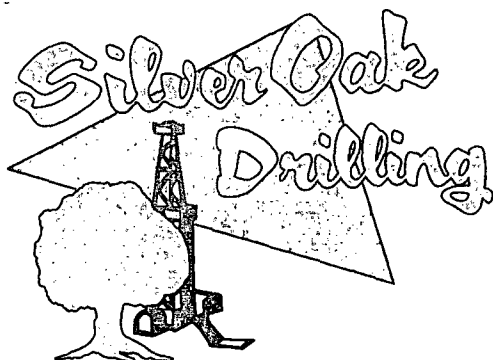
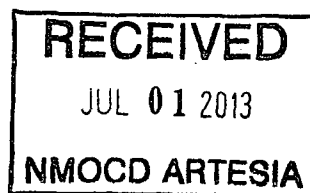


RECEIVED
MAY 13 2013



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-39958



April 29, 2013

RKI Exploration
210 Park Ave.
Suite 900
Oklahoma City, OK 73102

RE: RDX 16-14H
330' FNL & 1650' FWL
Sec. 16, T26S, R30E
Eddy County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

Very truly yours,

A handwritten signature in black ink, appearing to read "Eddie C. LaRue".

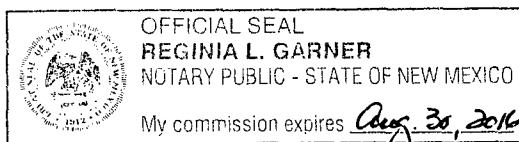
Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 29th day of April, 2013.

A handwritten signature in black ink, appearing to read "Regina L. Garner".

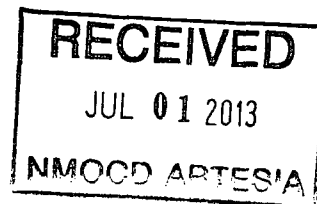
Notary Public



Well Dossier 1364900835 - RDX 16-14H

# Date	Depth	Deviation	Direction	TVD
4/4/2013	231	0.10	0.00	0.00
4/4/2013	698	0.50	0.00	0.00
4/4/2013	920	0.00	0.00	0.00
4/7/2013	1172	1.30	0.00	0.00
4/7/2013	1421	0.90	0.00	0.00
4/7/2013	1926	1.30	0.00	0.00
4/8/2013	2370	2.50	0.00	0.00
4/8/2013	2434	2.40	0.00	0.00
4/8/2013	2528	1.80	0.00	0.00
4/9/2013	2752	2.10	0.00	0.00
4/9/2013	3005	2.20	0.00	0.00
4/9/2013	3291	4.60	0.00	0.00
4/9/2013	3416	2.90	0.00	0.00
4/11/2013	3174	1.50	0.00	0.00
4/11/2013	3674	1.50	0.00	0.00
4/11/2013	4150	1.00	0.00	0.00
4/11/2013	4627	0.60	0.00	0.00
4/12/2013	5102	0.40	0.00	0.00
4/12/2013	5579	0.30	0.00	0.00
4/12/2013	6055	0.40	0.00	0.00
4/12/2013	6531	1.50	0.00	0.00
4/15/2013	7117	5.10	175.40	7114.50
4/15/2013	7212	12.40	174.80	7208.40
4/16/2013	7307	21.70	183.10	7299.40
4/16/2013	7403	32.60	175.70	7384.70
4/16/2013	7498	43.40	172.70	7459.00
4/16/2013	7593	51.90	170.80	7523.00
4/17/2013	7688	62.50	169.20	7574.00
4/18/2013	7784	71.60	172.60	0.00
4/18/2013	7879	81.30	174.10	7635.00
4/19/2013	7964	84.80	174.10	7644.24
4/19/2013	8027	85.30	173.40	7649.80
4/19/2013	8250	86.40	173.60	7663.00
4/20/2013	8377	85.80	174.10	7673.10
4/20/2013	8472	87.60	174.30	7678.50
4/20/2013	8567	89.10	174.10	7681.30
4/20/2013	8662	90.10	174.70	7682.12
4/20/2013	8758	92.00	175.00	7679.00
4/20/2013	8853	90.50	175.00	7680.00
4/21/2013	8980	92.10	174.70	7676.50
4/21/2013	9043	91.80	173.40	7674.40
4/21/2013	9139	92.50	172.00	7670.83
4/21/2013	9234	92.60	173.60	7666.60

