



Job Number: SVMO-140615
 Company: RKI Exploration & Production LLC
 Lease/Well: RDX Federal Com 17 20H
 Location: Eddy County, NM
 Rig Name: Silver Oak #10
 RKB: 17'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.14°
 Grid: East To Grid North
 File name: S:\2014SU~1\RKIEP~1\MO\RDxFED~1\1720H.SVY
 Date/Time: 20-May-14 / 12:14
 Curve Name: Surface - 1400' M.D. (Rate Gyro)

MS SURVEY

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method
 Vertical Section Plane 181.12
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
 Surface MD to 1400' MD is, to the best of
 our knowledge a true and accurate account of
 the well bore.

James Gally 5/20/14
 MS Energy Services Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.34	296.79	100.00	.13	-.26	-.13	.30	296.79	.34
200.00	.38	290.76	200.00	.39	-.84	-.37	.92	294.63	.06
300.00	.52	297.98	299.99	.72	-1.55	-.69	1.71	294.77	.15
400.00	.68	303.95	399.99	1.26	-2.44	-1.21	2.75	297.27	.17
500.00	.70	303.79	499.98	1.93	-3.44	-1.86	3.95	299.28	.02
600.00	.93	312.79	599.97	2.82	-4.55	-2.73	5.35	301.83	.26
700.00	1.17	341.80	699.96	4.34	-5.46	-4.24	6.98	308.49	.57
800.00	1.18	27.29	799.94	6.23	-5.31	-6.12	8.18	319.56	.91
900.00	2.02	65.95	899.90	7.86	-3.23	-7.80	8.50	337.69	1.32

15-41381



PHOENIX
TECHNOLOGY SERVICES

July 28, 2014

RKI Exploration and Production
Attention: Regulatory Department
210 Park Avenue, Suite 900
Oklahoma City, OK 73102

NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 19 2014

Re: RKI Exploration and Production
RDX Federal Com 17-20H (WB2)
Eddy County, NM
API #30-015-41318
Job No. 1410739

RECEIVED

Dear Regulatory Department,

Phoenix Technology Services, Inc. has filed the Survey Data Certification, Surveys, and Lease Plat for the above referenced well with the Texas Railroad Commission via certification online. A copy of the filing is attached for your records.

Name of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Jeff Thomas	20H	3,650	12,880	06/05/14	06/28/14	MWD

Thank you for the opportunity to be of service. Please contact me if you have any questions or require additional information.

Best Regards,

Dana Robinson

Dana Robinson
Operations Administrator

Phoenix Technology Services SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER

1410739

OPERATOR

RKI Exploration

WELL NAME

RDX Federal Com 17-20H (WB2)

COUNTY & STATE

EDDY/New Mexico

API WELL NUMBER

30-015-41381

PROPOSED DIRECTION

175.47

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
3,542 ft	3,521.10 ft	4.0	334.7	274.24 ft	105.97 ft	Side Track

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
5-Jun-14	3,650 ft	5.6	51.3

SURVEY INSTRUMENT

TYPE

Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
28-Jun-14	12,880 ft	92.00	177.70

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED	PROJECTED		
TD SURVEY	TD SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
28-Jun-14	12,935 ft	92.00	177.70

Jeffrey Thomas

PRINT YOUR NAME ABOVE

Jeffrey Thomas

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	
	7.37
DECLINATION OR GRID	DECLINATION

28-Jun-14

TODAY'S DATE

MWD SUPERVISOR 1

Jeff Thomas

DIRECTIONAL DRILLER 1

John Schlottman

MWD SUPERVISOR 2

Shawn Ramnarine

DIRECTIONAL DRILLER 2

Lee Scoggins

1805 Brittmore Road

Houston, Texas 77043

(713)3370609 (Voice), (713)337-0599 (Fax)



PHOENIX
TECHNOLOGY SERVICES

RKI Exploration

Eddy County, New Mexico (NAD 83)

