NM
Well: Canadian 6 State #1
Wellpath: VH - Job #32K0506357
Survey: 05/03/06

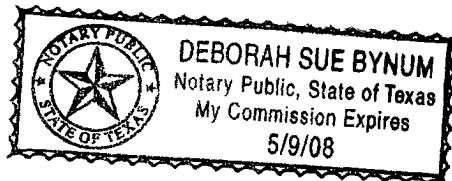
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*R. Wharton*..... Company Representative

Notorized this date 20th of June, 2006.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: DEVON ENERGY	Date: 06/20/2006	Time: 19:38:01	Page: 1
Field: Cottonwood Creek	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Canadian 6 State #1	Section (VS) Reference:	Well (0.00N,0.00E,163.94Azi)	
Wellpath: VH - Job #32K0506357	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 05/03/06 KSRG 0'-5136'	Start Date: 05/03/2006	
Company: Scientific Drilling Internatio	Engineer: Guebara w/Signal	
Tool: Keeper, Keeper Gyro	Tied-to: From Surface	

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.30	40.30	100.00	-0.15	0.20	0.17	0.30	0.26	40.30
200.00	0.26	57.06	200.00	-0.36	0.52	0.53	0.09	0.74	45.35
300.00	0.33	68.19	300.00	-0.45	0.75	0.99	0.09	1.24	52.65
400.00	0.08	1.17	400.00	-0.55	0.93	1.26	0.31	1.56	53.48
500.00	0.23	89.54	500.00	-0.56	1.00	1.46	0.24	1.77	55.52
600.00	0.16	128.33	600.00	-0.39	0.92	1.77	0.15	1.99	62.60
700.00	0.57	146.95	699.99	0.20	0.41	2.15	0.42	2.19	79.13
800.00	0.72	161.73	799.99	1.30	-0.60	2.62	0.22	2.69	102.93
900.00	1.03	181.09	899.98	2.79	-2.10	2.80	0.42	3.50	126.85
1000.00	0.86	180.69	999.96	4.37	-3.75	2.77	0.17	4.66	143.50
1100.00	0.92	177.18	1099.95	5.87	-5.30	2.80	0.08	5.99	152.13
1200.00	0.99	178.59	1199.94	7.48	-6.96	2.86	0.07	7.53	157.66
1300.00	1.01	180.04	1299.92	9.17	-8.71	2.88	0.03	9.17	161.68
1400.00	0.92	180.82	1399.91	10.78	-10.39	2.87	0.09	10.78	164.56
1500.00	0.87	175.68	1499.89	12.29	-11.95	2.92	0.09	12.30	166.29
1600.00	1.04	179.64	1599.88	13.91	-13.62	2.98	0.18	13.94	167.66
1700.00	1.04	173.55	1699.86	15.68	-15.43	3.09	0.11	15.73	168.68
1800.00	0.81	168.73	1799.85	17.28	-17.02	3.33	0.24	17.34	168.94
