

DEVON ENERGY

Wildcat (Lea County, NM)

Lea County, NM

Trionyx "6" Federal #1H

VH - Job #32K0811757

Survey: Survey #1

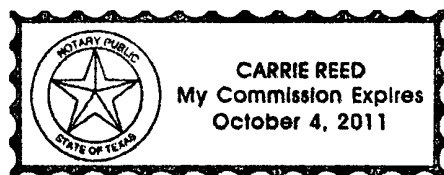
SDI Standard Survey Report

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

Notarized this date 27th of September, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Project		Wildcat (Lea County, NM)	
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Lea County, NM			
Site Position:		Northing:	419,798 73 usft	Latitude:	32° 9' 9 565 N
From:	Lat/Long	Easting:	689,831 11 usft	Longitude:	103° 43' 11 824 W
Position Uncertainty:	0 0 usft	Slot Radius:	0"	Grid Convergence:	0.33 °

Well:	Trionyx "6" Federal #1H, Directional (Weatherford)					
Well Position	+N-S	0 0 usft	Northing:	419,798 73 usft	Latitude:	32° 9' 9 565 N
	+E-W	0 0 usft	Easting:	689,831 11 usft	Longitude:	103° 43' 11 824 W
Position Uncertainty		0 0 usft	Wellhead Elevation:	usft	Ground Level:	0 0 usft

Wellbore		VH - Job #32K0811757			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/9/2011	7 63	60 09	48,568

Design:	VH - Job #32K0811757			
Audit Notes:				
Version:	1 0	Phase:	ACTUAL	Tie On Depth: 0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0 0	0 0	0 0	353 01

Survey Program		Date	10/19/2011		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25 0	13,750 6	Survey #1 (VH - Job #32K0811757)	Keeper	Keeper Gyro	

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)				
0 0	0 00	0 00	0 0	0 0	0 0	0 00	0 0				
25 0	0 09	6 92	25 0	0 0	0 0	6 92	0 0				
50 0	0 18	6 92	50 0	0 1	0 0	6 92	0 1				
75 0	0 28	6 92	75 0	0 2	0 0	6 92	0 2				
100 0	0 37	6 92	100 0	0 3	0 0	6 92	0 3				
125 0	0 37	17 84	125 0	0 5	0 1	8 74	0 5				
150 0	0 40	13 30	150 0	0 6	0 1	10 48	0 6				
175 0	0 38	14 13	175 0	0 8	0 2	11 15	0 8				
200 0	0 45	354 36	200 0	1 0	0 2	9 77	1 0				
225 0	0 47	354 68	225 0	1 2	0 1	7 23	1 2				
250 0	0 58	356 30	250 0	1 4	0 1	5 35	1 4				
275 0	0 62	8 65	275 0	1 7	0 1	4 94	1 7				

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Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
300 0	0 59	16 49	300 0	1 9	0 2	5 96	1 9	
325 0	0 42	21 97	325 0	2 1	0 3	7 26	2 2	
350 0	0 36	342 96	350 0	2 3	0 3	7 03	2 3	
375 0	0 30	346 14	375 0	2 4	0 2	5 74	2 4	
400 0	0 30	349 98	400 0	2 6	0 2	4 85	2 6	
425 0	0 39	1 93	425 0	2 7	0 2	4 41	2 7	
450 0	0 43	11 08	450 0	2 9	0 2	4 55	2 9	
475 0	0 43	13 37	475 0	3 1	0 3	5 01	3 1	
500 0	0 41	19 98	500 0	3 2	0 3	5 66	3 3	
525 0	0 44	38 81	525 0	3 4	0 4	6 91	3 4	
550 0	0 51	47 11	550 0	3 6	0 6	8 86	3 6	
575 0	0 58	56 84	575 0	3 7	0 7	11 33	3 8	
600 0	0 63	59 79	600 0	3 8	1 0	14 13	4 0	
625 0	0 65	66 81	625 0	4 0	1 2	17 05	4 1	
650 0	0 64	76 16	650 0	4 1	1 5	20 08	4 3	
675 0	0 51	75 97	675 0	4 1	1 7	22 75	4 5	
700 0	0 52	79 88	700 0	4 2	1 9	25 05	4 6	
725 0	0 54	80 02	725 0	4 2	2 2	27 34	4 7	
750 0	0 49	78 33	750 0	4 2	2 4	29 42	4 9	
775 0	0 44	65 71	775 0	4 3	2 6	30 99	5 0	
800 0	0 49	57 01	800 0	4 4	2 8	32 11	5 2	
825 0	0 56	56 92	825 0	4 5	3 0	33 13	5 4	
850 0	0 61	57 66	850 0	4 7	3 2	34 19	5 6	
875 0	0 70	66 54	875 0	4 8	3 4	35 50	5 9	
900 0	0 59	80 78	900 0	4 9	3 7	37 10	6 1	
925 0	0 64	75 38	925 0	4 9	4 0	38 69	6 3	
950 0	0 81	66 43	950 0	5 0	4 2	40 13	6 6	
975 0	0 89	67 13	975 0	5 2	4 6	41 51	6 9	
1,000 0	0 95	68 48	1,000 0	5 3	5 0	42 91	7 3	
1,025 0	0 99	77 53	1,025 0	5 5	5 4	44 49	7 7	
1,050 0	1 00	76 06	1,050 0	5 6	5 8	46 15	8 0	
1,075 0	1 02	77 32	1,074 9	5 7	6 2	47 68	8 4	
1,100 0	0 97	78 74	1,099 9	5 8	6 6	49 11	8 8	
1,125 0	0 91	80 36	1,124 9	5 8	7 0	50 41	9 1	
1,150 0	0 89	80 55	1,149 9	5 9	7 4	51 60	9 5	
1,175 0	0 85	80 13	1,174 9	6 0	7 8	52 66	9 8	
1,200 0	0 82	78 65	1,199 9	6 0	8 2	53 59	10 1	
1,225 0	0 84	78 86	1,224 9	6 1	8 5	54 43	10 5	
1,250 0	0 77	78 97	1,249 9	6 2	8 9	55 20	10 8	
1,275 0	0 75	78 67	1,274 9	6 2	9 2	55 89	11 1	
1,300 0	0 74	80 36	1,299 9	6 3	9 5	56 54	11 4	
1,325 0	0 73	79 68	1,324 9	6 3	9 8	57 17	11 7	
1,350 0	0 61	76 64	1,349 9	6 4	10 1	57 68	12 0	
1,375 0	0 61	72 18	1,374 9	6 5	10 4	58 03	12 2	