RDX Federal Com 17

20H

WB #2 Job #1410739

Survey: Phoenix MWD Surveys

Standard Survey Report

29 June, 2014





Phoenix Technology Services Survey Report



Company:	RKI Exploration	Local Co-ordinate Reference:	Well 20H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 3098.00usft (Silver Oak 10)
Site:	RDX Federal Com 17	MD Reference:	WELL @ 3098.00usft (Silver Oak 10)
Well:	20H	North Reference:	Grid
Wellbore:	WB #2 Job #1410739	Survey Calculation Method:	Minimum Curvature
Design:	WB #2 Job #1410739	Database:	Compass 5000 GCR DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,314.00	9.10	86.50	4,284.88	291.71	-5.12	-291.20	0.33	-0.32	-0.63
4,408.00	9.70	91.70	4,377.72	291.93	10.22	-290.21	1.11	0.64	5.53
4,502.00	8.70	92.40	4,470.50	291.39	25.24	-288.49	1.07	-1.06	0.74
4,598.00	9.60	86.90	4,565.28	291.52	40.49	-287.41	1.31	0.94	-5.73
4,694.00	9.10	86.60	4,660.01	292.41	56.06	-287.06	0.52	-0.52	-0.31
4,790.00	9.50	96.90	4,754.75	291.90	71.50	-285.34	1.78	0.42	10.73
4,885.00	9.90	98.20	4,848.39	289.80	87.37	-281.99	0.48	0.42	1.37
4,980.00	9.40	98.70	4,942.05	287.46	103.12	-278.42	0.53	-0.53	0.53
5,075.00	9.30	91.40	5,035.79	286.10	118.46	-275.85	1.25	-0.11	-7.68
5,170.00	8.60	89.90	5,129.63	285.92	133.24	-274.51	0.78	-0.74	-1.58
5,265.00	8.00	92.30	5,223.64	285.67	146.95	-273.17	0.73	-0.63	2.53
5,358.00	8.00	92.40	5,315.73	285.14	159.88	-271.62	0.01	0.00	0.11
5,454.00	9.80	89.00	5,410.58	285.00	174.72	-270.31	1.95	1.88	-3.54
5,549.00	9.40	88.60	5,504.24	285.33	190.56	-269.39	0.43	-0.42	-0.42
5,643.00	8.90	87.20	5,597.05	285.88	205.50	-268.75	0.58	-0.53	-1.49
5,737.00	9.10	88.80	5,689.89	286.39	220.20	-268.10	0.34	0.21	1.70
5,831.00	8.40	89.30	5,782.80	286.63	234.49	-267.21	0.75	-0.74	0.53
