



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

RECEIVED

FEB 06

30-015-41266



December 3, 2013

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

RE: RDX Federal 21-31
2227' FSL & 577' FWL
Sec. 21, T26S, R30E
Eddy County, New Mexico

Dear Sir,

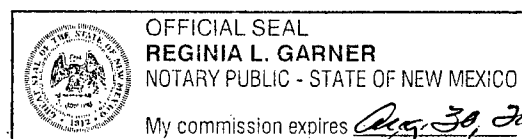
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 3^d day of December, 2013.

Notary Public

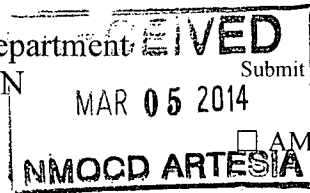
Date	Depth	Deviation	Direction	
11/19/2013	243	0.40	0.00	
11/20/2013	488	0.10	0.00	245
11/22/2013	838	0.30	328.20	350
11/22/2013	869	0.80	306.40	31
11/22/2013	899	1.90	303.50	30
11/22/2013	930	2.60	301.10	31
11/22/2013	961	3.40	298.20	31
11/22/2013	992	4.30	294.30	31
11/22/2013	1023	5.40	290.10	31
11/22/2013	1084	6.80	286.20	61
11/22/2013	1145	8.00	283.80	61
11/22/2013	1176	8.50	281.90	31
11/22/2013	1395	12.90	269.10	219
11/22/2013	1426	13.40	267.60	31
11/22/2013	1458	14.10	267.20	32
11/22/2013	1490	14.60	267.40	32
11/22/2013	1521	14.60	266.90	31
11/22/2013	1553	14.90	267.60	32
11/22/2013	1679	15.30	263.00	126
11/22/2013	1710	15.30	261.50	31
11/23/2013	1774	14.90	257.70	64
11/23/2013	1809	14.90	257.20	35
11/23/2013	1932	13.20	255.90	123
11/23/2013	1996	13.60	254.60	64
11/23/2013	2059	13.60	253.50	63
11/23/2013	2185	13.10	251.80	126
11/23/2013	2281	13.80	251.80	96
11/23/2013	2376	13.30	255.40	95
11/23/2013	2470	13.90	259.00	94
11/23/2013	2565	14.00	257.90	95
11/24/2013	2660	13.70	259.30	95
11/24/2013	2755	12.80	264.80	95
11/24/2013	2850	14.40	264.90	95
11/24/2013	2944	13.10	264.90	94
11/24/2013	3039	12.90	260.90	95
11/24/2013	3134	12.60	255.50	95
11/24/2013	3228	12.10	252.00	94
11/27/2013	3378	12.40	251.10	150
11/27/2013	3442	12.30	251.30	64
11/27/2013	3505	13.40	256.60	63
11/27/2013	3568	14.80	264.40	63
11/27/2013	3631	15.10	264.90	63
11/27/2013	3821	15.20	265.90	190
11/27/2013	3885	15.30	266.80	64
11/27/2013	4011	14.50	266.10	126

Date	Depth	Deviation	Direction	
11/27/2013	4074	14.30	265.50	63
11/27/2013	4137	14.20	266.20	63
11/27/2013	4201	14.20	265.50	64
11/27/2013	4264	14.10	267.80	63
11/27/2013	4328	13.20	267.90	64
11/27/2013	4391	12.10	264.00	63
11/27/2013	4454	11.30	263.50	63
11/27/2013	4517	10.90	261.70	63
11/28/2013	4580	10.30	265.90	63
11/28/2013	4644	9.80	271.50	64
11/28/2013	4707	8.70	280.10	63
11/28/2013	4770	6.70	287.10	63
11/28/2013	4833	4.50	285.90	63
11/28/2013	5023	1.20	281.00	190
11/28/2013	5086	1.30	322.10	63
11/28/2013	5118	1.30	352.00	32
11/28/2013	5213	1.70	14.40	95
11/28/2013	5276	1.90	20.10	63
11/28/2013	5340	1.80	12.20	64
11/28/2013	5403	1.50	27.00	63
11/28/2013	5466	1.30	28.30	63
11/28/2013	5530	1.30	28.50	64
11/28/2013	5593	1.30	19.30	63
11/28/2013	5656	1.50	15.90	63
11/29/2013	5720	0.30	24.10	64
11/29/2013	5783	0.00	146.30	63
11/29/2013	5846	0.10	321.40	63
11/29/2013	5940	0.10	220.30	94
11/29/2013	6035	0.10	170.50	95
11/29/2013	6129	0.20	71.80	94
11/29/2013	6320	0.10	15.90	191
11/29/2013	6415	0.30	199.80	95
11/29/2013	6511	0.50	174.90	96
11/29/2013	6605	0.30	198.90	94
11/29/2013	6700	0.30	184.90	95
11/29/2013	6795	0.40	168.30	95
11/30/2013	6890	0.50	190.80	95
11/30/2013	6985	0.70	191.60	95
11/30/2013	7081	0.70	174.20	96
11/30/2013	7176	0.60	174.10	95
11/30/2013	7270	0.60	191.20	94
11/30/2013	7365	0.40	212.60	95
11/30/2013	7422	0.80	185.50	57

