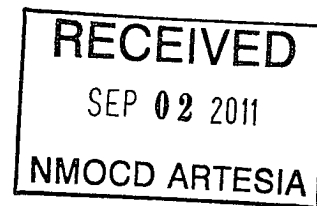


38.015 - 39104

DEVON ENERGY

Wildcat (Eddy County, NM)
Eddy County, NM
Snapping "2" State #1H
VH - Job #32K0611560



Survey: Actual

SDI Standard Survey Report

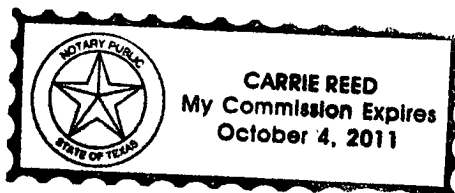
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notarized this date 22nd of July, 2011.

[Signature]

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Snapping "2" State #1H
Project:	Wildcat (Eddy County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Snapping "2" State #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0611560	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0611560	Database:	EDM-Regulatory

Project	Wildcat (Eddy County, NM)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Eddy County, NM		
Site Position:		Northing:	387,530 63 usft
From:	Lat/Long	Easting:	717,555 20 usft
Position Uncertainty:	0 0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 3' 50 850 N
		Longitude:	103° 45' 52 110 W
		Grid Convergence:	0 30 °

Well	Snapping "2" State #1H, Directional (Pathfinder)		
Well Position	+N/-S	0 0 usft	Northing: 388,201.65 usft
	+E/-W	0 0 usft	Easting: 721,250 72 usft
Position Uncertainty	0 0 usft	Wellhead Elevation:	usft
		Latitude:	32° 3' 57 295 N
		Longitude:	103° 45' 9 123 W
		Ground Level:	0 0 usft

Wellbore	VH - Job #32K0611560				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/15/2011	7 66	60 01	48,526

Design	VH - Job #32K0611560			
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	359 00

Survey Program	Date	7/21/2011		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100 0	7,875 0	Actual (VH - Job #32K0611560)	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	
100 0	0 68	140 45	100 0	-0 5	0 4	140 45	0 6	
200 0	0 59	129 70	200 0	-1 2	1 2	137 20	1 7	
300 0	0 44	154 94	300 0	-1 9	1 7	138 31	2 6	
400 0	0 57	166 68	400 0	-2 8	2 0	144 16	3 4	
500 0	0 69	157 35	500 0	-3 8	2 3	148 39	4 5	
600 0	0 52	185 69	600 0	-4 8	2 5	152 29	5 4	
700 0	0 22	353 96	700 0	-5 1	2 5	154 11	5 6	
800 0	0 27	350 86	800 0	-4 6	2 4	152 65	5 2	
900 0	0 15	18 27	900 0	-4 3	2 4	150 70	4 9	
1,000 0	0 41	57 44	1,000 0	-4 0	2 7	145 29	4 8	
1,100 0	0 49	77 71	1,100 0	-3 7	3 5	136 73	5 1	