#	Date	Depth	Deviation	Direction	TVD
	4/21/2013	9329	91.50	173.80	7662.17
	4/21/2013	9424	92.40	173.30	7659.97
	4/21/2013	9520	91.50	174.10	7656.74
	4/22/2013	9615	93.70	174.30	7652.30
	4/22/2013	9710	92.50	173.80	7647.20
	4/22/2013	9805	91.10	174.30	7644.26
	4/23/2013	9901	90.00	174.30	7643.34
	4/23/2013	9996	90.90	174.30	7642.50
	4/23/2013	10092	91.50	174.10	7640.58
	4/23/2013	10236	92.30	174.10	7637.43
	4/23/2013	10377	91.80	174.70	7628.90
	4/23/2013	10473	92.20	174.50	7625.55
	4/23/2013	10568	90.90	174.00	7622.00
	4/23/2013	10663	92.40	174.10	7620.00
	4/23/2013	10759	91.20	173.80	7617.00
	4/24/2013	10854	90.10	172.70	7616.15
	4/24/2013	10949	90.90	172.40	7615.32
	4/24/2013	11044	92.10	172.40	7612.83
	4/24/2013	11140	90.90	173.10	7616.00
	4/24/2013	11235	91.70	173.30	7609.50
	4/24/2013	11426	91.50	174.00	7600.00
	4/24/2013	11521	90.80	175.20	7600.00
	4/24/2013	11616	91.50	175.00	7598.00
	4/25/2013	11807	93.50	174.30	7587.19
	4/25/2013	11901	93.90	174.00	7581.12
	4/25/2013	11948	94.90	173.80	7577.51



RKI Exploration & Production

Eddy County (NM83E)

Sec 16-T26S-R30E

RDX 16-14H

Wellbore #1

Survey: MWD Surveys

Standard Survey Report

25 April, 2013

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX 16-14H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 16-T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX 16-14H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 2003.21 Single User Db

Design	Wellbore #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	172.84

Survey Program	Date 2013/04/25			
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
100.0	11,997.0	MWD Surveys (Wellbore #1)	MWD	MWD - Standard

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.16	231.81	100.0	-0.1	-0.1	0.1	0.16	0.16	0.00
First GYRO Survey									
200.0	0.15	108.27	200.0	-0.2	-0.1	0.2	0.27	-0.01	-123.54
300.0	0.15	92.72	300.0	-0.3	0.2	0.3	0.04	0.00	-15.55
400.0	0.69	112.77	400.0	-0.5	0.8	0.6	0.55	0.54	20.05
500.0	0.63	119.79	500.0	-1.0	1.9	1.2	0.10	-0.06	7.02
600.0	0.66	110.27	600.0	-1.5	2.9	1.8	0.11	0.03	-9.52
700.0	0.74	116.24	700.0	-2.0	4.0	2.4	0.11	0.08	5.97
800.0	0.65	111.09	800.0	-2.5	5.1	3.1	0.11	-0.09	-5.15
900.0	0.47	71.74	900.0	-2.5	6.0	3.3	0.41	-0.18	-39.35
1,000.0	1.12	52.78	1,000.0	-1.8	7.2	2.7	0.69	0.65	-18.96
1,100.0	1.01	51.25	1,099.9	-0.7	8.7	1.7	0.11	-0.11	-1.53
1,200.0	1.09	49.16	1,199.9	0.5	10.1	0.8	0.09	0.08	-2.09
1,300.0	1.25	54.46	1,299.9	1.8	11.7	-0.3	0.19	0.16	5.30
1,400.0	0.61	69.51	1,399.9	2.6	13.1	-0.9	0.68	-0.64	15.05
1,500.0	0.25	105.03	1,499.9	2.7	13.8	-1.0	0.43	-0.36	35.52
1,600.0	0.64	158.45	1,599.9	2.1	14.2	-0.4	0.53	0.39	53.42
1,700.0	1.22	165.39	1,699.9	0.6	14.7	1.2	0.59	0.58	6.94
1,800.0	1.40	170.34	1,799.8	-1.6	15.1	3.5	0.21	0.18	4.95
1,900.0	1.80	180.39	1,899.8	-4.4	15.3	6.3	0.49	0.40	10.05
2,000.0	2.02	182.28	1,999.7	-7.8	15.3	9.6	0.23	0.22	1.89
2,100.0	2.02	181.15	2,099.7	-11.3	15.2	13.1	0.04	0.00	-1.13
2,200.0	2.28	185.36	2,199.6	-15.0	14.9	16.8	0.30	0.26	4.21
2,300.0	2.31	179.48	2,299.5	-19.0	14.8	20.7	0.24	0.03	-5.88
2,400.0	2.12	179.56	2,399.5	-22.9	14.8	24.5	0.19	-0.19	0.08
2,500.0	1.90	183.28	2,499.4	-26.4	14.7	28.0	0.26	-0.22	3.72
2,600.0	1.93	181.77	2,599.3	-29.7	14.6	31.3	0.06	0.03	-1.51
2,700.0	1.72	184.91	2,699.3	-32.9	14.4	34.4	0.23	-0.21	3.14
2,800.0	1.58	188.02	2,799.2	-35.8	14.1	37.2	0.17	-0.14	3.11
2,900.0	1.57	156.52	2,899.2	-38.4	14.4	39.9	0.85	-0.01	-31.50
3,000.0	2.58	145.31	2,999.1	-41.5	16.3	43.2	1.08	1.01	-11.21
3,100.0	2.92	136.74	3,099.0	-45.2	19.3	47.2	0.53	0.34	-8.57
3,200.0	4.05	124.43	3,198.8	-49.0	23.9	51.6	1.35	1.13	-12.31
3,300.0	4.19	122.55	3,298.6	-53.0	29.9	56.3	0.19	0.14	-1.88
3,400.0	3.21	122.27	3,398.4	-56.5	35.4	60.4	0.98	-0.98	-0.28
3,500.0	2.33	123.28	3,498.3	-59.1	39.4	63.5	0.88	-0.88	1.01
3,600.0	1.86	115.02	3,598.2	-60.9	42.6	65.7	0.56	-0.47	-8.26
3,700.0	1.77	114.27	3,698.1	-62.2	45.5	67.4	0.09	-0.09	-0.75