EOF

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720
DISTRICT III
1000 Rio Bravo Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505



Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS DRILLED

API Number 30-015-41266	Pool Code 8090	Pool Name BRUSHY DRAW DELAWARE EAST
Property Code 39072	Property Name RDX FEDERAL 21	Well Number 31
OGRID No. 246289	Operator Name RKI EXPLORATION & PRODUCTION	Elevation 3009'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	26S	30E		2310	SOUTH	1400	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	21	26S	30E		2221	SOUTH	555	WEST	EDDY

Dedicated Acres 40									
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	RDX FEDERAL 21-31 SHL NMSP-E (NAD 83) Y = 373845.4' N X = 678617.5' E LAT. = 32° 01' 37.23" N LONG. = -103° 53' 25.26" W Y = 373788.1' N X = 637431.3' E LAT. = 32.02688° N LONG. = -103.8898716° W POINT OF PENETRATION NMSP-E (NAD 83) Y = 373760.1' N X = 677773.3' E LAT. = 32° 01' 36.42" N LONG. = 103° 53' 35.07" W NMSP-E (NAD 27) Y = 373702.7' N X = 636587.1' E LAT. = 32.026657222° N LONG. = 103.892596569° W FIRST TAKE POINT NMSP-E (NAD 83) Y = 373760.1' N X = 677773.3' E LAT. = 32° 01' 36.42" N LONG. = 103° 53' 35.07" W NMSP-E (NAD 27) Y = 373703.1' N X = 636587.2' E LAT. = 32.026658380° N LONG. = 103.892596138° W LAST TAKE POINT NMSP-E (NAD 83) Y = 373754.6' N X = 677773.8' E LAT. = 32° 01' 36.36" N LONG. = 103° 53' 35.06" W NMSP-E (NAD 27) Y = 373697.2' N X = 636587.6' E LAT. = 32.026642048° N LONG. = 103.892595002° W RDX FEDERAL 21-31 BHL NMSP-E (NAD 83) Y = 373751.8' N X = 677773.3' E LAT. = 32° 01' 36.33" N LONG. = 103° 53' 35.07" W NMSP-E (NAD 27) Y = 373694.4' N X = 636587.1' E LAT. = 32.0266343° N LONG. = 103.8925967° W	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Heather Brehm</i> Date: 2/10/2014 Print Name: Heather Brehm E-mail Address: hbrehm@rkixp.com SURVEYORS CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 30, 2014 Date of Survey Signature and Seal of Professional Surveyor: <i>James E. Tompkins</i> Job No.: WTC49681 JAMES E. TOMPKINS 14729 Certificate Number
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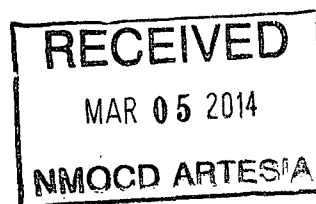
RKI Exploration & Production

Eddy County (NM83E)

Sec 21-T26S-R30E

RDX 21-31

Wellbore #1



Survey: Survey #1

Standard Survey Report

01 December, 2013

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX 21-31
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 21-T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX 21-31	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	264.13	