1900.00	0.86	165.61	1899.84	18.73	-18.44	3.65	0.07	18.80	168.80
2000.00	0.85	183.54	1999.83	20.18	-19.91	3.79	0.27	20.27	169.21
2100.00	0.93	177.70	2099.82	21.67	-21.46	3.78	0.12	21.79	170.01
2200.00	0.78	169.49	2199.81	23.13	-22.94	3.94	0.19	23.27	170.26
2300.00	0.72	161.09	2299.80	24.44	-24.20	4.26	0.13	24.58	170.01
2400.00	0.69	169.11	2399.79	25.66	-25.39	4.58	0.10	25.80	169.77
2500.00	0.72	177.43	2499.78	26.88	-26.61	4.72	0.11	27.02	169.93
2600.00	0.67	168.60	2599.78	28.07	-27.81	4.87	0.12	28.23	170.07
2700.00	0.61	176.03	2699.77	29.17	-28.91	5.02	0.10	29.34	170.15
2800.00	0.62	174.47	2799.76	30.23	-29.98	5.11	0.02	30.41	170.33
2900.00	0.79	171.94	2899.76	31.44	-31.20	5.26	0.17	31.64	170.44
3000.00	0.69	178.28	2999.75	32.71	-32.49	5.37	0.13	32.93	170.61
3100.00	0.64	187.44	3099.74	33.80	-33.64	5.32	0.12	34.06	171.02
3200.00	0.66	181.89	3199.73	34.86	-34.77	5.23	0.07	35.16	171.45
3300.00	0.68	199.59	3299.73	35.89	-35.91	5.01	0.21	36.25	172.06
3400.00	0.62	188.95	3399.72	36.86	-37.00	4.72	0.13	37.30	172.72
3500.00	0.61	181.29	3499.72	37.86	-38.07	4.63	0.08	38.35	173.07
3600.00	0.74	186.62	3599.71	38.97	-39.24	4.54	0.14	39.50	173.40
3700.00	0.63	183.36	3699.70	40.08	-40.43	4.44	0.12	40.67	173.74
3800.00	0.77	188.09	3799.69	41.21	-41.65	4.31	0.15	41.87	174.09
3900.00	0.72	181.57	3899.69	42.42	-42.94	4.20	0.10	43.14	174.42
4000.00	0.97	178.13	3999.67	43.84	-44.41	4.21	0.25	44.61	174.59
4100.00	1.09	167.61	4099.66	45.61	-46.19	4.44	0.22	46.40	174.51
4200.00	1.20	167.92	4199.64	47.61	-48.14	4.86	0.11	48.39	174.23
4300.00	1.31	152.30	4299.61	49.77	-50.18	5.61	0.36	50.49	173.62
4400.00	1.43	136.49	4399.59	52.00	-52.09	7.00	0.40	52.56	172.34
4500.00	1.44	138.61	4499.55	54.24	-53.94	8.69	0.05	54.64	170.84
4600.00	1.45	137.94	4599.52	56.51	-55.82	10.37	0.02	56.78	169.47
4700.00	1.23	131.52	4699.50	58.56	-57.47	12.02	0.27	58.72	168.18
4800.00	1.17	136.73	4799.47	60.37	-58.93	13.53	0.12	60.46	167.07