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX 16-14H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec.16-T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX 16-14H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 2003.21 Single-User Db

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,800.0	1.37	108.82	3,798.1	-63.2	48.0	68.7	0.43	-0.40	-5.45
3,900.0	1.41	110.99	3,898.1	-64.1	50.3	69.8	0.07	0.04	2.17
4,000.0	0.94	128.01	3,998.1	-65.0	52.1	71.0	0.58	-0.47	17.02
4,100.0	0.70	114.37	4,098.0	-65.8	53.3	71.9	0.31	-0.24	-13.64
4,200.0	0.83	116.86	4,198.0	-66.3	54.5	72.6	0.13	0.13	2.49
4,300.0	0.96	120.19	4,298.0	-67.1	55.9	73.5	0.14	0.13	3.33
4,400.0	0.93	111.20	4,398.0	-67.8	57.4	74.4	0.15	-0.03	-8.99
4,500.0	0.90	110.15	4,498.0	-68.4	58.9	75.2	0.03	-0.03	-1.05
4,600.0	0.89	109.09	4,598.0	-68.9	60.3	75.9	0.02	-0.01	-1.06
4,700.0	0.75	99.20	4,698.0	-69.2	61.7	76.4	0.20	-0.14	-9.89
4,800.0	0.61	89.31	4,798.0	-69.3	62.9	76.6	0.18	-0.14	-9.89
4,900.0	0.58	92.34	4,898.0	-69.4	63.9	76.8	0.04	-0.03	3.03
5,000.0	0.56	95.38	4,998.0	-69.4	64.9	77.0	0.04	-0.02	3.04
5,100.0	0.52	112.38	5,098.0	-69.6	65.8	77.3	0.16	-0.04	17.00
5,200.0	0.47	129.39	5,197.9	-70.1	66.6	77.8	0.15	-0.05	17.01
5,300.0	0.44	161.87	5,297.9	-70.7	67.0	78.5	0.26	-0.03	32.48
5,400.0	0.40	194.35	5,397.9	-71.4	67.0	79.2	0.24	-0.04	32.48
5,500.0	0.58	177.38	5,497.9	-72.2	67.0	80.0	0.23	0.18	-16.97
5,600.0	0.77	160.41	5,597.9	-73.4	67.2	81.2	0.27	0.19	-16.97
5,700.0	1.07	157.02	5,697.9	-74.9	67.8	82.7	0.30	0.30	-3.39
5,800.0	1.36	153.62	5,797.9	-76.8	68.7	84.8	0.30	0.29	-3.40
5,900.0	1.21	131.36	5,897.9	-78.6	70.0	86.7	0.52	-0.15	-22.26
6,000.0	1.05	109.09	5,997.9	-79.6	71.7	87.9	0.46	-0.16	-22.27
6,100.0	1.02	109.55	6,097.8	-80.2	73.4	88.7	0.03	-0.03	0.46
6,200.0	1.00	110.01	6,197.8	-80.8	75.0	89.5	0.02	-0.02	0.46
6,300.0	0.97	115.56	6,297.8	-81.4	76.6	90.3	0.10	-0.03	5.55
6,400.0	0.96	121.12	6,397.8	-82.2	78.1	91.3	0.09	-0.01	5.56
6,500.0	1.06	125.11	6,497.8	-83.2	79.6	92.4	0.12	0.10	3.99
6,600.0	1.16	129.10	6,597.8	-84.3	81.1	93.8	0.13	0.10	3.99
6,700.0	1.09	125.93	6,697.7	-85.5	82.7	95.2	0.09	-0.07	-3.17
6,800.0	1.02	122.77	6,797.7	-86.6	84.2	96.4	0.09	-0.07	-3.16
6,900.0	0.98	126.37	6,897.7	-87.6	85.6	97.6	0.07	-0.04	3.60
7,000.0	0.93	129.97	6,997.7	-88.6	86.9	98.7	0.08	-0.05	3.60
Last GYRO Survey									
7,023.0	1.00	147.10	7,020.7	-88.9	87.2	99.1	1.29	0.30	74.48
First MWD Survey									
7,054.0	1.40	145.50	7,051.7	-89.4	87.6	99.6	1.29	1.29	-5.16
7,086.0	3.20	172.40	7,083.7	-90.6	87.9	100.9	6.41	5.63	84.06
7,117.0	5.10	175.40	7,114.6	-92.9	88.1	103.1	6.17	6.13	9.68
7,149.0	7.40	175.70	7,146.4	-96.3	88.4	106.6	7.19	7.19	0.94
7,180.0	9.90	174.70	7,177.0	-101.0	88.8	111.3	8.08	8.06	-3.23
7,212.0	12.40	174.80	7,208.4	-107.1	89.3	117.4	7.81	7.81	0.31
7,246.0	14.60	181.00	7,241.5	-115.1	89.6	125.3	7.74	6.47	18.24
7,276.0	17.90	183.30	7,270.3	-123.5	89.3	133.6	11.21	11.00	7.67
7,307.0	21.70	183.10	7,299.4	-133.9	88.7	143.9	12.26	12.26	-0.65
7,339.0	25.40	180.50	7,328.8	-146.7	88.3	156.6	12.01	11.56	-8.13
7,371.0	28.90	177.10	7,357.2	-161.3	88.6	171.1	11.96	10.94	-10.63
7,403.0	32.60	175.70	7,384.7	-177.6	89.7	187.4	11.78	11.56	-4.38
7,434.0	36.20	174.10	7,410.3	-195.1	91.2	204.9	11.97	11.61	-5.16
7,466.0	39.70	173.40	7,435.5	-214.6	93.4	224.6	11.02	10.94	-2.19
7,498.0	43.40	172.70	7,459.5	-235.7	96.0	245.8	11.65	11.56	-2.19
7,530.0	46.30	172.70	7,482.2	-258.1	98.8	268.4	9.06	9.06	0.00
7,561.0	49.00	172.60	7,503.1	-280.8	101.8	291.3	8.71	8.71	-0.32
7,593.0	51.90	170.80	7,523.4	-305.2	105.3	315.9	10.05	9.06	-5.63

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX 16-14H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 16-T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX 16-14H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 2003.21 Single User Db