Survey Program	Date 2013/12/01			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
838.0	7,470.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
838.0	0.30	328.20	838.0	1.9	-1.2	1.0	0.04	0.04	0.00
First MWD Survey									
869.0	0.80	306.40	869.0	2.1	-1.4	1.2	1.72	1.61	-70.32
899.0	1.90	303.50	899.0	2.5	-2.0	1.7	3.67	3.67	-9.67
930.0	2.60	301.10	930.0	3.1	-3.0	2.7	2.28	2.26	-7.74
961.0	3.40	298.20	960.9	3.9	-4.4	4.0	2.63	2.58	-9.35
992.0	4.30	294.30	991.8	4.8	-6.3	5.7	3.02	2.90	-12.58
1,022.0	5.10	290.10	1,021.7	5.7	-8.5	7.9	2.90	2.67	-14.00
1,053.0	6.10	288.00	1,052.6	6.7	-11.4	10.7	3.29	3.23	-6.77
1,084.0	6.80	286.20	1,083.4	7.7	-14.7	13.9	2.35	2.26	-5.81
1,115.0	7.50	285.40	1,114.2	8.8	-18.4	17.5	2.28	2.26	-2.58
1,145.0	8.00	283.80	1,143.9	9.8	-22.4	21.2	1.82	1.67	-5.33
1,175.0	8.50	281.90	1,173.6	10.8	-26.6	25.3	1.90	1.67	-6.33
1,206.0	9.20	279.50	1,204.2	11.6	-31.2	29.9	2.55	2.26	-7.74
1,237.0	9.80	277.50	1,234.8	12.4	-36.3	34.8	2.21	1.94	-6.45
1,269.0	10.40	275.80	1,266.3	13.0	-41.9	40.3	2.09	1.88	-5.31
1,300.0	11.00	273.50	1,296.7	13.5	-47.6	46.0	2.38	1.94	-7.42
1,332.0	11.80	272.30	1,328.1	13.8	-53.9	52.2	2.61	2.50	-3.75
1,363.0	12.30	271.10	1,358.4	14.0	-60.4	58.7	1.80	1.61	-3.87
1,395.0	12.90	269.10	1,389.7	14.0	-67.4	65.6	2.32	1.88	-6.25
1,426.0	13.40	267.60	1,419.8	13.8	-74.4	72.6	1.95	1.61	-4.84
1,458.0	14.10	267.20	1,450.9	13.5	-82.0	80.2	2.21	2.19	-1.25
1,490.0	14.60	267.40	1,481.9	13.1	-89.9	88.1	1.57	1.56	0.63
1,521.0	14.60	266.90	1,511.9	12.7	-97.8	95.9	0.41	0.00	-1.61
1,553.0	14.90	267.90	1,542.9	12.3	-105.9	104.1	1.23	0.94	3.13
1,584.0	15.10	266.60	1,572.8	12.0	-113.9	112.1	1.26	0.65	-4.19
1,616.0	15.20	265.00	1,603.7	11.3	-122.2	120.4	1.34	0.31	-5.00
1,647.0	15.30	263.30	1,633.6	10.5	-130.4	128.6	1.48	0.32	-5.48
1,679.0	15.30	263.00	1,664.5	9.5	-138.7	137.0	0.25	0.00	-0.94
1,710.0	15.30	261.50	1,694.4	8.4	-146.8	145.2	1.28	0.00	-4.84
1,742.0	14.90	258.80	1,725.3	7.0	-155.1	153.5	2.53	-1.25	-8.44
1,774.0	14.90	257.70	1,756.2	5.3	-163.1	161.7	0.88	0.00	-3.44
1,805.0	14.90	257.20	1,786.2	3.6	-170.9	169.6	0.41	0.00	-1.61
1,869.0	13.40	256.60	1,848.2	0.0	-186.1	185.2	2.35	-2.34	-0.94
1,932.0	13.30	255.90	1,909.5	-3.4	-200.3	199.6	0.30	-0.16	-1.11
1,996.0	13.60	254.60	1,971.8	-7.2	-214.7	214.3	0.67	0.47	-2.03
2,059.0	13.60	253.50	2,033.0	-11.3	-228.9	228.9	0.41	0.00	-1.75
2,122.0	13.20	252.20	2,094.3	-15.6	-242.8	243.2	0.79	-0.63	-2.06