5,927.00	8.20	90.10	5,877.79	286.70	248.35	-266.19	0.24	-0.21	0.83
6,022.00	7.80	89.50	5,971.67	286.74	261.57	-265.19	0.43	-0.42	-0.63
6,147.00	7.30	86.50	6,095.78	287.30	277.98	-264.45	0.51	-0.40	-2.40
6,243.00	6.60	98.80	6,191.08	286.83	289.52	-263.07	1.71	-0.73	12.81
6,338.00	6.60	101.10	6,285.45	284.94	300.27	-260.34	0.28	0.00	2.42
6,432.00	6.20	100.00	6,378.87	283.02	310.57	-257.61	0.45	-0.43	-1.17
6,526.00	6.30	106.20	6,472.31	280.70	320.53	-254.51	0.73	0.11	6.60
6,621.00	5.90	101.30	6,566.77	278.29	330.32	-251.33	0.69	-0.42	-5.16
6,715.00	6.20	103.90	6,660.25	276.13	339.98	-248.41	0.43	0.32	2.77
6,811.00	5.50	105.70	6,755.75	273.64	349.45	-245.18	0.75	-0.73	1.88
6,904.00	4.30	105.10	6,848.41	271.52	357.10	-242.47	1.29	-1.29	-0.65
7,000.00	1.80	104.30	6,944.28	270.21	362.04	-240.77	2.60	-2.60	-0.83
7,099.00	0.60	159.20	7,043.24	269.34	363.73	-239.77	1.55	-1.21	55.45
7,192.00	0.80	181.80	7,136.23	268.24	363.88	-238.66	0.36	0.22	24.30
7,285.00	0.90	164.30	7,229.22	266.89	364.06	-237.30	0.30	0.11	-18.82
7,379.00	0.90	218.70	7,323.21	265.60	363.80	-236.04	0.88	0.00	57.87
7,473.00	1.00	210.30	7,417.20	264.32	362.92	-234.83	0.18	0.11	-8.94
7,565.00	0.70	208.30	7,509.19	263.13	362.25	-233.69	0.33	-0.33	-2.17
7,659.00	0.70	205.80	7,603.18	262.10	361.73	-232.72	0.03	0.00	-2.66
7,723.00	0.70	179.40	7,667.18	261.36	361.56	-231.99	0.50	0.00	-41.25
7,802.00	0.80	200.90	7,746.17	260.36	361.37	-231.01	0.38	0.13	27.22
7,865.00	1.00	220.20	7,809.17	259.53	360.86	-230.22	0.57	0.32	30.63
7,897.00	0.70	233.20	7,841.16	259.20	360.52	-229.92	1.11	-0.94	40.63
7,928.00	5.00	184.60	7,872.12	257.74	360.26	-228.48	14.73	13.87	-156.77
7,960.00	7.20	189.70	7,903.94	254.38	359.81	-225.16	7.07	6.88	15.94
7,991.00	6.50	200.30	7,934.71	250.81	358.88	-221.69	4.65	-2.26	34.19