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
7,625.0	55.30	169.20	7,542.4	-330.6	109.8	341.7	11.36	10.63	-5.00	
7,657.0	58.90	168.90	7,559.8	-356.9	114.9	368.5	11.28	11.25	-0.94	
7,688.0	62.50	169.20	7,575.0	-383.5	120.0	395.4	11.64	11.61	0.97	
7,720.0	65.80	170.40	7,588.9	-411.8	125.1	424.2	10.85	10.31	3.75	
7,752.0	68.60	171.70	7,601.3	-441.0	129.7	453.7	9.52	8.75	4.06	
7,784.0	71.60	172.60	7,612.2	-470.8	133.8	483.8	9.74	9.38	2.81	
7,815.0	74.00	173.10	7,621.4	-500.1	137.5	513.4	7.89	7.74	1.61	
7,847.0	77.50	173.40	7,629.2	-530.9	141.2	544.4	10.98	10.94	0.94	
7,879.0	81.30	174.10	7,635.1	-562.2	144.6	575.8	12.07	11.88	2.19	
7,901.0	83.10	174.00	7,638.1	-583.9	146.8	597.6	8.19	8.18	-0.45	
7,932.0	84.70	174.30	7,641.4	-614.5	150.0	628.4	5.25	5.16	0.97	
7,964.0	84.80	174.10	7,644.3	-646.2	153.2	660.3	0.70	0.31	-0.63	
7,996.0	85.00	173.80	7,647.2	-677.9	156.6	692.2	1.12	0.63	-0.94	
8,027.0	85.30	173.40	7,649.8	-708.6	160.0	723.0	1.61	0.97	-1.29	
8,059.0	85.60	173.60	7,652.3	-740.3	163.6	754.9	1.13	0.94	0.63	
8,091.0	86.00	173.60	7,654.7	-772.0	167.2	786.9	1.25	1.25	0.00	
8,123.0	86.30	173.60	7,656.8	-803.8	170.7	818.8	0.94	0.94	0.00	
8,154.0	86.60	173.60	7,658.8	-834.5	174.2	849.7	0.97	0.97	0.00	
8,186.0	87.10	173.60	7,660.5	-866.3	177.7	881.7	1.56	1.56	0.00	
8,218.0	87.80	173.60	7,661.9	-898.0	181.3	913.6	2.19	2.19	0.00	
8,250.0	86.40	173.60	7,663.6	-929.8	184.9	945.6	4.38	-4.38	0.00	
8,281.0	85.40	174.30	7,665.8	-960.5	188.1	976.5	3.93	-3.23	2.26	
8,313.0	85.50	174.30	7,668.3	-992.3	191.3	1,008.4	0.31	0.31	0.00	
8,345.0	85.70	174.10	7,670.8	-1,024.0	194.5	1,040.3	0.88	0.63	-0.63	
8,377.0	85.80	174.10	7,673.1	-1,055.8	197.8	1,072.2	0.31	0.31	0.00	
8,409.0	86.60	174.30	7,675.3	-1,087.5	201.0	1,104.1	2.58	2.50	0.63	
8,440.0	87.00	174.50	7,677.0	-1,118.3	204.1	1,135.0	1.44	1.29	0.65	