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX-21-31
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 21 T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX-21-31	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)
2,185.0	13.10	251.80	2,155.6	-20.0	-256.5	257.2	0.21	-0.16	-0.63
2,281.0	13.30	251.80	2,249.1	-26.9	-277.3	278.6	0.21	0.21	0.00
2,376.0	13.30	255.40	2,341.5	-33.0	-298.3	300.1	0.87	0.00	3.79
2,470.0	13.90	259.00	2,432.9	-37.9	-319.8	322.0	1.10	0.64	3.83
2,565.0	14.00	257.90	2,525.1	-42.5	-342.2	344.8	0.30	0.11	-1.16
2,660.0	13.70	259.30	2,617.3	-47.0	-364.5	367.4	0.47	-0.32	1.47
2,755.0	12.80	264.80	2,709.8	-50.0	-386.1	389.2	1.63	-0.95	5.79
2,849.0	12.40	264.90	2,801.6	-51.9	-406.5	409.7	0.43	-0.43	0.11
2,944.0	13.10	264.90	2,894.2	-53.7	-427.4	430.6	0.74	0.74	0.00
3,039.0	12.90	260.90	2,986.8	-56.4	-448.6	452.0	0.97	-0.21	-4.21
3,134.0	12.60	255.50	3,079.4	-60.6	-469.1	472.8	1.29	-0.32	-5.68
3,228.0	12.10	252.00	3,171.3	-66.3	-488.4	492.6	0.96	-0.53	-3.72
3,305.0	12.80	252.60	3,246.5	-71.3	-504.2	508.8	0.92	0.91	0.78
3,378.0	12.40	252.30	3,317.7	-76.1	-519.4	524.4	0.56	-0.55	-0.41
3,442.0	12.30	251.30	3,380.2	-80.4	-532.4	537.8	0.37	-0.16	-1.56
3,505.0	13.40	256.60	3,441.6	-84.2	-545.8	551.6	2.56	1.75	8.41
3,568.0	14.80	264.40	3,502.7	-86.7	-560.9	566.9	3.74	2.22	12.38
3,631.0	15.10	264.90	3,563.6	-88.2	-577.1	583.1	0.52	0.48	0.79
3,695.0	14.90	264.50	3,625.4	-89.7	-593.6	599.7	0.35	-0.31	-0.63
3,758.0	14.80	263.80	3,686.3	-91.4	-609.7	615.8	0.33	-0.16	-1.11
3,821.0	15.20	265.90	3,747.2	-92.9	-625.9	632.1	1.07	0.63	3.33
3,885.0	15.30	266.80	3,808.9	-93.9	-642.7	649.0	0.40	0.16	1.41
3,948.0	15.00	266.40	3,869.7	-94.9	-659.2	665.4	0.50	-0.48	-0.63
4,011.0	14.50	266.10	3,930.7	-95.9	-675.2	681.4	0.80	-0.79	-0.48
4,074.0	14.30	265.50	3,991.7	-97.1	-690.8	697.1	0.40	-0.32	-0.95
4,137.0	14.20	266.20	4,052.7	-98.2	-706.2	712.6	0.32	-0.16	1.11
4,201.0	14.20	265.50	4,114.8	-99.4	-721.9	728.3	0.27	0.00	-1.09
4,264.0	14.10	267.80	4,175.9	-100.3	-737.3	743.7	0.91	-0.16	3.65
4,328.0	13.20	267.90	4,238.1	-100.8	-752.4	758.7	1.41	-1.41	0.16
4,391.0	12.10	264.00	4,299.5	-101.8	-766.1	772.5	2.21	-1.75	-6.19
4,454.0	11.30	263.50	4,361.2	-103.2	-778.8	785.3	1.28	-1.27	-0.79
4,517.0	10.90	261.70	4,423.1	-104.7	-790.9	797.4	0.84	-0.63	-2.86
4,580.0	10.30	265.90	4,485.0	-106.0	-802.4	809.0	1.55	-0.95	6.67
4,644.0	9.80	271.50	4,548.0	-106.2	-813.5	820.1	1.71	-0.78	8.75
4,707.0	8.70	280.10	4,610.2	-105.3	-823.6	830.0	2.80	-1.75	13.65
4,770.0	6.70	287.10	4,672.6	-103.4	-831.8	838.0	3.50	-3.17	11.11
4,833.0	4.50	285.90	4,735.3	-101.6	-837.7	843.7	3.50	-3.49	-1.90
4,896.0	3.30	278.90	4,798.2	-100.6	-841.8	847.7	2.05	-1.90	-11.11
4,959.0	2.40	278.90	4,861.1	-100.2	-844.9	850.7	1.43	-1.43	0.00
5,023.0	1.20	281.00	4,925.0	-99.8	-846.9	852.7	1.88	-1.88	3.28
5,086.0	1.30	322.10	4,988.0	-99.1	-848.0	853.7	1.40	0.16	65.24
5,150.0	1.30	352.00	5,052.0	-97.8	-848.5	854.1	1.05	0.00	46.72
5,213.0	1.70	14.40	5,115.0	-96.2	-848.4	853.8	1.12	0.63	35.56
5,276.0	1.90	20.10	5,178.0	-94.3	-847.8	853.0	0.43	0.32	9.05
5,340.0	1.80	12.20	5,241.9	-92.4	-847.2	852.2	0.43	-0.16	-12.34
5,403.0	1.50	27.00	5,304.9	-90.7	-846.7	851.5	0.82	-0.48	23.49
5,466.0	1.30	28.30	5,367.9	-89.3	-845.9	850.6	0.32	-0.32	2.06
5,530.0	1.30	28.50	5,431.9	-88.0	-845.3	849.8	0.01	0.00	0.31
5,593.0	1.30	19.30	5,494.9	-86.7	-844.7	849.1	0.33	0.00	-14.60
5,656.0	1.50	15.90	5,557.8	-85.2	-844.2	848.5	0.34	0.32	-5.40
5,720.0	0.30	24.10	5,621.8	-84.3	-843.9	848.1	1.88	-1.88	12.81
5,783.0	0.00	146.30	5,684.8	-84.1	-843.9	848.0	0.48	-0.48	0.00
5,846.0	0.10	321.40	5,747.8	-84.1	-843.9	848.1	0.16	0.16	0.00
5,940.0	0.10	220.30	5,841.8	-84.1	-844.0	848.2	0.16	0.00	-107.55