Scientific Drilling International

Survey Report

Company: DEVON ENERGY	Date: 06/20/2006	Time: 19:38:01	Page: 2
Field: Cottonwood Creek	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Canadian 6 State #1	Section (VS) Reference:	Well (0.00N,0.00E,163.94Azi)	
Wellpath: VH - Job #32K0506357	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	CisD ft	CisA deg
4900.00	1.17	135.86	4899.45	62.18	-60.41	14.94	0.02	62.22	166.11
5000.00	1.16	130.38	4999.43	63.92	-61.79	16.42	0.11	63.94	165.12
5100.00	0.97	132.74	5099.41	65.49	-63.02	17.81	0.19	65.49	164.22
5136.00	0.93	131.02	5135.41	66.00	-63.42	18.26	0.14	66.00	163.94



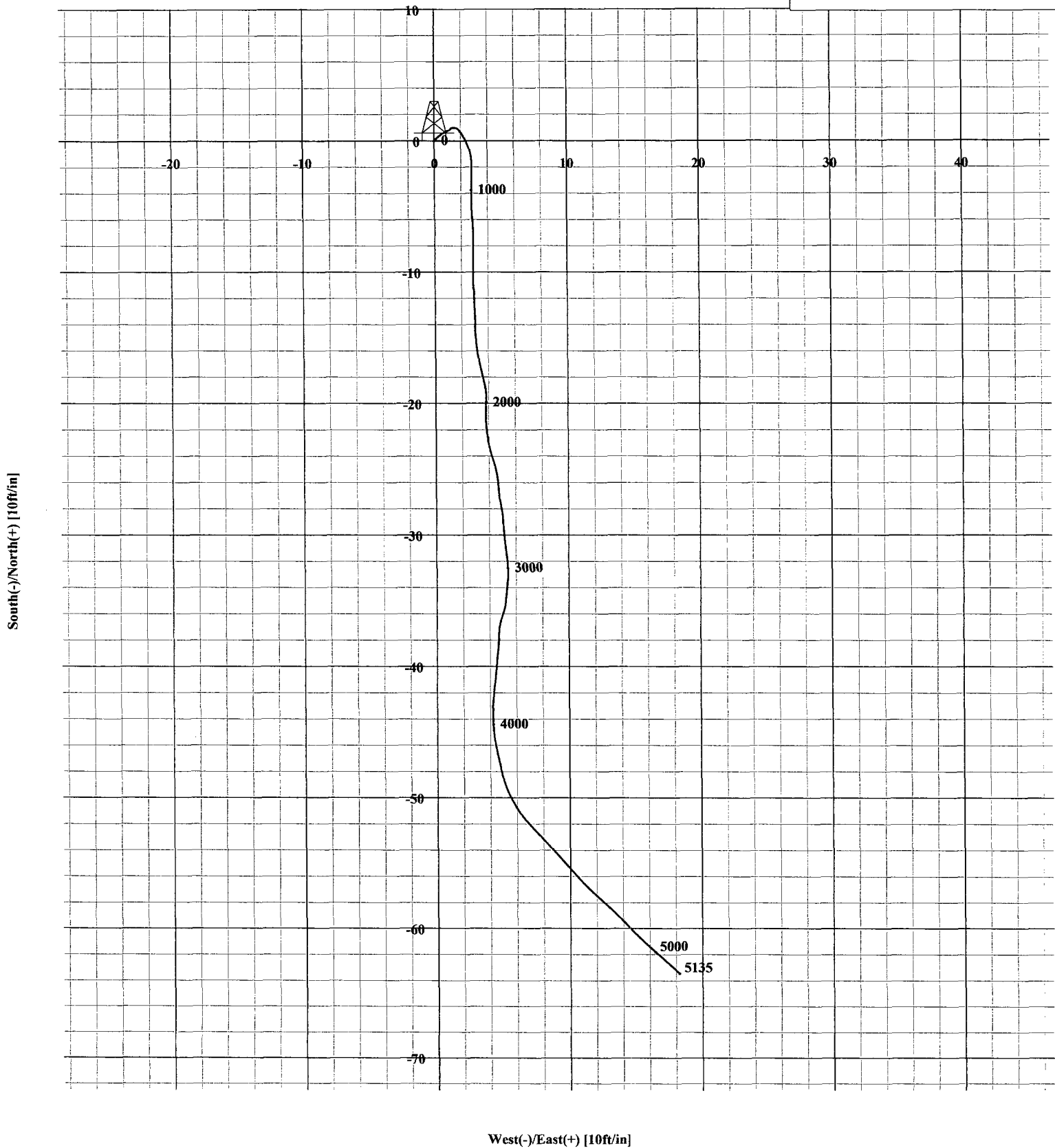
Scientific
Drilling

Field: Cottonwood Creek
Site: Eddy County, NM
Well: Canadian 6 State #1
Wellpath: VH - Job #32K0506357
Survey: 05/03/06

G/TAM

Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0.1
Dip Angle: 0.00°
Date: 06/20/2006
Model: igr2000