8,472.0	87.60	174.30	7,678.5	-1,150.2	207.2	1,167.0	1.98	1.88	-0.63	
8,504.0	88.00	174.10	7,679.7	-1,182.0	210.4	1,199.0	1.40	1.25	-0.63	
8,535.0	88.50	174.00	7,680.7	-1,212.8	213.6	1,229.9	1.64	1.61	-0.32	
8,567.0	89.10	174.10	7,681.3	-1,244.6	216.9	1,261.9	1.90	1.88	0.31	
8,599.0	89.30	174.10	7,681.8	-1,276.4	220.2	1,293.9	0.63	0.63	0.00	
8,631.0	89.70	174.10	7,682.1	-1,308.3	223.5	1,325.9	1.25	1.25	0.00	
8,662.0	90.10	174.70	7,682.1	-1,339.1	226.5	1,356.9	2.33	1.29	1.94	
8,694.0	90.70	174.50	7,681.9	-1,371.0	229.5	1,388.9	1.98	1.88	-0.63	
8,789.0	91.00	175.20	7,680.5	-1,465.6	238.1	1,483.8	0.80	0.32	0.74	
8,885.0	90.80	174.80	7,679.0	-1,561.2	246.4	1,579.7	0.47	-0.21	-0.42	
8,980.0	92.10	174.70	7,676.6	-1,655.8	255.1	1,674.7	1.37	1.37	-0.11	
9,043.0	91.80	173.40	7,674.4	-1,718.4	261.7	1,737.6	2.12	-0.48	-2.06	
9,139.0	92.50	172.00	7,670.8	-1,813.5	273.8	1,833.5	1.63	0.73	-1.46	
9,234.0	92.60	173.60	7,666.6	-1,907.7	285.7	1,928.4	1.69	0.11	1.68	
9,329.0	91.50	173.80	7,663.2	-2,002.1	296.2	2,023.4	1.18	-1.16	0.21	
9,424.0	92.40	173.30	7,660.0	-2,096.4	306.8	2,118.3	1.08	0.95	-0.53	
9,519.0	91.50	174.10	7,656.7	-2,190.8	317.2	2,213.2	1.27	-0.95	0.84	
9,615.0	93.70	174.30	7,652.4	-2,286.2	326.9	2,309.1	2.30	2.29	0.21	
9,710.0	92.50	173.80	7,647.3	-2,380.5	336.8	2,403.9	1.37	-1.26	-0.53	
9,805.0	91.10	174.30	7,644.3	-2,475.0	346.6	2,498.9	1.56	-1.47	0.53	
9,901.0	90.00	174.30	7,643.3	-2,570.5	356.1	2,594.8	1.15	-1.15	0.00	
9,996.0	90.90	174.30	7,642.6	-2,665.0	365.6	2,689.8	0.95	0.95	0.00	
10,092.0	91.50	174.10	7,640.6	-2,760.5	375.3	2,785.7	0.66	0.63	-0.21	
10,187.0	92.30	174.10	7,637.4	-2,854.9	385.0	2,880.7	0.84	0.84	0.00	
10,282.0	93.10	174.50	7,633.0	-2,949.4	394.5	2,975.5	0.94	0.84	0.42	
10,377.0	91.80	174.70	7,628.9	-3,043.9	403.4	3,070.4	1.38	-1.37	0.21	
10,473.0	92.20	174.50	7,625.6	-3,139.4	412.4	3,166.3	0.47	0.42	-0.21	