Phoenix Technology Services

Survey Report



Company:	RKI Exploration	Local Co-ordinate Reference:	Well 20H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 3098.00usft (Silver Oak 10)
Site:	RDX Federal Com 17	MD Reference:	WELL @ 3098.00usft (Silver Oak 10)
Well:	20H	North Reference:	Grid
Wellbore:	WB #2 Job #1410739	Survey Calculation Method:	Minimum Curvature
Design:	WB #2 Job #1410739	Database:	Compass 5000 GCR DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,111.00	92.10	182.30	8,494.34	-1,562.45	370.68	1,588.85	2.56	-2.53	0.42
10,204.00	92.00	181.70	8,491.01	-1,655.33	367.44	1,679.18	0.65	-0.11	-0.65
10,267.00	90.70	181.40	8,489.52	-1,718.29	365.73	1,741.81	2.12	-2.06	-0.48
10,362.00	90.00	181.40	8,488.94	-1,813.26	363.41	1,836.30	0.74	-0.74	0.00
10,457.00	90.20	181.10	8,488.78	-1,908.24	361.34	1,930.82	0.38	0.21	-0.32
10,551.00	90.70	181.40	8,488.04	-2,002.21	359.29	2,024.34	0.62	0.53	0.32
10,646.00	90.00	180.50	8,487.46	-2,097.20	357.72	2,118.90	1.20	-0.74	-0.95
10,741.00	89.70	180.10	8,487.71	-2,192.20	357.22	2,213.56	0.53	-0.32	-0.42
10,835.00	89.90	180.30	8,488.04	-2,286.19	356.89	2,307.24	0.30	0.21	0.21
10,930.00	89.60	180.80	8,488.45	-2,381.19	355.98	2,401.87	0.61	-0.32	0.53
11,025.00	91.10	182.30	8,487.87	-2,476.15	353.41	2,496.32	2.23	1.58	1.58
11,120.00	91.40	183.10	8,485.80	-2,571.02	348.94	2,590.54	0.90	0.32	0.84
11,215.00	90.40	182.70	8,484.31	-2,665.88	344.13	2,684.73	1.13	-1.05	-0.42
11,309.00	89.90	180.60	8,484.06	-2,759.84	341.42	2,778.18	2.30	-0.53	-2.23
11,404.00	88.90	179.70	8,485.05	-2,854.83	341.17	2,872.86	1.42	-1.05	-0.95
11,499.00	88.50	180.60	8,487.21	-2,949.80	340.93	2,967.52	1.04	-0.42	0.95
11,594.00	91.10	179.90	8,487.54	-3,044.79	340.51	3,062.18	2.83	2.74	-0.74
11,688.00	91.70	179.10	8,485.25	-3,138.76	341.33	3,155.91	1.06	0.64	-0.85
11,783.00	90.80	178.80	8,483.17	-3,233.72	343.07	3,250.72	1.00	-0.95	-0.32
11,878.00	90.00	179.40	8,482.51	-3,328.71	344.56	3,345.52	1.05	-0.84	0.63
11,972.00	91.60	177.80	8,481.20	-3,422.66	346.86	3,439.37	2.41	1.70	-1.70
12,067.00	89.80	177.20	8,480.04	-3,517.56	351.00	3,534.30	2.00	-1.89	-0.63
12,162.00	89.90	175.90	8,480.29	-3,612.39	356.72	3,629.28	1.37	0.11	-1.37
12,256.00	91.90	178.10	8,478.81	-3,706.24	361.64	3,723.22	3.16	2.13	2.34
12,351.00	92.50	179.20	8,475.16	-3,801.14	363.88	3,818.00	1.32	0.63	1.16
12,446.00	91.40	179.30	8,471.93	-3,896.07	365.12	3,912.74	1.16	-1.16	0.11
12,541.00	90.00	178.10	8,470.77	-3,991.04	367.27	4,007.58	1.94	-1.47	-1.26
12,636.00	91.50	178.20	8,469.53	-4,085.98	370.34	4,102.46	1.58	1.58	0.11
12,730.00	91.60	177.40	8,466.98	-4,179.87	373.95	4,196.35	0.86	0.11	-0.85
12,825.00	91.80	177.40	8,464.16	-4,274.73	378.25	4,291.25	0.21	0.21	0.00
12,880.00	92.00	177.70	8,462.34	-4,329.65	380.60	4,346.19	0.66	0.36	0.55
Final Phoenix MWD Survey									
12,935.00	92.00	177.70	8,460.42	-4,384.57	382.81	4,401.11	0.00	0.00	0.00
Projection to TD									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,650.00	3,628.81	280.95	-103.47	First WB2 Survey
12,880.00	8,462.34	-4,329.65	380.60	Final Phoenix MWD Survey
12,935.00	8,460.42	-4,384.57	382.81	Projection to TD



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

July 3, 2014

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

RE: RDX Federal Com 17-20H
330' FNL & 790' FEL
Sec. 17, T26S, R30E
Eddy County, New Mexico

Dear Sir,

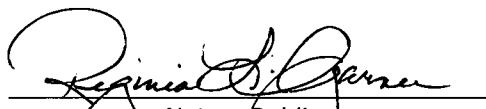
The attached is the Deviation Survey for the above captioned well.

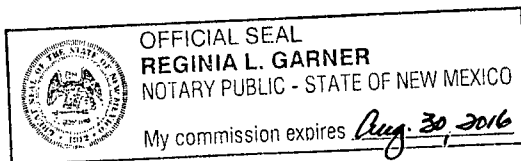
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 3rd day of July, 2014.