INTEQ

2105 market Street Midland, TX 79703 Ph. (432)694-9517 Fax. (432)694-5648

Survey Report

Devon Energy

Canadian 6 State #1

Eddy County, NM

MWD

**Prepared By Oscar Gomez
Saturday, May 20, 2006**

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00
100.00	0.30	40.30	100.00	0.20 N	0.17 E	0.30	-0.20
200.00	0.26	57.06	200.00	0.52 N	0.53 E	0.09	-0.52
300.00	0.33	68.19	300.00	0.75 N	0.99 E	0.09	-0.75
400.00	0.08	1.17	400.00	0.93 N	1.26 E	0.31	-0.93
500.00	0.23	89.54	500.00	1.00 N	1.46 E	0.24	-1.00
600.00	0.16	128.33	600.00	0.92 N	1.77 E	0.15	-0.92
700.00	0.57	146.95	699.99	0.41 N	2.15 E	0.42	-0.41
800.00	0.72	161.73	799.99	0.60 S	2.62 E	0.22	0.60
900.00	1.03	181.09	899.98	2.10 S	2.80 E	0.42	2.10
1000.00	0.86	180.69	999.96	3.75 S	2.77 E	0.17	3.75
1100.00	0.92	177.18	1099.95	5.30 S	2.80 E	0.08	5.30
1200.00	0.99	178.59	1199.94	6.96 S	2.86 E	0.07	6.96
1300.00	1.01	180.04	1299.92	8.71 S	2.88 E	0.03	8.71
1400.00	0.92	180.82	1399.91	10.39 S	2.87 E	0.09	10.39
1500.00	0.87	175.68	1499.89	11.95 S	2.92 E	0.09	11.95
1600.00	1.04	179.64	1599.88	13.62 S	2.98 E	0.18	13.62
1700.00	1.04	173.55	1699.86	15.43 S	3.09 E	0.11	15.43
1800.00	0.81	168.73	1799.85	17.02 S	3.33 E	0.24	17.02
1900.00	0.86	165.61	1899.84	18.44 S	3.65 E	0.07	18.44
2000.00	0.85	183.54	1999.83	19.91 S	3.79 E	0.27	19.91
2100.00	0.93	177.70	2099.82	21.46 S	3.78 E	0.12	21.46
2200.00	0.78	169.49	2199.81	22.94 S	3.94 E	0.19	22.94
2300.00	0.72	161.09	2299.80	24.20 S	4.26 E	0.13	24.20
2400.00	0.69	169.11	2399.79	25.39 S	4.58 E	0.10	25.39
2500.00	0.72	177.43	2499.78	26.61 S	4.72 E	0.11	26.61
2600.00	0.67	168.60	2599.78	27.81 S	4.87 E	0.12	27.81
2700.00	0.61	176.03	2699.77	28.91 S	5.02 E	0.10	28.91
2800.00	0.62	174.47	2799.76	29.98 S	5.11 E	0.02	29.98
2900.00	0.79	171.94	2899.76	31.20 S	5.26 E	0.17	31.20
3000.00	0.69	178.28	2999.75	32.49 S	5.37 E	0.13	32.49
3100.00	0.64	187.44	3099.74	33.64 S	5.32 E	0.12	33.64
3200.00	0.66	181.89	3199.73	34.77 S	5.23 E	0.07	34.77
3300.00	0.68	199.59	3299.73	35.91 S	5.01 E	0.21	35.91
3400.00	0.62	188.95	3399.72	37.00 S	4.72 E	0.13	37.00
3500.00	0.61	181.29	3499.72	38.07 S	4.63 E	0.08	38.07
3600.00	0.74	186.62	3599.71	39.24 S	4.54 E	0.14	39.24
3700.00	0.63	183.36	3699.70	40.43 S	4.44 E	0.12	40.43
3800.00	0.77	188.09	3799.69	41.65 S	4.31 E	0.15	41.65
3900.00	0.72	181.57	3899.69	42.94 S	4.20 E	0.10	42.94
4000.00	0.97	178.13	3999.67	44.41 S	4.21 E	0.25	44.41
4100.00	1.09	167.61	4099.66	46.19 S	4.44 E	0.22	46.19
4200.00	1.20	167.92	4199.64	48.14 S	4.86 E	0.11	48.14
4300.00	1.31	152.30	4299.61	50.18 S	5.61 E	0.36	50.18
4400.00	1.43	136.49	4399.59	52.09 S	7.00 E	0.40	52.09
4459.00	1.80	142.80	4458.56	53.37 S	8.07 E	0.69	53.37
4491.00	2.60	159.60	4490.54	54.45 S	8.63 E	3.19	54.45
4523.00	4.80	170.50	4522.47	56.45 S	9.10 E	7.19	56.45
4555.00	8.10	174.10	4554.26	60.01 S	9.55 E	10.38	60.01
4586.00	11.40	171.90	4584.81	65.22 S	10.21 E	10.71	65.22

