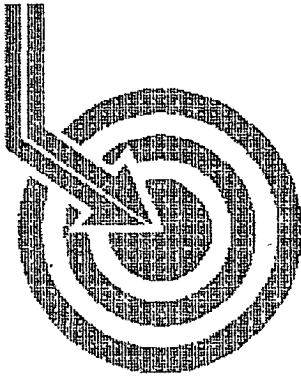


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Scientific Drilling

DEVON ENERGY

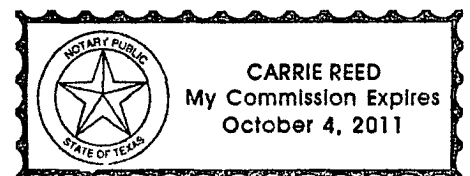
Field: Wolfcamp
Site: Eddy County, NM
Well: Shakespeare 20 Federal #3H
Wellpath: VH - Job #32K1209548
Survey: 12/08/09

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

.....*Hubert*..... Company Representative

Notorized this date 3/50 of December, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: DEVON ENERGY	Date: 12/09/2009	Time: 13:33:22	Page: 1
Field: Wolfcamp	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Shakespeare 20 Federal #3H	Section (VS) Reference:	Well (0.00N,0.00E,91.11Azi)	
Wellpath: VH - Job #32K1209548	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 12/08/09	Start Date: 12/08/2009
Company: Scientific Drilling Internatio	Engineer: Melendez w/Rotary
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	359.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.20	248.92	100.00	-0.16	-0.06	-0.16	0.20	0.17	248.92
200.00	0.20	71.56	200.00	-0.16	-0.07	-0.16	0.40	0.17	246.29
300.00	0.15	58.03	300.00	0.12	0.05	0.12	0.06	0.13	65.06
400.00	0.27	70.86	400.00	0.45	0.20	0.45	0.13	0.49	65.97
500.00	0.50	63.14	500.00	1.05	0.48	1.06	0.24	1.16	65.90
600.00	0.23	51.26	599.99	1.59	0.80	1.61	0.28	1.79	63.61
700.00	0.36	52.84	699.99	1.99	1.11	2.01	0.13	2.30	61.08
800.00	0.30	43.38	799.99	2.42	1.49	2.44	0.08	2.86	58.58
900.00	0.25	43.23	899.99	2.74	1.84	2.77	0.05	3.33	56.41
1000.00	0.18	359.04	999.99	2.88	2.16	2.92	0.17	3.63	53.54
1100.00	0.27	358.19	1099.99	2.86	2.55	2.91	0.09	3.87	48.77
1200.00	0.23	349.73	1199.99	2.81	2.98	2.87	0.05	4.14	43.86
1300.00	0.25	357.89	1299.99	2.76	3.40	2.82	0.04	4.42	39.71
1400.00	0.23	7.36	1399.99	2.77	3.82	2.84	0.04	4.76	36.67
1500.00	0.22	22.62	1499.98	2.86	4.19	2.94	0.06	5.12	35.05
1600.00	0.23	13.39	1599.98	2.97	4.57	3.06	0.04	5.50	33.84
1700.00	0.29	352.17	1699.98	2.98	5.01	3.07	0.11	5.88	31.52
1800.00	0.32	340.76	1799.98	2.84	5.53	2.95	0.07	6.26	28.07
1900.00	0.47	340.03	1899.98	2.59	6.17	2.71	0.15	6.75	23.73
2000.00	0.45	338.15	1999.98	2.29	6.92	2.43	0.03	7.34	19.33
2100.00	0.39	335.74	2099.97	1.99	7.60	2.14	0.06	7.90	15.74
2200.00	0.34	342.13	2199.97	1.75	8.19	1.91	0.06	8.41	13.13
2300.00	0.30	346.44	2299.97	1.59	8.73	1.76	0.05	8.90	11.39
2400.00	0.36	339.59	2399.97	1.41	9.28	1.59	0.07	9.41	9.71
2500.00	0.35	352.43	2499.97	1.25	9.88	1.44	0.08	9.98	8.29
2600.00	0.40	346.03	2599.96	1.11	10.52	1.31	0.07	10.60	7.12
2700.00	0.36	355.70	2699.96	0.99	11.17	1.21	0.08	11.23	6.16
2800.00	0.46	1.55	2799.96	0.96	11.88	1.19	0.11	11.94	5.74
2900.00	0.49	337.73	2899.96	0.80	12.68	1.04	0.20	12.72	4.70
3000.00	0.35	330.17	2999.95	0.47	13.34	0.73	0.15	13.36	3.12
3100.00	0.41	314.51	3099.95	0.05	13.86	0.32	0.12	13.86	1.33
3200.00	0.42	347.52	3199.95	-0.29	14.47	-0.01	0.24	14.47	359.95
3300.00	0.31	332.54	3299.95	-0.51	15.06	-0.22	0.14	15.06	359.17
3400.00	0.19	287.61	3399.95	-0.80	15.35	-0.50	0.22	15.36	358.14
3500.00	0.18	287.57	3499.95	-1.11	15.45	-0.81	0.01	15.47	357.01
3600.00	0.49	267.45	3599.94	-1.68	15.48	-1.38	0.33	15.54	354.89
3700.00	0.58	275.57	3699.94	-2.62	15.51	-2.32	0.12	15.68	351.51
3800.00	0.60	287.93	3799.93	-3.62	15.72	-3.32	0.13	16.07	348.08
3900.00	0.47	280.41	3899.93	-4.53	15.96	-4.22	0.15	16.50	345.19
4000.00	0.50	282.92	3999.93	-5.36	16.13	-5.05	0.04	16.90	342.62
4100.00	0.54	274.99	4099.92	-6.26	16.27	-5.94	0.08	17.32	339.93
4200.00	0.62	275.22	4199.92	-7.27	16.36	-6.95	0.08	17.77	336.98
4300.00	0.60	272.03	4299.91	-8.33	16.42	-8.01	0.04	18.27	333.99
4400.00	0.59	275.27	4399.91	-9.37	16.49	-9.05	0.04	18.81	331.24
4500.00	0.55	269.53	4499.90	-10.36	16.53	-10.04	0.07	19.34	328.73
4600.00	0.56	271.04	4599.90	-11.33	16.54	-11.01	0.02	19.87	326.35
4700.00	0.57	265.77	4699.89	-12.31	16.51	-11.99	0.05	20.41	324.00
4800.00	0.52	260.47	4799.89	-13.25	16.40	-12.94	0.07	20.89	321.73