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Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
1,400 0	0 62	67 93	1,399 9	6 6	10 6	58 29	12 5	
1,425 0	0 61	64 85	1,424 9	6 7	10 9	58 46	12 7	
1,450 0	0 69	59 96	1,449 9	6 8	11 1	58 54	13 0	
1,475 0	0 79	73 46	1,474 9	6 9	11 4	58 75	13 3	
1,500 0	0 57	76 50	1,499 9	7 0	11 7	59 09	13 6	
1,525 0	0 46	66 20	1,524 9	7 1	11 9	59 30	13 9	
1,550 0	0 51	62 61	1,549 9	7 2	12 1	59 37	14 1	
1,575 0	0 55	54 64	1,574 9	7 3	12 3	59 36	14 3	
1,600 0	0 69	69 98	1,599 9	7 4	12 5	59 43	14 6	
1,625 0	0 51	81 21	1,624 9	7 5	12 8	59 70	14 8	
1,650 0	0 45	68 85	1,649 9	7 5	13 0	59 91	15 0	
1,675 0	0 44	56 73	1,674 9	7 6	13 2	59 95	15 2	
1,700 0	0 45	51 18	1,699 9	7 7	13 3	59 87	15 4	
1,725 0	0 55	65 80	1,724 9	7 8	13 5	59 86	15 6	
1,750 0	0 41	82 08	1,749 9	7 9	13 7	60 03	15 8	
1,775 0	0 34	81 82	1,774 9	7 9	13 9	60 25	16 0	
1,800 0	0 32	77 72	1,799 9	7 9	14 0	60 42	16 1	
1,825 0	0 25	74 96	1,824 9	8 0	14 1	60 54	16 2	
1,850 0	0 28	69 81	1,849 9	8 0	14 2	60 63	16 3	
1,875 0	0 15	72 45	1,874 9	8 0	14 3	60 68	16 4	
1,900 0	0 11	78 01	1,899 9	8 1	14 4	60 73	16 5	
1,925 0	0 07	103 01	1,924 9	8 1	14 4	60 79	16 5	
1,950 0	0 06	107 92	1,949 9	8 1	14 4	60 86	16 5	
1,975 0	0 01	72 74	1,974 9	8 0	14 5	60 89	16 5	
2,000 0	0 09	13 97	1,999 9	8 1	14 5	60 85	16 6	
2,025 0	0 21	56 94	2,024 9	8 1	14 5	60 79	16 6	
2,050 0	0 05	102 32	2,049 9	8 1	14 6	60 80	16 7	
2,075 0	0 19	30 78	2,074 9	8 2	14 6	60 75	16 7	
2,100 0	0 20	48 08	2,099 9	8 2	14 6	60 65	16 8	
2,125 0	0 30	75 31	2,124 9	8 3	14 7	60 68	16 9	
2,150 0	0 30	95 34	2,149 9	8 3	14 9	60 86	17 0	
2,175 0	0 29	99 75	2,174 9	8 3	15 0	61 11	17 1	
2,200 0	0 30	109 05	2,199 9	8 2	15 1	61 41	17 2	
2,225 0	0 22	125 94	2,224 9	8 2	15 2	61 71	17 3	
2,250 0	0 17	86 64	2,249 9	8 2	15 3	61 90	17 3	
2,275 0	0 43	90 83	2,274 9	8 2	15 4	62 10	17 5	
2,300 0	0 60	95 89	2,299 9	8 2	15 7	62 49	17 6	
2,325 0	0 56	107 10	2,324 9	8 1	15 9	62 99	17 8	
2,350 0	0 46	118 09	2,349 9	8 0	16 1	63 53	18 0	
2,375 0	0 37	107 18	2,374 9	7 9	16 3	63 96	18 1	
2,400 0	0 38	89 11	2,399 9	7 9	16 4	64 25	18 2	
2,425 0	0 50	88 51	2,424 9	7 9	16 6	64 49	18 4	
2,450 0	0 65	91 26	2,449 9	7 9	16 9	64 83	18 6	
2,475 0	0 73	101 13	2,474 9	7 9	17 2	65 30	18 9	

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Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
2,500 0	0 71	110 21	2,499 9	7 8	17 5	65 91	19 1	
2,525 0	0 58	106 44	2,524 9	7 7	17 7	66 47	19 3	
2,550 0	0 57	100 68	2,549 9	7 7	18 0	66 92	19 5	
2,575 0	0 58	97 43	2,574 9	7 6	18 2	67 30	19 8	
2,600 0	0 64	91 71	2,599 9	7 6	18 5	67 65	20 0	
2,625 0	0 67	92 33	2,624 9	7 6	18 8	67 99	20 3	
2,650 0	0 73	92 89	2,649 9	7 6	19 1	68 34	20 5	
2,675 0	0 69	94 96	2,674 9	7 6	19 4	68 71	20 8	
2,700 0	0 77	96 46	2,699 9	7 5	19 7	69 10	21 1	
2,725 0	0 85	100 30	2,724 9	7 5	20 1	69 57	21 4	
2,750 0	0 92	103 98	2,749 9	7 4	20 4	70 11	21 7	
2,775 0	0 74	111 46	2,774 9	7 3	20 8	70 68	22 0	
2,800 0	0 72	109 18	2,799 9	7 2	21 1	71 21	22 3	
2,825 0	0 63	114 27	2,824 9	7 1	21 4	71 69	22 5	
2,850 0	0 49	116 12	2,849 9	7 0	21 6	72 12	22 7	
2,875 0	0 37	112 77	2,874 9	6 9	21 7	72 43	22 8	
2,900 0	0 29	103 99	2,899 9	6 8	21 9	72 65	22 9	
2,925 0	0 27	100 05	2,924 9	6 8	22 0	72 80	23 0	
2,950 0	0 24	115 67	2,949 9	6 8	22 1	72 95	23 1	
2,975 0	0 18	111 07	2,974 9	6 7	22 2	73 10	23 2	
3,000 0	0 11	96 64	2,999 9	6 7	22 3	73 18	23 2	
3,025 0	0 17	46 14	3,024 9	6 7	22 3	73 16	23 3	
3,050 0	0 19	38 49	3,049 9	6 8	22 4	73 07	23 4	
3,075 0	0 23	51 14	3,074 9	6 9	22 4	72 96	23 4	
3,100 0	0 30	76 17	3,099 9	6 9	22 5	72 93	23 6	
3,125 0	0 22	85 83	3,124 9	6 9	22 6	72 96	23 7	
3,150 0	0 22	24 16	3,149 9	7 0	22 7	72 90	23 8	
3,175 0	0 35	17 85	3,174 9	7 1	22 7	72 66	23 8	
3,200 0	0 50	15 53	3,199 9	7 3	22 8	72 29	23 9	
3,225 0	0 65	17 40	3,224 9	7 5	22 9	71 80	24 1	
3,250 0	0 76	20 79	3,249 9	7 8	23 0	71 22	24 3	
3,275 0	0 79	25 57	3,274 8	8 1	23 1	70 64	24 5	
3,300 0	0 75	35 22	3,299 8	8 4	23 3	70 13	24 7	
3,325 0	0 58	33 35	3,324 8	8 6	23 4	69 74	25 0	
3,350 0	0 61	29 36	3,349 8	8 9	23 6	69 38	25 2	
3,375 0	0 59	16 19	3,374 8	9 1	23 7	68 95	25 4	
3,400 0	0 68	5 00	3,399 8	9 4	23 7	68 42	25 5	
3,425 0	0 75	359 49	3,424 8	9 7	23 7	67 78	25 6	
3,450 0	0 88	0 98	3,449 8	10 0	23 7	67 05	25 8	
3,475 0	0 74	7 07	3,474 8	10 4	23 8	66 36	25 9	
3,500 0	0 68	352 52	3,499 8	10 7	23 8	65 74	26 1	
3,525 0	0 85	352 16	3,524 8	11 0	23 7	65 04	26 2	
3,550 0	0 85	2 74	3,549 8	11 4	23 7	64 29	26 3	
3,575 0	0 69	4 43	3,574 8	11 7	23 7	63 66	26 5	
3,600 0	0 69	2 42	3,599 8	12 0	23 7	63 10	26 6	