All data is in feet unless otherwise stated.
 Coordinates from structure and TVD from rotary table.
 Bottom hole distance is 3690.75 on azimuth 180.36 degrees from wellhead.
 Vertical section is from N 0.00 W 0.00 on azimuth 180.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
4618.00	15.30	170.90	4615.94	72.52 S	11.32 E	12.21	72.52
4650.00	19.60	171.20	4646.46	82.00 S	12.81 E	13.44	82.00
4682.00	24.00	172.60	4676.17	93.76 S	14.47 E	13.84	93.76
4713.00	28.00	174.40	4704.02	107.26 S	16.00 E	13.15	107.26
4745.00	32.20	177.90	4731.70	123.27 S	17.04 E	14.22	123.27
4777.00	36.50	180.40	4758.12	141.31 S	17.29 E	14.14	141.31
4809.00	41.00	181.10	4783.07	161.33 S	17.02 E	14.13	161.33
4840.00	45.00	180.70	4805.74	182.47 S	16.69 E	12.93	182.47
4872.00	48.70	180.70	4827.62	205.81 S	16.41 E	11.56	205.81
4904.00	52.10	181.10	4848.01	230.46 S	16.02 E	10.67	230.46
4936.00	55.50	182.50	4866.91	256.26 S	15.20 E	11.20	256.26
4968.00	59.20	183.50	4884.17	283.17 S	13.78 E	11.86	283.17
4999.00	62.70	184.20	4899.22	310.20 S	11.96 E	11.46	310.20
5031.00	67.10	184.60	4912.79	339.09 S	9.74 E	13.80	339.09
5063.00	71.60	184.60	4924.07	368.93 S	7.34 E	14.06	368.93
5095.00	75.10	184.20	4933.24	399.49 S	4.99 E	11.00	399.49
5126.00	78.20	183.50	4940.40	429.58 S	2.96 E	10.24	429.58
5158.00	81.50	183.50	4946.04	461.02 S	1.04 E	10.31	461.02
5190.00	85.20	182.80	4949.74	492.75 S	0.71 W	11.76	492.75
5222.00	87.40	181.10	4951.81	524.66 S	1.79 W	8.68	524.66
5228.00	87.60	180.70	4952.07	530.65 S	1.89 W	7.45	530.65
5260.00	88.70	180.70	4953.10	562.63 S	2.28 W	3.44	562.63
5292.00	90.40	180.00	4953.35	594.63 S	2.47 W	5.75	594.63
5324.00	91.30	180.00	4952.88	626.63 S	2.47 W	2.81	626.63
5355.00	91.50	179.70	4952.12	657.62 S	2.39 W	1.16	657.62
5387.00	91.70	180.00	4951.23	689.60 S	2.31 W	1.13	689.60
5419.00	91.70	179.70	4950.28	721.59 S	2.22 W	0.94	721.59
5451.00	90.70	179.70	4949.61	753.58 S	2.06 W	3.13	753.58
5482.00	90.70	179.30	4949.23	784.58 S	1.79 W	1.29	784.58
5514.00	91.10	179.70	4948.73	816.57 S	1.51 W	1.77	816.57
5546.00	91.60	179.70	4947.97	848.56 S	1.34 W	1.56	848.56
5578.00	91.40	179.30	4947.14	880.55 S	1.06 W	1.40	880.55
5610.00	91.20	179.00	4946.41	912.54 S	0.58 W	1.13	912.54
5641.00	89.70	179.00	4946.17	943.53 S	0.04 W	4.84	943.53
5673.00	89.20	179.00	4946.47	975.53 S	0.51 E	1.56	975.53
5705.00	89.70	178.60	4946.78	1007.52 S	1.18 E	2.00	1007.52
5737.00	90.00	179.00	4946.86	1039.51 S	1.85 E	1.56	1039.51
5768.00	89.40	179.70	4947.03	1070.51 S	2.21 E	2.97	1070.51
5800.00	89.60	179.70	4947.31	1102.51 S	2.37 E	0.63	1102.51
5832.00	90.30	179.70	4947.33	1134.50 S	2.54 E	2.19	1134.50
5864.00	90.40	179.70	4947.14	1166.50 S	2.71 E	0.31	1166.50
5895.00	89.40	179.70	4947.19	1197.50 S	2.87 E	3.23	1197.50
5927.00	89.10	180.00	4947.61	1229.50 S	2.96 E	1.33	1229.50
5959.00	89.10	179.70	4948.11	1261.50 S	3.04 E	0.94	1261.50
5991.00	89.30	180.00	4948.56	1293.49 S	3.12 E	1.13	1293.49
6015.00	89.40	179.70	4948.83	1317.49 S	3.19 E	1.32	1317.49
6047.00	89.60	179.70	4949.11	1349.49 S	3.35 E	0.63	1349.49
6079.00	89.20	179.00	4949.45	1381.48 S	3.72 E	2.52	1381.48
6111.00	89.50	179.70	4949.81	1413.48 S	4.08 E	2.38	1413.48
6143.00	89.90	180.00	4949.98	1445.48 S	4.16 E	1.56	1445.48