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX 16-14H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 16, T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX 16-14H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 2003.21 Single User Db

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,568.0	90.90	174.00	7,623.0	-3,233.9	421.9	3,261.2	1.47	-1.37	-0.53
10,663.0	92.40	174.10	7,620.2	-3,328.3	431.8	3,356.2	1.58	1.58	0.11
10,759.0	91.20	173.80	7,617.2	-3,423.7	441.9	3,452.1	1.29	-1.25	-0.31
10,854.0	90.10	172.70	7,616.2	-3,518.0	453.1	3,547.1	1.64	-1.16	-1.16
10,949.0	90.90	172.40	7,615.3	-3,612.2	465.4	3,642.1	0.90	0.84	-0.32
11,044.0	92.10	172.40	7,612.8	-3,706.4	477.9	3,737.0	1.26	1.26	0.00
11,140.0	90.90	173.10	7,610.3	-3,801.6	490.0	3,833.0	1.45	-1.25	0.73
11,235.0	91.70	173.30	7,608.2	-3,895.9	501.3	3,928.0	0.87	0.84	0.21
11,330.0	92.90	173.10	7,604.4	-3,990.1	512.5	4,022.9	1.28	1.26	-0.21
11,426.0	91.50	174.00	7,600.7	-4,085.5	523.3	4,118.8	1.73	-1.46	0.94
11,521.0	90.80	175.20	7,598.8	-4,180.0	532.2	4,213.8	1.46	-0.74	1.26
11,616.0	91.50	175.00	7,596.9	-4,274.6	540.4	4,308.7	0.77	0.74	-0.21
11,711.0	94.10	175.20	7,592.2	-4,369.2	548.5	4,403.5	2.74	2.74	0.21
11,807.0	93.50	174.30	7,585.9	-4,464.6	557.2	4,499.2	1.13	-0.63	-0.94
11,901.0	93.90	174.00	7,579.8	-4,557.9	566.8	4,593.0	0.53	0.43	-0.32
11,948.0	94.90	173.80	7,576.2	-4,604.5	571.8	4,639.8	2.17	2.13	-0.43
Last MWD Survey									
11,997.0	94.90	173.80	7,572.0	-4,653.0	577.0	4,688.6	0.00	0.00	0.00
Proj to TD - RDX 16-14H PBHL									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
100.0	100.0	-0.1	-0.1	First GYRO Survey
7,000.0	6,997.7	-88.6	86.9	Last GYRO Survey
7,023.0	7,020.7	-88.9	87.2	First MWD Survey
11,948.0	7,576.2	-4,604.5	571.8	Last MWD Survey
11,997.0	7,572.0	-4,653.0	577.0	Proj to TD

Checked By: _____	Approved By: _____	Date: _____
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