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Snapping "2" State #1H
Project:	Wildcat (Eddy County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Snapping "2" State #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0611560	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0611560	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200 0	0 64	127 30	1,200 0	-3 9	4 3	132 23	5 8
1,300 0	0 74	128 69	1,300 0	-4 7	5 3	131 51	7 0
1,400 0	0 47	167 41	1,399 9	-5 5	5 9	133 00	8 0
1,500 0	0 53	186 16	1,499 9	-6 3	5 9	136 99	8 7
1,600 0	0 71	187 59	1,599 9	-7 4	5 8	142 05	9 4
1,700 0	0 49	168 60	1,699 9	-8 4	5 8	145 60	10 2
1,800 0	0 39	197 38	1,799 9	-9 2	5 8	147 90	10 8
1,900 0	0 51	183 51	1,899 9	-10 0	5 6	150 49	11 4
2,000 0	0 52	154 23	1,999 9	-10 8	5 8	151 76	12 3
2,100 0	0 46	151 58	2,099 9	-11 6	6 2	151 84	13.1
2,200 0	0 46	144 05	2,199 9	-12 2	6 6	151 61	13 9
2,300 0	0 43	146 61	2,299 9	-12 9	7 1	151 28	14 7
2,400 0	0 87	167 24	2,399 9	-13 9	7 4	151 93	15 8
2,500 0	1 01	178 24	2,499 9	-15 6	7 6	153 88	17 3
2,600 0	0 77	199 77	2,599 9	-17 1	7 4	156 48	18 6
2,700 0	0 98	212 16	2,699 9	-18 4	6 7	159 89	19 6
2,800.0	0 93	202 26	2,799 9	-19 9	6 0	163 27	20 8
2,900.0	0 60	202 20	2,899 8	-21 1	5 5	165 47	21 8
3,000 0	0 48	205 53	2,999 8	-22 0	5 1	166 95	22 6
3,100 0	0 46	181 14	3,099 8	-22 8	4 9	167 83	23 3
3,200 0	0 25	166 04	3,199 8	-23 4	5 0	168 04	23 9
3,300 0	0 12	58 67	3,299 8	-23 6	5 1	167 79	24 1
3,400 0	0 15	52 44	3,399 8	-23 4	5 3	167 27	24 0
3,500 0	0 64	100 84	3,499 8	-23 4	5 9	165 77	24 2
3,600 0	1 95	104 83	3,599 8	-24 0	8 1	161 26	25 3
3,700 0	2 02	103 42	3,699 7	-24 8	11 5	155 15	27 4
3,800 0	3 37	112 88	3,799 6	-26 4	15 9	148 89	30 8
3,900 0	3 97	122 17	3,899 4	-29 4	21 6	143 72	36 4
4,000 0	3 44	123 65	3,999 2	-32 9	27 0	140 62	42 5
4,100 0	2 77	126 81	4,099 1	-36 0	31 4	138 87	47 8
4,200 0	1 65	125 76	4,199 0	-38 3	34 5	137 95	51 5
4,300 0	1 28	125 59	4,299 0	-39 8	36 6	137 37	54 0
4,400 0	1 16	132 73	4,398 9	-41 1	38 2	137 06	56 1
4,500 0	1 03	122 55	4,498 9	-42 3	39 7	136 76	58 0
4,600 0	0 83	124 82	4,598.9	-43 2	41 1	136 40	59 6
4,700 0	0 99	135 08	4,698 9	-44 2	42 3	136 25	61 2
4,800 0	1 20	131 68	4,798 9	-45 5	43 7	136 16	63 1
4,900 0	1 00	122 26	4,898 9	-46 7	45 2	135 90	65 0
5,000 0	0 96	129 16	4,998 8	-47 7	46 6	135 64	66 7
5,100 0	0 87	120 32	5,098 8	-48 6	47 9	135 39	68 2
5,200 0	0 38	121 06	5,198 8	-49 1	48 8	135 16	69 3
5,300 0	0 36	98 50	5,298 8	-49 3	49 4	134 94	69 9
5,400 0	0 22	87 47	5,398 8	-49 4	49 9	134 67	70 2
5,500.0	0 24	27 58	5,498 8	-49 2	50 2	134 39	70 3

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Snapping "2" State #1H
Project:	Wildcat (Eddy County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Snapping "2" State #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0611560	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0611560	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600 0	0 40	53 72	5,598 8	-48 8	50 6	133 95	70 3
5,700 0	0 21	79 56	5,698 8	-48 6	51 1	133 55	70 5
5,800 0	0 42	55 39	5,798 8	-48 3	51 6	133 14	70 7
5,900 0	0 26	129 14	5,898 8	-48 2	52 0	132 84	71 0
6,000 0	0 31	69 83	5,998 8	-48 3	52 5	132 63	71 3
6,100 0	0 27	76 72	6,098 8	-48 1	52 9	132 28	71 6
6,200 0	0 50	179 04	6,198 8	-48 5	53 2	132 38	72 0
6,300 0	0 45	171 36	6,298 8	-49 4	53 3	132 83	72 6
6,400 0	0 45	181 16	6,398 8	-50 1	53 3	133 25	73 2
6,500 0	0 58	197 27	6,498 8	-51 0	53 1	133 83	73 7
6,600 0	0 90	194 28	6,598 8	-52 3	52 8	134 70	74 3
6,700 0	1 12	194 27	6,698 8	-54 0	52 4	135 86	75 2
6,800 0	0 49	186 80	6,798 8	-55 3	52 1	136 74	76 0
6,900 0	0 38	205 49	6,898 8	-56 1	51 9	137 22	76 4
7,000 0	0 53	188 63	6,998 8	-56 8	51 7	137 72	76 8
7,100 0	0 86	212 53	7,098 8	-57 9	51 2	138 52	77 3
7,200 0	1 14	231 02	7,198 7	-59 2	50 0	139 79	77 5
7,300 0	1 41	220 42	7,298 7	-60 7	48 4	141 42	77 7
7,400 0	1 78	220 11	7,398 7	-62 9	46 6	143 42	78 3
7,500 0	0 78	169 67	7,498 7	-64 7	45 8	144 73	79 3
7,600 0	1 16	106 86	7,598 6	-65 7	46 9	144 49	80 7
7,700 0	0 95	109 51	7,698 6	-66 2	48 6	143 73	82 2
7,800 0	0 92	152 13	7,798 6	-67 2	49 8	143 49	83 6
7,875 0	1 01	149 41	7,873 6	-68 3	50 4	143 60	84 9