Notary Public



RDX FEDERAL COM 17-20H

Date	Depth	Deviation	Direction	TVD
5/5/2014	208	0.40	0.00	0.00
5/6/2014	506	0.90	0.00	0.00
5/6/2014	870	1.40	0.00	0.00
5/8/2014	1003	2.90	70.10	1002.00
5/8/2014	1095	2.60	70.00	1094.00
5/8/2014	1188	2.00	70.00	1187.00
5/8/2014	1280	2.50	55.80	0.00
5/8/2014	1371	3.20	34.30	1370.00
5/8/2014	1467	4.60	3.60	1465.00
5/8/2014	1655	6.90	336.40	1653.00
5/8/2014	1748	7.70	331.00	1745.00
5/8/2014	1843	8.70	332.90	1839.00
5/8/2014	1938	9.20	330.10	1933.00
5/9/2014	2032	9.20	326.10	2026.00
5/9/2014	2127	9.50	329.10	2119.00
5/9/2014	2222	8.90	330.50	2213.00
5/9/2014	2317	9.30	33.20	2307.00
5/9/2014	2412	8.20	3305.00	2401.00
5/9/2014	2506	9.50	326.70	2493.00
5/9/2014	2695	10.20	328.20	2680.00
5/9/2014	2787	9.20	335.00	2770.00
5/9/2014	2882	7.90	339.90	2864.00
5/10/2014	2977	7.90	342.10	2958.00
5/10/2014	3072	7.50	337.30	3053.00
5/10/2014	3168	6.20	337.50	3148.00
5/10/2014	3262	5.50	342.60	3241.00
5/10/2014	3355	4.90	339.20	3334.00
5/12/2014	3480	4.70	335.20	3459.00
5/12/2014	3542	4.00	234.70	3520.00
5/12/2014	3636	2.80	2.20	3614.00
5/12/2014	3636	2.80	2.20	3708.00
5/12/2014	4013	0.60	59.80	3991.00
5/12/2014	4352	0.60	51.00	0.00
5/12/2014	4582	0.50	51.80	4560.00
5/12/2014	4866	0.70	48.40	4844.00
5/12/2014	5147	1.10	217.80	5125.00
5/13/2014	5430	1.20	224.70	5408.00
5/13/2014	5730	1.20	89.10	0.00
5/13/2014	5991	1.50	90.10	5969.00
5/13/2014	6276	0.80	88.10	6254.00
5/14/2014	6560	1.20	131.20	6538.00
5/14/2014	6845	1.30	154.30	6823.00
5/14/2014	7182	1.40	152.40	0.00

Date	Depth	Deviation	Direction	TVD
5/14/2014	7411	0.40	181.70	7389.00
5/14/2014	7698	3.70	243.70	7676.00
5/15/2014	7818	2.20	282.20	7796.00
5/16/2014	7859	1.10	309.90	7837.00
5/16/2014	7890	0.30	111.30	7868.00
5/16/2014	7921	1.00	173.30	7899.00
5/16/2014	7952	2.00	163.20	7930.00
5/16/2014	8046	5.30	187.30	8023.00
5/17/2014	8108	6.80	193.30	8085.00
5/17/2014	8140	7.60	197.00	8117.00
5/17/2014	8171	9.40	196.00	8147.00
5/17/2014	8202	11.50	190.40	8178.00
5/18/2014	8233	13.60	186.80	8208.00
5/18/2014	8264	17.20	181.50	8238.00
5/18/2014	8295	22.40	178.30	8267.00
5/18/2014	8358	32.70	176.80	8323.00
5/18/2014	8389	37.00	176.60	8348.00
5/18/2014	8420	41.20	176.40	8372.00
5/18/2014	8451	44.80	176.80	8431.00
5/18/2014	8513	52.80	178.30	8436.00
5/18/2014	8545	58.60	178.10	8454.00
5/19/2014	8573	64.40	177.40	8467.00
5/19/2014	8635	71.20	173.80	8491.00
5/19/2014	8666	73.90	174.50	8500.00
5/19/2014	8698	76.10	174.40	8509.00
5/19/2014	8729	79.00	175.20	8515.00
5/19/2014	8759	82.50	175.40	8520.00
5/19/2014	8852	90.50	178.00	8525.00
5/19/2014	8946	92.00	177.80	0.00
5/20/2014	9039	91.70	179.80	8519.00
5/20/2014	9132	88.50	181.00	8519.00
5/20/2014	9163	89.60	181.00	8519.00
5/20/2014	9319	91.20	181.30	8520.00
5/20/2014	9412	90.20	181.80	8518.00
5/20/2014	9505	91.00	181.70	8517.00
5/20/2014	9598	92.20	180.30	8515.00
5/20/2014	9692	92.20	181.40	8511.00
5/20/2014	9785	90.70	182.40	8509.00
5/21/2014	9878	91.10	182.50	8508.00
5/21/2014	9971	91.50	181.90	8505.00
5/22/2014	10064	94.00	180.80	8501.00
5/22/2014	10157	92.60	180.60	8496.00
5/22/2014	10251	90.80	180.60	8493.00
5/22/2014	10344	90.40	180.30	8492.00
5/22/2014	10437	90.20	179.60	8491.00