Scientific Drilling International Survey Report

Company: DEVON ENERGY Date: 12/09/2009 Time: 13.33:22 Page: 2
Field: Wolfcamp Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Site: Eddy County, NM Vertical (TVD) Reference: SITE 0.0
Well: Shakespeare 20 Federal #3H Section (VS) Reference: Well (0.00N,0.00E,91.11Azi)
Wellpath: VH - Job #32K1209548 Survey Calculation Method: Minimum Curvature Db: Sybase

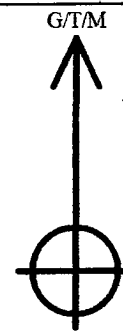
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.53	253.06	4899.88	-14.14	16.19	-13.83	0.07	21.29	319.50
5000.00	0.62	245.87	4999.88	-15.07	15.83	-14.76	0.12	21.65	317.00
5100.00	0.74	264.90	5099.87	-16.20	15.55	-15.90	0.25	22.24	314.37
5200.00	0.41	264.54	5199.87	-17.20	15.46	-16.90	0.33	22.91	312.46
5300.00	0.26	183.93	5299.86	-17.56	15.20	-17.27	0.45	23.01	311.35
5400.00	0.33	157.98	5399.86	-17.46	14.71	-17.18	0.15	22.62	310.57
5500.00	0.26	163.22	5499.86	-17.28	14.22	-17.01	0.07	22.17	309.91
5600.00	0.44	173.87	5599.86	-17.16	13.63	-16.90	0.19	21.71	308.88
5700.00	0.51	133.74	5699.86	-16.78	12.94	-16.54	0.33	21.00	308.03
5800.00	0.79	115.82	5799.85	-15.83	12.33	-15.60	0.34	19.88	308.33
5820.00	0.96	110.25	5819.85	-15.55	12.21	-15.31	0.95	19.59	308.57