All data is in feet unless otherwise stated.
 Coordinates from structure and TVD from rotary table.
 Bottom hole distance is 3690.75 on azimuth 180.36 degrees from wellhead.
 Vertical section is from N 0.00 W 0.00 on azimuth 180.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

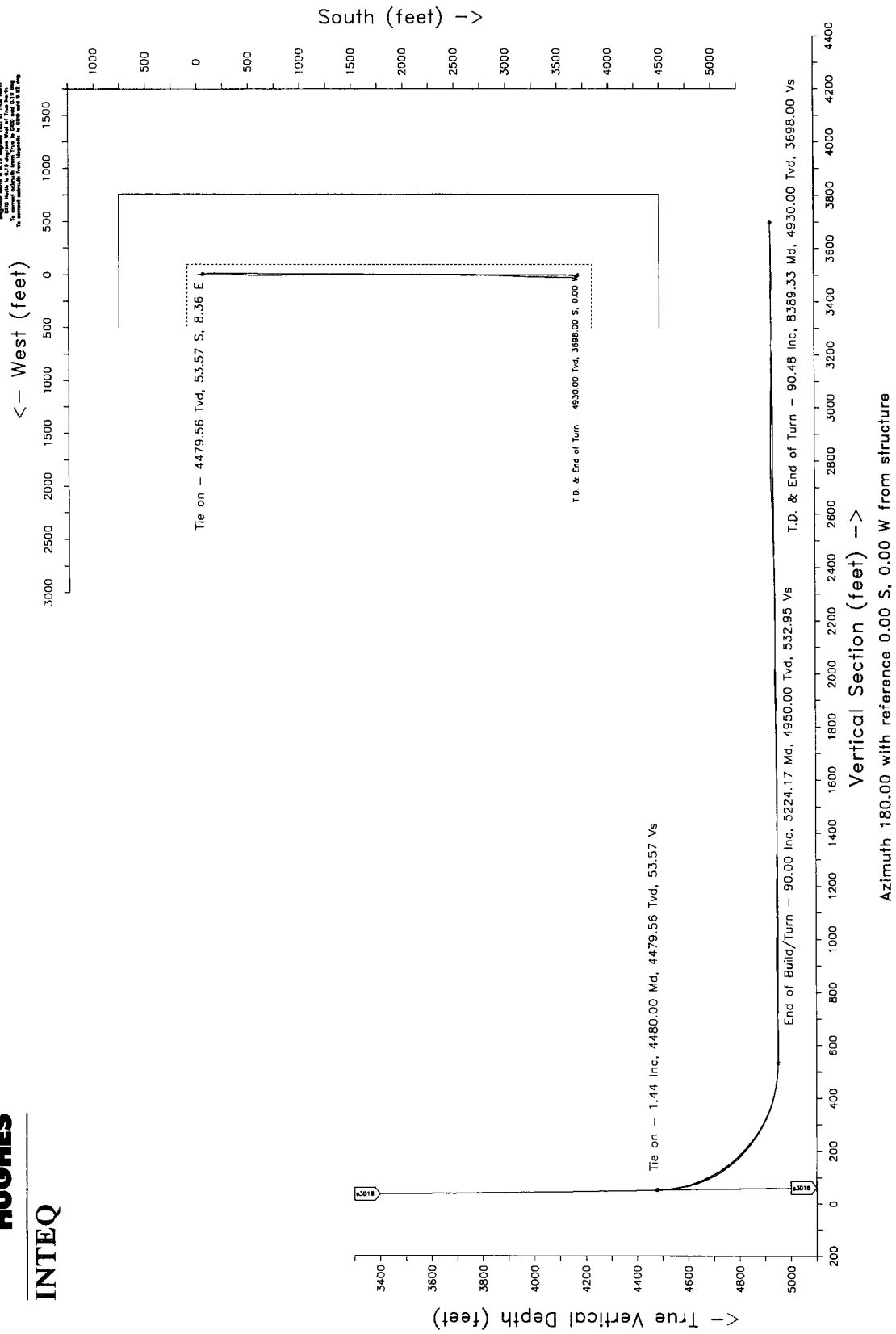
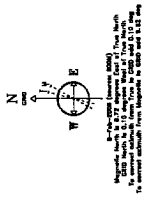
Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
6207.00	90.70	180.70	4949.64	1509.48 S	3.77 E	1.66	1509.48
6238.00	90.60	180.40	4949.29	1540.47 S	3.47 E	1.02	1540.47
6302.00	90.10	179.00	4948.90	1604.47 S	3.81 E	2.32	1604.47
6365.00	90.50	179.70	4948.57	1667.46 S	4.52 E	1.28	1667.46
6428.00	91.10	180.00	4947.69	1730.46 S	4.69 E	1.06	1730.46
6492.00	91.10	179.00	4946.46	1794.44 S	5.25 E	1.56	1794.44
6556.00	91.80	179.30	4944.84	1858.41 S	6.20 E	1.19	1858.41
6620.00	91.40	180.00	4943.06	1922.39 S	6.59 E	1.26	1922.39
6684.00	89.70	180.70	4942.44	1986.38 S	6.20 E	2.87	1986.38
6747.00	88.90	180.00	4943.21	2049.37 S	5.81 E	1.69	2049.37
6810.00	89.30	180.40	4944.20	2112.37 S	5.59 E	0.90	2112.37
6874.00	90.10	180.40	4944.54	2176.36 S	5.14 E	1.25	2176.36
6938.00	89.90	180.40	4944.54	2240.36 S	4.70 E	0.31	2240.36
7001.00	91.00	180.70	4944.04	2303.36 S	4.09 E	1.81	2303.36
7065.00	91.20	180.40	4942.81	2367.34 S	3.48 E	0.56	2367.34
7129.00	92.30	181.10	4940.86	2431.30 S	2.64 E	2.04	2431.30
7193.00	91.50	180.40	4938.74	2495.26 S	1.80 E	1.66	2495.26
7257.00	91.70	180.40	4936.95	2559.24 S	1.36 E	0.31	2559.24
7320.00	92.30	180.00	4934.75	2622.20 S	1.14 E	1.14	2622.20