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Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
3,625 0	0 64	6 57	3,624 8	12 3	23 8	62 57	26 8	
3,650 0	0 64	13 77	3,649 8	12 6	23 8	62 10	26 9	
3,675 0	0 69	26 77	3,674 8	12 9	23 9	61 69	27 2	
3,700 0	0 72	43 60	3,699 8	13 1	24 1	61 41	27 4	
3,725 0	0 74	56 15	3,724 8	13 3	24 3	61 28	27 7	
3,750 0	0 74	62 58	3,749 8	13 5	24 6	61 26	28 1	
3,775 0	0 73	77 00	3,774 8	13 6	24 9	61 35	28 4	
3,800 0	0 76	80 15	3,799 8	13 7	25 2	61 55	28 7	
3,825 0	0 75	79 36	3,824 8	13 7	25 5	61 75	29 0	
3,850 0	0 73	80 64	3,849 8	13 8	25 9	61 95	29 3	
3,875 0	0 81	79 70	3,874 8	13 8	26 2	62 15	29 6	
3,900 0	0 87	87 20	3,899 8	13 9	26 6	62 41	30 0	
3,925 0	0 99	94 12	3,924 8	13 9	27 0	62 77	30 3	
3,950 0	1 13	102 44	3,949 8	13 8	27 4	63 27	30 7	
3,975 0	1 33	112 91	3,974 8	13 6	27 9	63 97	31 1	
4,000 0	1 53	120 99	3,999 8	13 4	28 5	64 88	31 5	
4,025 0	1 74	126 44	4,024 8	13 0	29 1	65 98	31 8	
4,050 0	2 02	136 90	4,049 8	12 4	29 7	67 31	32 2	
4,075 0	2 19	139 73	4,074 7	11 7	30 3	68 84	32 5	
4,100 0	2 22	141 67	4,099 7	11 0	30 9	70 44	32 8	
4,125 0	2 16	142 73	4,124 7	10 2	31 5	72 01	33 1	
4,150 0	2 14	143 21	4,149 7	9 5	32 0	73 53	33 4	
4,175 0	2 12	143 27	4,174 7	8 7	32 6	75 01	33 8	
4,200 0	2 10	145 59	4,199 6	8 0	33 1	76 46	34 1	
4,225 0	2 01	148 18	4,224 6	7 2	33 6	77 86	34 4	
4,250 0	2 00	148 37	4,249 6	6 5	34 1	79 22	34 7	
4,275 0	1 91	149 00	4,274 6	5 8	34 5	80 53	35 0	
4,300 0	1 78	151 78	4,299 6	5 1	34 9	81 76	35 3	
4,325 0	1 69	153 32	4,324 6	4 4	35 3	82 91	35 6	
4,350 0	1 46	151 41	4,349 6	3 8	35 6	83 94	35 8	
4,375 0	1 19	149 78	4,374 6	3 3	35 9	84 78	36 0	
4,400 0	1 07	148 51	4,399 6	2 9	36 1	85 49	36 2	
4,425 0	1 07	144 91	4,424 6	2 5	36 4	86 13	36 5	
4,450 0	1 08	143 25	4,449 5	2 1	36 7	86 75	36 7	
4,475 0	1 08	141 65	4,474 5	1 7	37 0	87 35	37 0	
4,500 0	1 11	141 17	4,499 5	1 3	37 2	87 95	37 3	
4,525 0	1 08	143 36	4,524 5	1 0	37 5	88 54	37 6	
4,550 0	1 13	144 60	4,549 5	0 6	37 8	89 14	37 8	
4,575 0	1 11	144 94	4,574 5	0 2	38 1	89 75	38 1	
4,600 0	1 61	123 07	4,599 5	-0 2	38 5	90 33	38 5	
4,625 0	1 26	135 87	4,624 5	-0 6	39 0	90 90	39 0	
4,650 0	1 17	136 63	4,649 5	-1 0	39 4	91 44	39 4	
4,675 0	1 18	137 24	4,674 5	-1 4	39 7	91 97	39 8	
4,700 0	1 19	136 30	4,699 5	-1 7	40 1	92 49	40 1	

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Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
4,725 0	1 17	142 06	4,724 5	-2 1	40 4	93 02	40 5	
4,750 0	1 19	145 99	4,749 5	-2 5	40 7	93 58	40 8	
4,775 0	1 22	147 23	4,774 5	-3 0	41 0	94 17	41 1	
4,800 0	1 26	146 07	4,799 5	-3 4	41 3	94 76	41 5	
4,825 0	1 23	146 88	4,824 5	-3 9	41 6	95 34	41 8	
4,850 0	1 30	146 42	4,849 5	-4 4	41 9	95 93	42 1	
4,875 0	1 24	146 18	4,874 5	-4 8	42 2	96 50	42 5	
4,900 0	1 30	144 94	4,899 4	-5 3	42 5	97 06	42 9	
4,925 0	1 30	144 08	4,924 4	-5 7	42 9	97 62	43 3	
4,950 0	1 28	142 43	4,949 4	-6 2	43 2	98 15	43 7	
4,975 0	1 25	141 55	4,974 4	-6 6	43 6	98 64	44 1	
5,000 0	1 27	139 82	4,999 4	-7 0	43 9	99 12	44 5	
5,025 0	1 29	139 83	5,024 4	-7 5	44 3	99 58	44 9	
5,050 0	1 24	141 35	5,049 4	-7 9	44 6	100 04	45 3	
5,075 0	1 25	139 08	5,074 4	-8 3	45 0	100 48	45 7	
5,100 0	1 25	139 57	5,099 4	-8 7	45 3	100 90	46 1	
5,125 0	1 32	136 93	5,124 4	-9 1	45 7	101 32	46 6	
5,150 0	1 22	136 68	5,149 4	-9 6	46 1	101 71	47 0	
5,175 0	1 23	138 03	5,174 4	-9 9	46 4	102 09	47 5	
5,200 0	1 22	137 09	5,199 4	-10 3	46 8	102 46	47 9	
5,225 0	1 28	133 48	5,224 4	-10 7	47 2	102 81	48 4	
5,250 0	1 19	131 65	5,249 4	-11 1	47 6	103 12	48 8	
5,275 0	1 15	132 15	5,274 4	-11 4	47 9	103 41	49 3	
5,300 0	1 14	133 75	5,299 4	-11 8	48 3	103 69	49 7	
5,325 0	1 06	134 91	5,324 3	-12 1	48 7	103 97	50 1	
5,350 0	0 92	135 60	5,349 3	-12 4	49 0	104 23	50 5	
5,375 0	0 90	133 78	5,374 3	-12 7	49 2	104 45	50 9	
5,400 0	0 98	129 75	5,399 3	-13 0	49 6	104 66	51 2	
5,425 0	0 89	131 61	5,424 3	-13 2	49 9	104 86	51 6	
5,450 0	0 89	128 07	5,449 3	-13 5	50 2	105 04	51 9	
5,475 0	0 86	123 35	5,474 3	-13 7	50 5	105 19	52 3	
5,500 0	0 81	119 79	5,499 3	-13 9	50 8	105 30	52 6	
5,525 0	0 68	117 58	5,524 3	-14 0	51 1	105 38	53 0	
5,550 0	0 80	131 43	5,549 3	-14 2	51 3	105 50	53 3	
5,575 0	0 76	125 40	5,574 3	-14 4	51 6	105 64	53 6	
5,600 0	0 71	123 19	5,599 3	-14 6	51 9	105 75	53 9	
5,625 0	0 69	118 40	5,624 3	-14 8	52 1	105 84	54 2	
5,650 0	0 53	115 66	5,649 3	-14 9	52 4	105 89	54 4	
5,675 0	0 61	130 04	5,674 3	-15 0	52 6	105 97	54 7	
5,700 0	0 73	127 17	5,699 3	-15 2	52 8	106 08	54 9	
5,725 0	0 74	119 00	5,724 3	-15 4	53 1	106 18	55 2	
5,750 0	0 58	114 87	5,749 3	-15 5	53 3	106 24	55 5	
5,775 0	0 66	131 32	5,774 3	-15 7	53 5	106 32	55 8	
5,800 0	0 70	113 64	5,799 3	-15 8	53 8	106 40	56 1	

Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
5,825 0	0 68	108 93	5,824 3	-15 9	54 1	106 43	56 4	
5,850 0	0 57	118 99	5,849 3	-16 0	54 3	106 46	56 6	
5,875 0	0 72	129 20	5,874 3	-16 2	54 5	106 55	56 9	
5,900 0	0 79	121 32	5,899 3	-16 4	54 8	106 66	57 2	
5,925 0	0 72	119 65	5,924 3	-16 6	55 1	106 73	57 5	
5,950 0	0 80	120 88	5,949 3	-16 7	55 4	106 81	57 9	
5,975 0	0 75	122 94	5,974 3	-16.9	55 7	106 90	58 2	
6,000 0	0 70	124 89	5,999 3	-17 1	55 9	106 99	58 5	
6,025 0	0 69	127 45	6,024 3	-17 3	56 2	107 09	58 8	
6,050 0	0 75	130 36	6,049 3	-17 5	56 4	107 20	59 1	
6,075 0	0 75	135 17	6,074 3	-17 7	56 7	107 33	59 4	
6,100 0	0 67	133 82	6,099 3	-17 9	56 9	107 47	59 6	
6,125 0	0 68	128 45	6,124 3	-18 1	57 1	107 58	59 9	
6,150 0	0 65	127 99	6,149 3	-18 3	57 3	107 68	60 2	
6,175 0	0 61	133 74	6,174 3	-18 5	57 5	107 78	60 4	
6,200 0	0 57	134 58	6,199 3	-18 6	57 7	107 89	60 7	
6,225 0	0 59	138 63	6,224 3	-18 8	57 9	108 01	60 9	
6,250 0	0 55	150 95	6,249 3	-19 0	58 0	108 14	61 1	
6,275 0	0 56	151 84	6,274 3	-19 2	58 2	108 30	61 3	
6,300 0	0 53	146 08	6,299 3	-19 4	58 3	108 44	61 4	
6,325 0	0 50	154 61	6,324 3	-19 6	58 4	108 58	61 6	
6,350 0	0 48	153 97	6,349 3	-19 8	58 5	108.72	61 8	
6,375 0	0 38	158.29	6,374 3	-20 0	58 6	108 85	61 9	
6,400 0	0 49	177 67	6,399 3	-20 2	58 6	109 00	62 0	
6,425 0	0 62	160 86	6,424 3	-20 4	58 6	109 19	62 1	
6,450 0	0 50	159 63	6,449 3	-20 6	58 7	109 37	62 2	
6,475 0	0 44	170 15	6,474 3	-20 8	58 8	109 52	62 4	
6,500 0	0 45	185 33	6,499 3	-21 0	58 8	109 69	62 4	
6,525 0	0 54	191 63	6,524 3	-21 2	58 8	109 88	62 5	
6,550 0	0 63	179 19	6,549 3	-21 5	58 7	110 10	62 5	
6,575 0	0 70	174 08	6,574 3	-21 8	58 8	110 35	62 7	
6,600 0	0 68	171 14	6,599 3	-22 1	58 8	110 59	62 8	
6,625 0	0 61	168 24	6,624 3	-22 4	58 8	110 81	62 9	
6,650 0	0 59	162 07	6,649 3	-22.6	58 9	111 00	63 1	
6,675 0	0 61	167 55	6,674 3	-22 9	59 0	111 19	63 3	
6,700 0	0 71	162 00	6,699 3	-23 1	59 1	111 40	63 4	
6,725 0	0 81	167 21	6,724 2	-23 5	59 1	111 64	63 6	
6,750 0	0 83	174 75	6,749 2	-23 8	59 2	111 92	63 8	
6,775 0	0 96	177 66	6,774 2	-24 2	59 2	112 23	64 0	
6,800 0	1 04	167 48	6,799 2	-24 6	59 3	112 57	64 2	
6,825 0	0 91	166 52	6,824.2	-25 1	59 4	112 88	64 4	
6,850 0	0 88	167 55	6,849 2	-25 4	59 5	113 16	64 7	
6,875 0	0 97	168 12	6,874.2	-25 8	59 5	113 45	64 9	
6,900 0	0 90	170.73	6,899 2	-26 2	59 6	113 75	65 1	

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,925 0	1 08	175 68	6,924 2	-26 7	59 7	114 07	65 4
6,950 0	1 09	175 32	6,949 2	-27 1	59 7	114 44	65 6
6,975 0	1 14	174 00	6,974 2	-27 6	59 8	114 80	65 8
7,000 0	1 24	166 39	6,999 2	-28 1	59 8	115 17	66 1
7,025 0	1 25	165 99	7,024 2	-28 7	60 0	115 54	66 5
7,050 0	1 33	168 08	7,049 2	-29 2	60 1	115 91	66 8
7,075 0	1 31	167 60	7,074 2	-29 8	60 2	116 30	67 2
7,100 0	1 21	167 57	7,099 2	-30 3	60 3	116 66	67 5
7,125 0	1 20	167 81	7,124 2	-30 8	60 4	117 01	67 8
7,150 0	1 16	165 59	7,149 2	-31 3	60 6	117 34	68 2
7,175 0	1 17	164 14	7,174 2	-31 8	60 7	117 65	68 5
7,200 0	1 27	159 15	7,199 2	-32 3	60 9	117 96	68 9
7,225 0	1 32	157 78	7,224 2	-32 8	61 1	118 26	69 3
7,250 0	1 37	154 47	7,249 1	-33 4	61 3	118 56	69 8
7,275 0	1 42	154 29	7,274 1	-33 9	61 6	118 85	70 3
7,300 0	1 44	152 77	7,299 1	-34 5	61 9	119 14	70 8
7,325 0	1 48	152 79	7,324 1	-35 0	62 1	119 42	71 3
7,350 0	1 44	149 16	7,349 1	-35 6	62 5	119 68	71 9
7,375 0	1 48	149 30	7,374 1	-36 1	62 8	119 93	72 4
7,400 0	1 48	150 56	7,399 1	-36 7	63 1	120 19	73 0
7,425 0	1 34	146 42	7,424 1	-37 2	63 4	120 41	73 5
7,450 0	1 23	148 99	7,449 1	-37 7	63 7	120 61	74 0
7,475 0	1 35	154 04	7,474 1	-38 2	64 0	120 84	74 5
7,500 0	1 27	150 00	7,499 1	-38 7	64 3	121 06	75 0
7,525 0	1 27	150 24	7,524 1	-39 2	64 5	121 27	75 5
7,550 0	1 16	148 47	7,549 1	-39 6	64 8	121 45	76 0
7,575 0	1 18	156 47	7,574 1	-40 1	65 0	121 65	76 4
7,600 0	1 12	145 96	7,599 1	-40 5	65 3	121 84	76 8
7,625 0	1 27	151 17	7,624 0	-41 0	65 5	122 01	77 3
7,650 0	1 33	156 87	7,649 0	-41 5	65 8	122 23	77 8
7,675 0	1 37	150 89	7,674 0	-42 0	66 1	122 46	78 3
7,700 0	1 29	149 54	7,699 0	-42 5	66 3	122 65	78 8
7,725 0	1 55	156 50	7,724 0	-43 1	66 6	122 88	79 3
7,750 0	1 43	157 54	7,749 0	-43 7	66 9	123 14	79 9
7,775 0	1 36	154 86	7,774 0	-44 2	67 1	123 38	80 4
7,800 0	1 57	160 63	7,799 0	-44 8	67 4	123 64	80 9
7,825 0	1 57	158 61	7,824 0	-45 5	67 6	123 92	81 5
7,850 0	1 55	154 80	7,849 0	-46 1	67 9	124 18	82 0
7,875 0	1 60	164 60	7,874 0	-46 7	68 1	124 45	82 6
7,900 0	1 56	162 68	7,899 0	-47 4	68 3	124 75	83 1
7,925 0	1 67	161 85	7,923 9	-48 1	68 5	125 05	83 7
7,950 0	1 69	162 75	7,948 9	-48 8	68 7	125 35	84 3
7,975 0	1 64	158 72	7,973 9	-49 4	69 0	125 63	84 9
8,000 0	1 43	157 99	7,998 9	-50 1	69 2	125 88	85 4

Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
8,025 0	1 17	163 41	8,023 9	-50 6	69 4	126 09	85 9
8,050 0	1 36	170 87	8,048 9	-51 1	69 5	126 33	86 3
8,075 0	1 34	168 68	8,073 9	-51 7	69 6	126 60	86 7
8,100 0	1 34	172 25	8,098 9	-52 3	69 7	126 87	87 2
8,125 0	1 31	169 72	8,123 9	-52 9	69 8	127 13	87 6
8,150 0	1 38	165 97	8,148 9	-53 4	69 9	127 38	88 0
8,175 0	1 31	164 18	8,173 9	-54 0	70 1	127 61	88 5
8,200 0	1 21	176 14	8,198 9	-54 5	70 2	127 85	88 9
8,225 0	1 44	168 13	8,223 9	-55 1	70 3	128 10	89 3
8,250 0	1 36	174 96	8,248 9	-55 7	70 4	128 37	89 8
8,275 0	1 10	164 55	8,273 8	-56 2	70 5	128 60	90 2
8,300 0	1 00	161 13	8,298 8	-56 7	70 6	128 76	90 5
8,325 0	0 69	177 43	8,323 8	-57 0	70 7	128 91	90 8
8,350 0	0 81	204 50	8,348 8	-57 3	70 6	129 09	91 0
8,375 0	1 03	211 47	8,373 8	-57 7	70 4	129 33	91 0
8,400 0	0 97	203 98	8,398 8	-58 1	70 2	129 60	91 1
8,425 0	0 90	220 12	8,423 8	-58 4	70 0	129 85	91 2
8,450 0	1 30	257 43	8,448 8	-58 6	69 6	130 12	91 0
8,475 0	3 93	283 44	8,473 8	-58 5	68 5	130 51	90 1
8,500 0	7 53	290 88	8,498 7	-57 7	66 1	131 12	87 8
8,525 0	11 05	297 58	8,523 3	-56 0	62 5	131 89	83 9
8,550 0	14 09	300 32	8,547 7	-53 4	57 7	132 77	78 6
8,575 0	15 57	301 11	8,571 9	-50 1	52 2	133 82	72 4
8,600 0	17 08	305 71	8,595 9	-46 2	46 4	134 92	65 5
8,625 0	19 11	306 74	8,619 7	-41 6	40 1	136 08	57 8
8,650 0	22 57	305 35	8,643 0	-36 4	32 9	137 90	49 1
8,675 0	25 05	306 01	8,665 9	-30 5	24 7	141 02	39 3
8,700 0	27 23	307 19	8,688 3	-24 0	15 9	146 49	28 7
8,725 0	29 71	307 93	8,710 3	-16 7	6 4	158 95	17 9
8,750 0	32 63	308 51	8,731 7	-8 7	-3 7	203 30	9 5
8,775 0	34 56	309 36	8,752 5	0 0	-14 5	270 03	14 5
8,800 0	36 18	309 91	8,772 9	9 2	-25 6	289 82	27 3
8,825 0	39 30	307 89	8,792 7	18 8	-37 6	296 64	42 0
8,850 0	43 52	305 10	8,811 4	28 7	-50 9	299 40	58 4
8,875 0	46 64	303 82	8,829 1	38 7	-65 4	300 58	76 0
8,900 0	50 34	302 96	8,845 6	49 0	-81 1	301 13	94 7
8,925 0	52 99	302 85	8,861 1	59 6	-97 5	301 43	114 3
8,950 0	54 29	302 11	8,876 0	70 4	-114 5	301 59	134 4
8,975 0	54 31	300 20	8,890 5	80 9	-131 9	301 53	154 7
9,000 0	55 67	300 03	8,904 9	91 2	-149 6	301 37	175 2
9,025 0	57 10	300 79	8,918 7	101 7	-167 6	301 27	196 0
9,050 0	57 49	300 28	8,932 2	112 4	-185 7	301 19	217 1
9,075 0	58 65	299 57	8,945 5	123 0	-204 1	301 08	238 3
9,100 0	59 60	299 67	8,958 3	133 6	-222 7	300 96	259 7

Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
9,125 0	60 24	301 61	8,970 8	144 6	-241 3	300 94	281 4
9,150 0	61 46	304 05	8,983 0	156 5	-259 7	301 07	303 2
9,175 0	63 12	306 26	8,994 6	169 2	-277 8	301 35	325 3
9,200 0	64 85	308 51	9,005 6	182 9	-295 6	301 74	347 6
9,225 0	66 21	310 53	9,015 9	197 3	-313 2	302 22	370 2
9,250 0	67 35	313 29	9,025 8	212 7	-330 3	302 78	392 8
9,275 0	68 24	315 88	9,035 3	228 9	-346 7	303 44	415 5
9,300 0	69 20	318 47	9,044 3	246 0	-362 6	304 16	438 2
9,325 0	69 80	320 17	9,053 1	263 8	-377 8	304 92	460 8
9,350 0	70 84	322 02	9,061 5	282 1	-392 6	305 70	483 5
9,375 0	72 04	324 88	9,069 5	301 1	-406 7	306 52	506 1
9,400 0	72 51	327 10	9,077 1	320 9	-420 0	307 38	528 6
9,425 0	72 96	329 72	9,084 5	341 2	-432 5	308 27	550 9
9,450 0	73 82	332 22	9,091 6	362 2	-444 2	309 19	573 1
9,475 0	74 91	334 73	9,098 4	383 7	-454 9	310 15	595 1
9,500 0	76 19	337 10	9,104 6	405 8	-464 8	311 12	617 0
9,525 0	77 48	339 33	9,110 3	428 4	-473 8	312 12	638 8
9,550 0	79 00	341 97	9,115 4	451 5	-481 9	313 13	660 4
9,575 0	79 63	344 13	9,120 0	475 0	-489 1	314 16	681 8
9,600 0	81 45	345 01	9,124 2	498 8	-495 7	315 18	703 2
9,625 0	82 28	345 73	9,127 7	522 7	-501 9	316 16	724 7
9,650 0	83 03	347 67	9,130 9	546 8	-507 6	317 13	746 1
9,675 0	84 15	350 40	9,133 7	571 2	-512 3	318 11	767 3
9,700 0	86 81	352 22	9,135 7	595 9	-516 1	319 10	788 3
9,725 0	90 25	353 67	9,136 3	620 7	-519 2	320 09	809 2
9,750 0	91 65	356 32	9,135 9	645 5	-521 4	321 08	829 8
9,775 0	91 29	358 74	9,135 2	670 5	-522 4	322 08	850 0
9,800 0	90 05	359 11	9,134 9	695 5	-522 9	323 06	870 1
9,825 0	90 24	358 55	9,134 9	720 5	-523 4	324 00	890 6
9,850 0	90 70	358 98	9,134 7	745 5	-523 9	324 90	911 2
9,875 0	90 79	359 10	9,134 4	770 5	-524 4	325 76	932 0
9,900 0	90 78	359 10	9,134 0	795 5	-524 8	326 59	953 0
9,925 0	90 10	358 73	9,133 8	820 5	-525 2	327 37	974 2
9,950 0	89 24	358 80	9,134 0	845 5	-525 8	328 12	995 6
9,975 0	88 97	358 72	9,134 4	870 5	-526 3	328 84	1,017 2
10,000 0	89 13	358 70	9,134 8	895 5	-526 9	329 53	1,039 0
10,025 0	88 87	358 76	9,135 2	920 4	-527 4	330 19	1,060 8
10,050 0	88 54	358 96	9,135 8	945 4	-527 9	330 82	1,082 8
10,075 0	88 56	359 02	9,136 4	970 4	-528 4	331 43	1,104 9
10,100 0	88 91	358 77	9,137 0	995 4	-528 8	332 02	1,127 2
10,125 0	89 78	358 85	9,137 2	1,020 4	-529 4	332 58	1,149 5
10,150 0	90 04	359 05	9,137 3	1,045 4	-529 8	333 12	1,172 0
10,175 0	90 20	359 16	9,137 2	1,070 4	-530 2	333 65	1,194 5
10,200 0	90 62	359 11	9,137 0	1,095 4	-530 6	334 16	1,217 1
10,225 0	90 29	359 19	9,136 8	1,120 4	-531 0	334 64	1,239 8