Scientific
Drilling

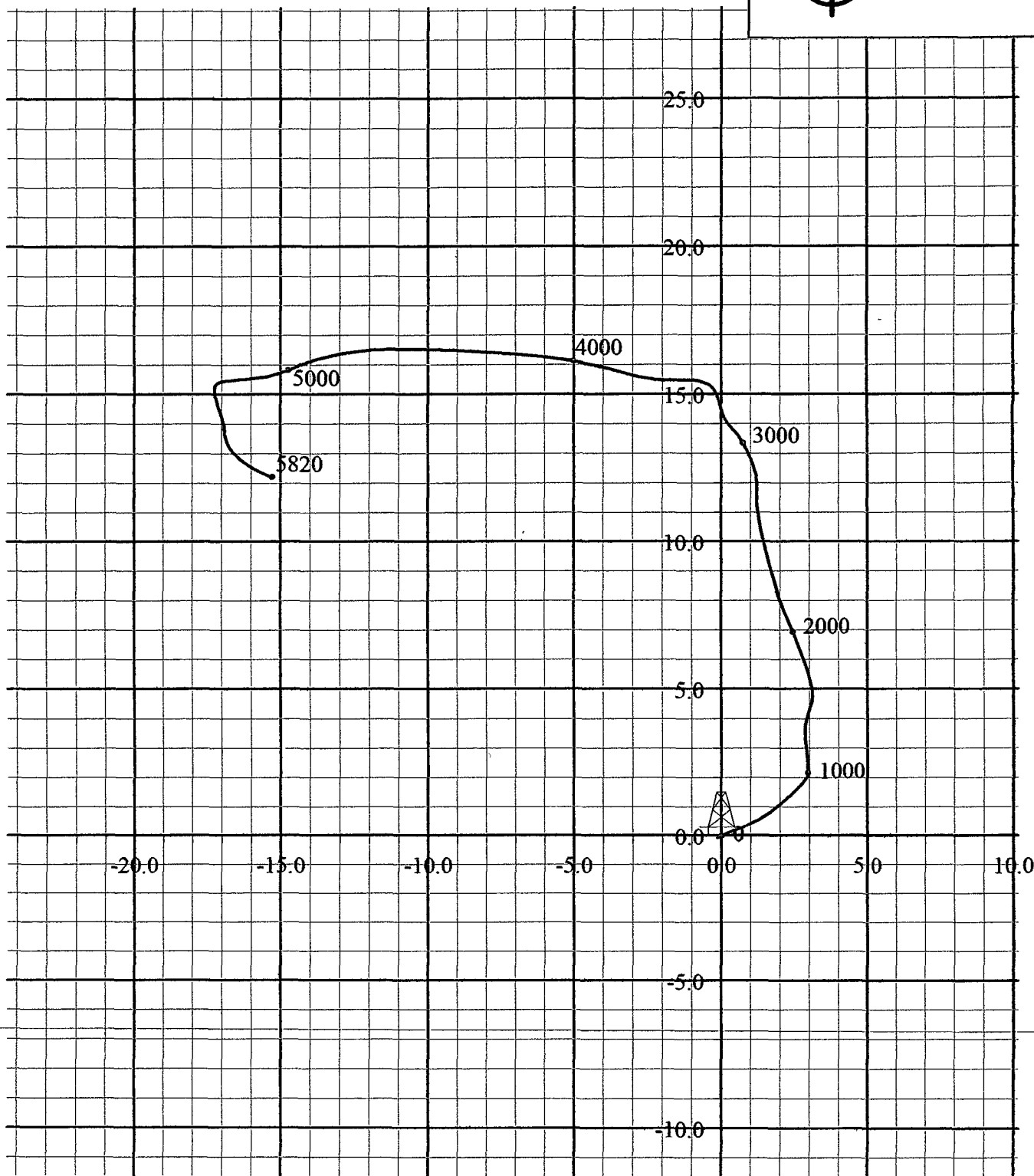
Field: Wolfcamp
Site: Eddy County, NM
Well: Shakespeare 20 Federal #3H
Wellpath: VH - Job #32K1209548
Survey: 12/08/09



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/09/2009
Model: igrf2000

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]