Wolverine Directional, LLC

Survey Report

Company:	RKI Exploration & Production	Local Co-ordinate Reference:	Well RDX 21-31
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 21-T26S-R30E	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	RDX 21-31	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)
6,035.0	0.10	170.50	5,936.8	-84.2	-844.0	848.2	0.09	0.00	-52.42
6,129.0	0.20	71.80	6,030.8	-84.3	-843.9	848.1	0.25	0.11	-105.00
6,225.0	0.20	105.30	6,126.8	-84.3	-843.5	847.7	0.12	0.00	34.90
6,320.0	0.10	15.90	6,221.8	-84.2	-843.4	847.5	0.23	-0.11	-94.11
6,415.0	0.30	199.80	6,316.8	-84.4	-843.4	847.6	0.42	0.21	-185.37
6,511.0	0.50	174.90	6,412.8	-85.0	-843.5	847.7	0.27	0.21	-25.94
6,605.0	0.30	198.90	6,506.8	-85.7	-843.5	847.8	0.27	-0.21	25.53
6,700.0	0.30	184.90	6,601.8	-86.2	-843.6	848.0	0.08	0.00	-14.74
6,795.0	0.40	168.30	6,696.8	-86.7	-843.6	848.0	0.15	0.11	-17.47
6,890.0	0.50	190.80	6,791.8	-87.5	-843.6	848.1	0.21	0.11	23.68
6,985.0	0.70	191.60	6,886.8	-88.4	-843.8	848.4	0.21	0.21	0.84
7,081.0	0.70	174.20	6,982.8	-89.6	-843.8	848.6	0.22	0.00	-18.13
7,175.0	0.60	174.10	7,076.8	-90.7	-843.7	848.6	0.11	-0.11	-0.11
7,270.0	0.60	191.20	7,171.8	-91.6	-843.8	848.7	0.19	0.00	18.00
7,365.0	0.40	212.60	7,266.8	-92.4	-844.0	849.1	0.28	-0.21	22.53
7,422.0	0.80	185.50	7,323.8	-93.0	-844.2	849.3	0.84	0.70	-47.54
Last MWD Survey									
7,470.0	0.80	185.50	7,371.8	-93.6	-844.2	849.4	0.00	0.00	0.00
Proj to TD - RDX 21-31 PBHL									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
838.0	838.0	1.9	-1.2	First MWD Survey
7,422.0	7,323.8	-93.0	-844.2	Last MWD Survey
7,470.0	7,371.8	-93.6	-844.2	Proj to TD

Checked By: _____ Approved By: _____ Date: _____