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
10,250.0	90.13	359.47	9,136.8	1,145.4	-531.3	335.12	1,262.6
10,275.0	89.88	359.47	9,136.8	1,170.4	-531.5	335.58	1,285.4
10,300.0	90.06	359.32	9,136.8	1,195.4	-531.8	336.02	1,308.3
10,325.0	90.37	359.44	9,136.7	1,220.4	-532.0	336.45	1,331.3
10,350.0	90.13	359.53	9,136.6	1,245.4	-532.2	336.86	1,354.3
10,375.0	90.26	359.49	9,136.5	1,270.4	-532.5	337.26	1,377.5
10,400.0	90.34	359.42	9,136.3	1,295.4	-532.7	337.65	1,400.6
10,425.0	90.30	359.23	9,136.2	1,320.4	-533.0	338.02	1,423.9
10,450.0	89.95	359.37	9,136.2	1,345.4	-533.3	338.38	1,447.2
10,475.0	90.20	359.20	9,136.1	1,370.4	-533.6	338.72	1,470.6
10,500.0	89.93	359.17	9,136.1	1,395.4	-534.0	339.06	1,494.0
10,525.0	89.66	359.33	9,136.2	1,420.4	-534.3	339.39	1,517.5
10,550.0	89.91	358.99	9,136.3	1,445.4	-534.7	339.70	1,541.1
10,575.0	90.06	358.74	9,136.3	1,470.4	-535.2	340.00	1,564.7
10,600.0	90.33	358.79	9,136.2	1,495.4	-535.7	340.29	1,588.4
10,625.0	90.28	359.11	9,136.1	1,520.3	-536.2	340.57	1,612.1
10,650.0	90.51	359.07	9,135.9	1,545.3	-536.5	340.85	1,635.8
10,675.0	91.11	359.33	9,135.5	1,570.3	-536.9	341.12	1,659.6
10,700.0	90.73	359.36	9,135.1	1,595.3	-537.2	341.39	1,683.3
10,725.0	90.23	359.25	9,134.9	1,620.3	-537.5	341.65	1,707.2
10,750.0	90.29	359.45	9,134.8	1,645.3	-537.8	341.90	1,731.0
10,775.0	89.20	359.34	9,134.9	1,670.3	-538.0	342.15	1,754.8
10,800.0	88.26	359.65	9,135.5	1,695.3	-538.3	342.39	1,778.7
10,825.0	88.29	359.60	9,136.2	1,720.3	-538.4	342.62	1,802.6
10,850.0	88.34	359.72	9,137.0	1,745.3	-538.6	342.85	1,826.5
10,875.0	88.36	359.55	9,137.7	1,770.3	-538.7	343.07	1,850.4
10,900.0	88.73	359.21	9,138.3	1,795.3	-539.0	343.29	1,874.4
10,925.0	88.56	359.02	9,138.9	1,820.3	-539.4	343.49	1,898.5
10,950.0	88.23	359.03	9,139.6	1,845.3	-539.8	343.69	1,922.6
10,975.0	87.60	359.12	9,140.5	1,870.2	-540.2	343.89	1,946.7
11,000.0	87.23	359.33	9,141.6	1,895.2	-540.5	344.08	1,970.8
11,025.0	87.25	359.05	9,142.9	1,920.2	-540.9	344.27	1,994.9
11,050.0	87.46	358.73	9,144.0	1,945.1	-541.4	344.45	2,019.1
11,075.0	88.34	358.74	9,144.9	1,970.1	-541.9	344.62	2,043.3
11,100.0	88.91	358.95	9,145.5	1,995.1	-542.4	344.79	2,067.5
11,125.0	88.93	358.81	9,146.0	2,020.1	-542.9	344.96	2,091.8
11,150.0	90.21	358.70	9,146.2	2,045.1	-543.5	345.12	2,116.1
11,175.0	91.43	358.45	9,145.8	2,070.1	-544.1	345.27	2,140.4
11,200.0	91.60	358.57	9,145.2	2,095.1	-544.7	345.43	2,164.7
11,225.0	92.23	358.64	9,144.3	2,120.0	-545.4	345.57	2,189.1
11,250.0	92.18	358.74	9,143.4	2,145.0	-545.9	345.72	2,213.4
11,275.0	92.73	358.79	9,142.3	2,170.0	-546.5	345.87	2,237.7
11,300.0	92.42	358.77	9,141.2	2,195.0	-547.0	346.01	2,262.1
11,325.0	92.50	358.95	9,140.1	2,219.9	-547.5	346.15	2,286.4

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
11,350 0	92 11	359 77	9,139 1	2,244 9	-547 8	346 29	2,310 8
11,375 0	92 09	0 11	9,138 2	2,269 9	-547 8	346 43	2,335 1
11,400 0	92 42	0 22	9,137 2	2,294 9	-547 7	346 58	2,359 3
11,425 0	91 79	0 29	9,136 3	2,319 9	-547 6	346 72	2,383 6
11,450 0	90 70	0 04	9,135 7	2,344 8	-547 5	346 86	2,407 9
11,475 0	90 10	0 09	9,135 6	2,369 8	-547 5	346 99	2,432 3
11,500 0	90 43	0 13	9,135 4	2,394 8	-547 5	347 12	2,456 6
11,525 0	90 27	0 26	9,135 3	2,419 8	-547 4	347 25	2,481 0
11,550 0	89 46	0 26	9,135 3	2,444 8	-547 3	347 38	2,505 3
11,575 0	89 63	0 41	9,135 5	2,469 8	-547 1	347 51	2,529 7
11,600 0	89 70	0 59	9,135 7	2,494 8	-546 9	347 64	2,554 1
11,625 0	89 64	0 62	9,135 8	2,519 8	-546 6	347 76	2,578 5
11,650 0	89 35	0 65	9,136 1	2,544 8	-546 4	347 88	2,602 8
11,675 0	89 02	0 69	9,136 4	2,569 8	-546 1	348 00	2,627 2
11,700 0	88 56	0 90	9,136 9	2,594 8	-545 7	348 12	2,651 6
11,725 0	88 96	1 11	9,137 5	2,619 8	-545 3	348 24	2,676 0
11,750 0	88 87	1 14	9,138 0	2,644 8	-544 8	348 36	2,700 3
11,775 0	88 43	1 28	9,138 5	2,669 8	-544 3	348 48	2,724 7
11,800 0	88 22	1 04	9,139 3	2,694 8	-543 8	348 59	2,749 1
11,825 0	89 52	0 94	9,139 8	2,719 8	-543 3	348 70	2,773 5
11,850 0	89 89	1 12	9,139 9	2,744 8	-542 9	348 81	2,797 9
11,875 0	90 15	1 24	9,139 9	2,769 8	-542 4	348 92	2,822 4
11,900 0	89 61	1 42	9,139 9	2,794 8	-541 8	349 03	2,846 8
11,925 0	89 23	1 58	9,140 2	2,819 7	-541 1	349 14	2,871 2
11,950 0	89 32	1 91	9,140 5	2,844 7	-540 4	349 24	2,895 6
11,975 0	89 43	1 94	9,140 8	2,869 7	-539 5	349 35	2,920 0
12,000 0	89 70	1 81	9,141 0	2,894 7	-538 7	349 46	2,944 4
12,025 0	90 31	1 74	9,141 0	2,919 7	-537 9	349 56	2,968 8
12,050 0	90 26	1 71	9,140 8	2,944 7	-537 2	349 66	2,993 3
12,075 0	90 27	1 64	9,140 7	2,969 7	-536 5	349 76	3,017 7
12,100 0	90 33	1 54	9,140 6	2,994 7	-535 8	349 86	3,042 2
12,125 0	89 61	1 46	9,140 6	3,019 6	-535 1	349 95	3,066 7
12,150 0	89 10	1 41	9,140 9	3,044 6	-534 5	350 04	3,091 2
12,175 0	89 18	1 19	9,141 3	3,069 6	-533 9	350 13	3,115 7
12,200 0	90 35	1 04	9,141 4	3,094 6	-533 4	350 22	3,140 3
12,225 0	91 12	1 02	9,141 0	3,119 6	-533 0	350 30	3,164 8
12,250 0	90 96	1 04	9,140 6	3,144 6	-532 5	350 39	3,189 4
12,275 0	91 19	1 22	9,140 1	3,169 6	-532 0	350 47	3,213 9
12,300 0	91 63	1 67	9,139 5	3,194 6	-531 4	350 56	3,238 5
12,325 0	91 96	1 85	9,138 7	3,219 6	-530 6	350 64	3,263 0
12,350 0	91 91	1 90	9,137 9	3,244 5	-529 8	350 73	3,287 5
12,375 0	91 81	1 98	9,137 1	3,269 5	-529 0	350 81	3,312 0
12,400 0	92 13	2 22	9,136 2	3,294 5	-528 1	350 89	3,336 5
12,425 0	91 12	2 39	9,135 5	3,319 4	-527 1	350 98	3,361 0

Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grd
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
12,450 0	91 97	2 29	9,134 8	3,344 4	-526 0	351 06	3,385.5	
12,475 0	91 12	1 97	9,134 2	3,369 4	-525 1	351 14	3,410 1	
12,500 0	90 50	1 80	9,133 8	3,394 4	-524 3	351 22	3,434 6	
12,525 0	90 80	1 93	9,133 5	3,419 4	-523 5	351 30	3,459 2	
12,550 0	90 48	2 27	9,133 2	3,444 3	-522 5	351 37	3,483 7	
12,575 0	90 03	2 21	9,133 1	3,469 3	-521 6	351 45	3,508.3	
12,600 0	90 04	2 24	9,133.1	3,494 3	-520 6	351 53	3,532 9	
12,625 0	89 60	2 24	9,133 2	3,519 3	-519 6	351 60	3,557 4	
12,650 0	90 11	2 33	9,133 3	3,544 3	-518 6	351 68	3,582 0	
12,675 0	90 31	2 57	9,133 2	3,569 2	-517 6	351 75	3,606.6	
12,700 0	90 14	2 76	9,133 1	3,594 2	-516 4	351 82	3,631 1	
12,725 0	89 88	2 78	9,133.1	3,619 2	-515 2	351 90	3,655.7	
12,750 0	89 43	2 24	9,133 2	3,644 2	-514 1	351 97	3,680 2	
12,775 0	88 86	1 97	9,133 6	3,669 1	-513 2	352 04	3,704 8	
12,800 0	89 38	2 08	9,134 0	3,694 1	-512 3	352 10	3,729.5	
12,825 0	89 81	2 38	9,134 1	3,719.1	-511 3	352 17	3,754 1	
12,850 0	89 53	2 59	9,134.3	3,744 1	-510 2	352 24	3,778 7	
12,875 0	89 51	2 89	9,134 5	3,769.0	-509 0	352 31	3,803 3	
12,900 0	89 80	3 26	9,134 6	3,794 0	-507 7	352 38	3,827 8	
12,925 0	90 48	3 12	9,134 6	3,819 0	-506 3	352 45	3,852 4	
12,950 0	89 84	2 48	9,134 5	3,843 9	-505 1	352 51	3,877 0	
12,975 0	89 89	2 23	9,134 6	3,868 9	-504 1	352 58	3,901 6	
13,000 0	89 76	2 53	9,134 7	3,893 9	-503 0	352 64	3,926 2	
13,025 0	89 81	2 78	9,134 7	3,918 9	-501 9	352 70	3,950 9	
13,050 0	90 20	2 69	9,134 7	3,943 8	-500.7	352 76	3,975 5	
13,075 0	89 73	2 92	9,134 8	3,968 8	-499 4	352 83	4,000 1	
13,100 0	89 40	2 90	9,135 0	3,993 8	-498 2	352 89	4,024 7	
13,125 0	89 45	2 20	9,135 2	4,018 7	-497 1	352 95	4,049 4	
13,150 0	89 72	1 49	9,135 4	4,043 7	-496 3	353.00	4,074 1	
13,175 0	88 15	1 41	9,135 8	4,068 7	-495 6	353 05	4,098 8	
13,200 0	89 86	1 64	9,136 3	4,093 7	-495 0	353 11	4,123 5	
13,225 0	89 59	1 67	9,136 4	4,118 7	-494 2	353 16	4,148 2	
13,250 0	89 90	1 58	9,136 5	4,143 7	-493 5	353 21	4,173 0	
13,275 0	90 23	1 48	9,136 5	4,168 7	-492 9	353 26	4,197 7	
13,300 0	89 79	1 63	9,136 5	4,193 7	-492 2	353 31	4,222.5	
13,325 0	89 48	1 80	9,136 6	4,218 7	-491 4	353 36	4,247 2	
13,350 0	89 10	2 06	9,136 9	4,243 6	-490 6	353 41	4,271 9	
13,375 0	89 41	2 02	9,137 3	4,268.6	-489 7	353 46	4,296 6	
13,400 0	89 32	2 15	9,137 6	4,293 6	-488 8	353 51	4,321 3	
13,425 0	89 75	2 01	9,137 8	4,318 6	-487 9	353 55	4,346 1	
13,450 0	89 45	2 22	9,137 9	4,343.6	-487 0	353 60	4,370 8	
13,475 0	89 67	2 21	9,138 1	4,368 6	-486 0	353 65	4,395 5	
13,500 0	90 58	1 80	9,138 1	4,393 5	-485 1	353 70	4,420 2	
13,525 0	91 22	1 60	9,137.7	4,418 5	-484 4	353 74	4,445 0	

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Trionyx "6" Federal #1H
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Trionyx "6" Federal #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0811757	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811757	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
13,550 0	90 92	1 61	9,137 2	4,443 5	-483 7	353 79	4,469 8	
13,575 0	91 02	1 77	9,136 8	4,468 5	-482 9	353 83	4,494 5	
13,600 0	91 14	1 76	9,136 3	4,493 5	-482 2	353 88	4,519 3	
13,625 0	91 46	1 86	9,135 7	4,518 5	-481 4	353 92	4,544 0	
13,650 0	91 77	1 66	9,135 0	4,543 4	-480 6	353 96	4,568 8	
13,675 0	91 10	1 76	9,134 4	4,568 4	-479 9	354 00	4,593 6	
13,700 0	91 20	1 72	9,133 9	4,593 4	-479 1	354 05	4,618 3	
13,725 0	91 21	1 71	9,133 4	4,618 4	-478 4	354 09	4,643 1	
13,750 0	91 54	1 83	9,132 8	4,643 4	-477 6	354 13	4,667 9	
13,750 6	91 54	1 83	9,132 8	4,644 0	-477 6	354 13	4,668 5	



Weatherford®

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date: May 17, 2011

Attention: Mark Cooper

Re: Devon Energy
Well: Trionyx 6 Fed #1H
Lea County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Patrick Rudolph MWD Supervisor	1H	8518' MD 13793' MD	4/26/2011 5/17/2011	Measurement While Drilling

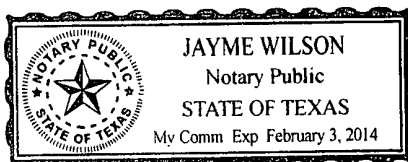
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Oper. Coordinator

On this, the 19th day of May, 2011, before me a notary public, the undersigned officer, personally appeared Jesse Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

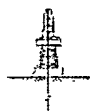
In witness hereof, I hereunto set my hand and official seal.

Notary Public





Trionyx 6 Fed #1H
Lea County, New Mexico



KB ELEV: 3462
GL ELEV: 3437

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	9067.00	57.97	299.97	8947.67	117.98	-196.28	0.00	0.00	140.98	
2	9130.69	63.05	295.80	8979.02	143.85	-245.27	9.80	323.41	172.61	
3	9813.12	90.00	359.66	9154.00	679.71	-557.39	9.80	77.46	742.45	
4	13877.83	90.00	359.66	9154.00	4744.34	-581.35	0.00	0.00	4779.83	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Trionyx 6 Fed #1H	0.00	0.00	419751.42	731175.63	32°09'08.950N	103°43'11.716W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	9154.00	4744.34	-581.35	424495.76	730594.28	Point
Heal Tgt	9154.00	596.39	-562.69	420347.81	730612.94	Point

FIELD DETAILS

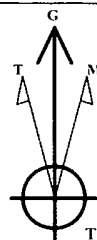
Lea County, New Mexico (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

Trionyx 6 Fed #1H
Site Centre Northing: 419751.42
Easting: 731175.63
Ground Level: 3437.00
Positional Uncertainty: 0.00
Convergence: 0.33

LEGEND

- Trionyx 6 Fed #1H.1 Plan #6
- Trionyx 6 Fed #1H.1 Gyro
- Trionyx 6 Fed #2H (1)
- Trionyx 6 Fed #3HY (1)
- Wft Svy



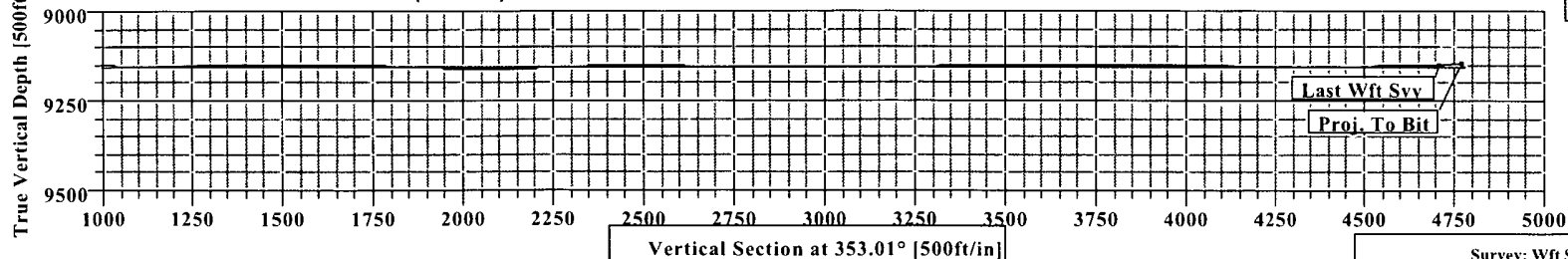
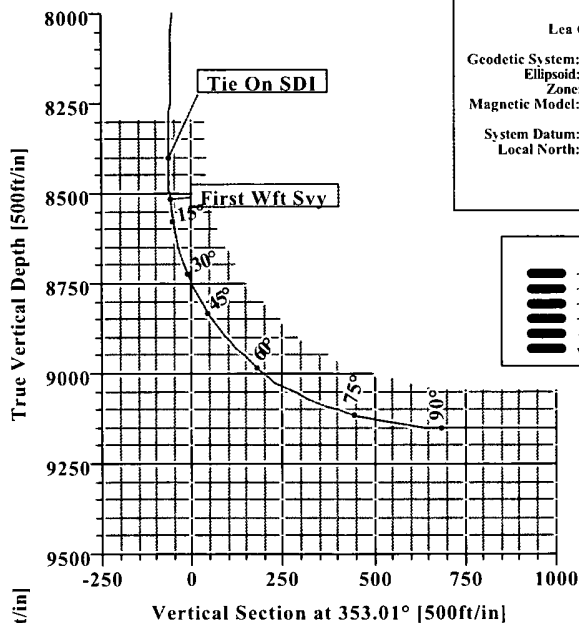
Azimuths to Grid North
True North: -0.33°
Magnetic North: 7.34°