Project: Wildcat (Eddy County, NM)
Eddy County, NM
Well: Snapping "2" State #1H
Wellbore: VH - Job #32K0611560
Design: VH - Job #32K0611560

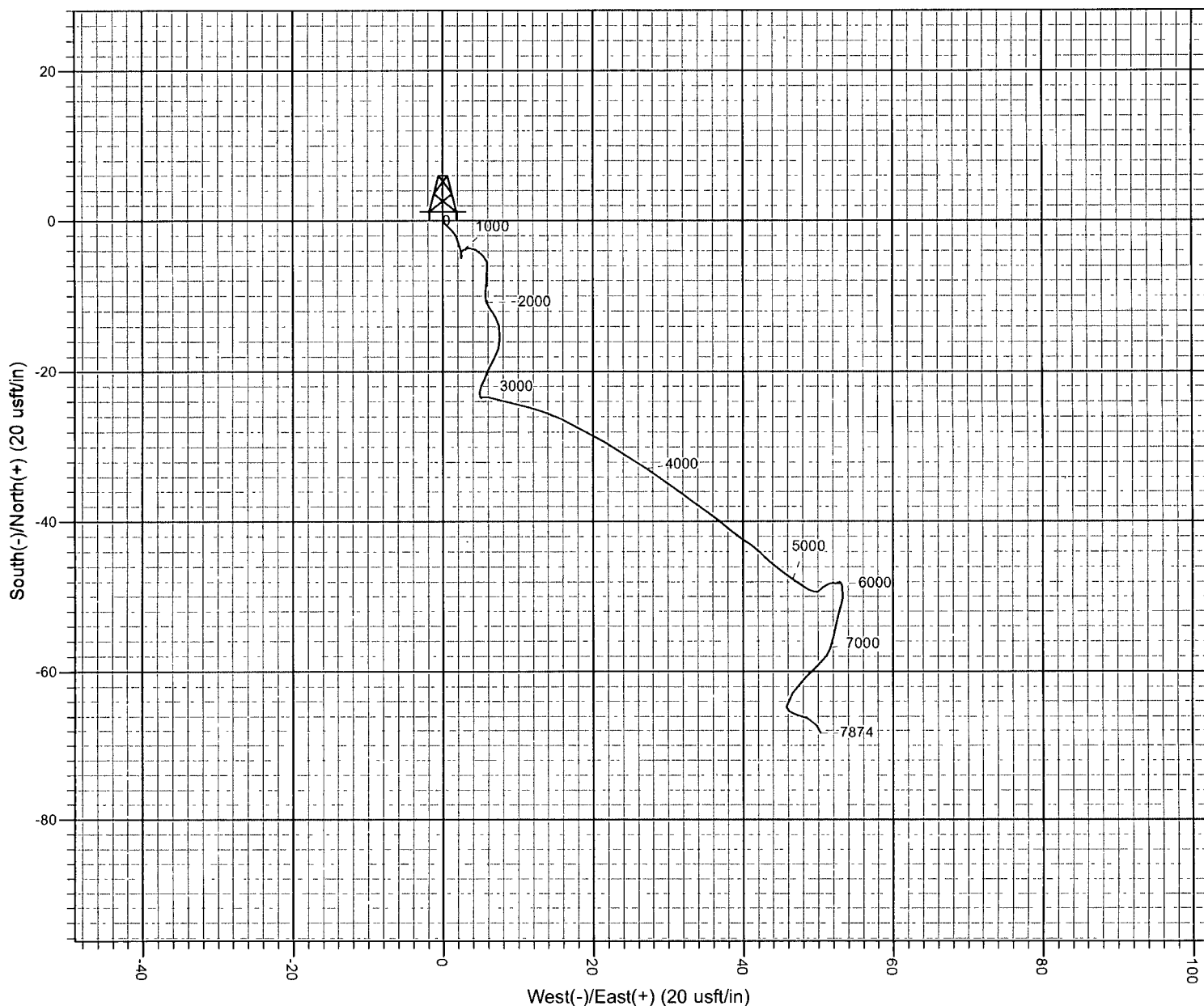


Azimuths to Grid North
True North -0 31°
Magnetic North 7 35°

Magnetic Field
Strength 48526 3snT
Dip Angle 60 01°
Date 6/15/2011
Model IGRF2010

WELL DETAILS: Snapping "2" State #1H
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	388201.65	721250.72	32° 3' 57.295 N	103° 45' 9.123 W	



PROJECT DETAILS: Wildcat (Eddy County, NM)
Geodetic System US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
Site Centre Latitude: 32° 3' 50.850 N
Longitude: 103° 45' 52.110 W
Positional Uncertainty: 0.0
Convergence: 0.30
Local North: Grid