7384.00	91.90	179.70	4932.41	2686.15 S	1.31 E	0.78	2686.15
7447.00	91.70	180.00	4930.43	2749.12 S	1.47 E	0.57	2749.12
7510.00	90.30	180.70	4929.33	2812.11 S	1.09 E	2.48	2812.11
7573.00	88.90	182.10	4929.77	2875.09 S	0.45 W	3.14	2875.09
7637.00	89.60	182.10	4930.60	2939.04 S	2.80 W	1.09	2939.04
7700.00	89.40	182.10	4931.15	3001.99 S	5.11 W	0.32	3001.99
7764.00	89.30	181.10	4931.88	3065.96 S	6.89 W	1.57	3065.96
7828.00	90.30	182.10	4932.10	3129.93 S	8.68 W	2.21	3129.93
7891.00	88.50	182.50	4932.76	3192.88 S	11.21 W	2.93	3192.88
7955.00	89.20	181.50	4934.05	3256.82 S	13.44 W	1.91	3256.82
8019.00	90.20	181.40	4934.38	3320.80 S	15.06 W	1.57	3320.80
8082.00	89.80	181.80	4934.38	3383.78 S	16.82 W	0.90	3383.78
8146.00	89.70	181.10	4934.66	3447.76 S	18.44 W	1.10	3447.76
8209.00	90.30	181.10	4934.66	3510.74 S	19.65 W	0.95	3510.74
8273.00	90.90	181.10	4933.99	3574.73 S	20.88 W	0.94	3574.73
8339.00	91.40	181.10	4932.67	3640.70 S	22.14 W	0.76	3640.70
8389.00	91.80	181.10	4931.27	3690.67 S	23.10 W	0.80	3690.67

All data is in feet unless otherwise stated.
 Coordinates from structure and TVD from rotary table.
 Bottom hole distance is 3690.75 on azimuth 180.36 degrees from wellhead.
 Vertical section is from N 0.00 W 0.00 on azimuth 180.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ



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DEVON ENERGY	
Structure : Canadian 6 State #1	Slot : slot #1
Field :	Location : Eddy County New Mexico



Vertical Section (feet) ->

South (feet) ->

True Vertical Depth (feet)

Azimuth 180.00 with reference 0.00 S, 0.00 W from structure