Magnetic Field
Strength: 48596nT
Dip Angle: 60.10°
Date: 4/25/2011
Model: IGRF2010

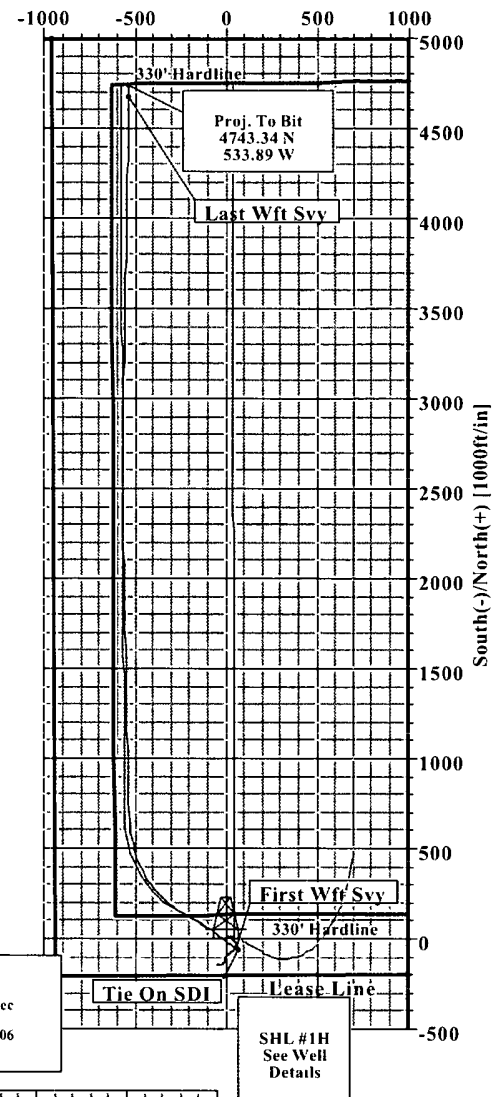
Total Correction to Grid North: 7.34°

Survey: Wft Svy (Trionyx 6 Fed #1H/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
87	13860.00	91.58	1.48	9147.75	4743.34	-533.89	0.00	0.00	4773.06



West(-)/East(+) [1000ft/in]



Survey: Wft Svy (Trionyx 6 Fed #1H/1)

Created By: Russell W. Joyner

Date: 5/17/2011



Project: Wildcat (Lea County, NM)
Lea County, NM
Well: Trionyx "6" Federal #1H
Wellbore: VH - Job #32K0811757
Design: VH - Job #32K0811757

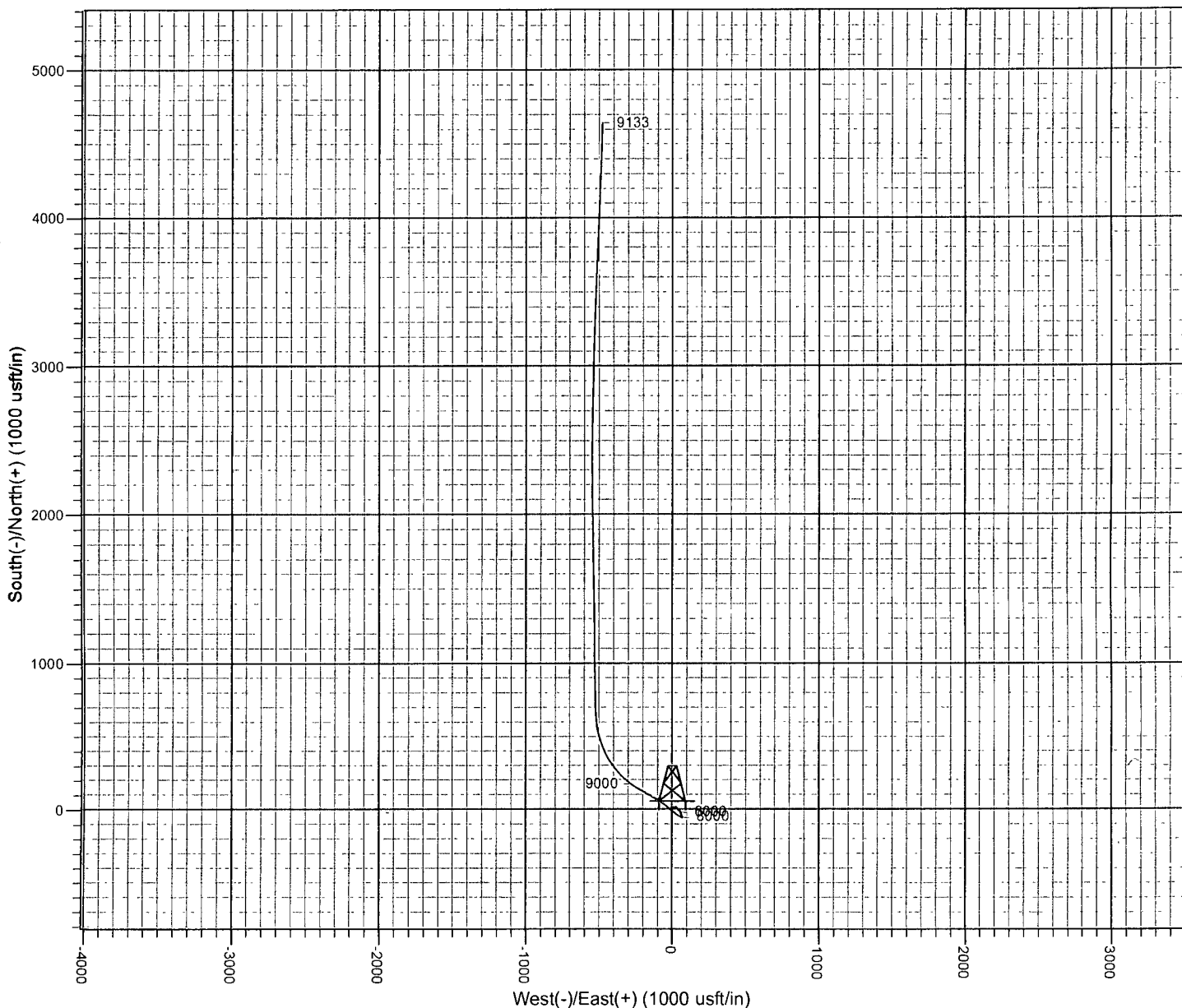


Azimuths to Grid North
True North -0 33°
Magnetic North 7 31°

Magnetic Field
Strength 48567 5snT
Dip Angle 60 09°
Date 8/9/2011
Model IGRF2010

WELL DETAILS: Trionyx "6" Federal #1H
WELL @ 0.0usft (Original Well Elev)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0 0	0.0	419798.73	689831 11	32° 9' 9.565 N	103° 43' 11 824 W	



PROJECT DETAILS: Wildcat (Lea County, NM)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

SITE DETAILS: Lea County, NM
Site Centre Latitude: 32° 9' 9.565 N
Longitude: 103° 43' 11.824 W
Positional Uncertainty: 0.0
Convergence: 0.33
Local North: Grid