Date	Depth	Deviation	Direction	TVD
5/22/2014	10530	90.20	179.40	8491.00
5/22/2014	10624	90.60	178.30	8491.00
5/22/2014	10717	91.20	176.60	8489.00
5/22/2014	10811	90.50	178.90	8488.00
5/22/2014	10904	90.90	178.70	8488.00
5/22/2014	10998	91.80	178.80	8484.00
5/23/2014	11184	93.00	178.30	8477.00
5/23/2014	11277	91.10	178.60	8473.00
5/23/2014	11370	88.90	179.50	8474.00
5/23/2014	11463	88.80	178.20	2856.00
5/23/2014	11557	88.90	179.00	8477.00
5/23/2014	11651	89.60	177.10	8478.00
5/24/2014	11838	90.40	179.20	8478.00
5/24/2014	11932	90.80	178.60	8477.00
5/24/2014	12025	91.10	177.80	8475.00
5/24/2014	12119	91.10	178.10	8474.00
5/24/2014	12212	91.50	179.60	8471.00
5/24/2014	12305	92.70	180.50	8468.00
5/24/2014	12399	93.60	180.50	8463.00
5/24/2014	12492	92.20	180.90	8458.00
5/24/2014	12586	92.30	180.30	8455.00
5/24/2014	12679	91.00	181.00	8452.00
5/24/2014	12772	90.50	180.30	8451.00
5/24/2014	12865	90.70	180.00	8450.00
5/25/2014	12959	91.30	180.80	8448.00
5/25/2014	13053	91.20	181.00	8445.00
5/25/2014	13146	91.50	181.70	8443.00
5/25/2014	13195	91.50	181.20	8443.00
6/5/2014	3650	5.60	51.30	3628.00
6/5/2014	3742	5.50	67.80	3720.00
6/5/2014	3838	9.10	83.70	3815.00
6/5/2014	3933	10.40	87.90	3909.27
6/5/2014	4029	9.80	89.00	4003.00
6/5/2014	4125	9.10	87.30	4094.48
6/6/2014	4314	9.10	86.50	4285.00
6/6/2014	4408	9.70	91.70	4377.00
6/6/2014	4502	8.70	92.40	4477.00
6/6/2014	4598	9.60	86.90	4565.00
6/6/2014	4694	9.10	86.60	4660.05
6/6/2014	4790	9.50	96.90	4754.00
6/6/2014	4885	9.90	98.20	4848.00
6/6/2014	4980	9.40	98.70	4942.00
6/6/2014	5075	9.30	91.40	5036.00
6/6/2014	5170	8.60	89.90	5129.00
6/6/2014	5265	8.00	92.30	5223.00

Date	Depth	Deviation	Direction	TVD
6/6/2014	5358	8.00	92.40	5315.00
6/6/2014	5454	9.80	8.90	5410.00
6/6/2014	5549	9.40	88.60	5504.00
6/7/2014	5643	8.90	87.20	5597.00
6/7/2014	5737	9.10	88.80	5689.00
6/7/2014	5831	8.40	89.30	5282.00
6/7/2014	5927	8.20	90.10	5877.00
6/7/2014	6022	7.80	89.50	5971.00
6/8/2014	6147	7.30	86.50	6095.00
6/8/2014	6243	6.60	98.80	6191.00
6/8/2014	6338	6.60	101.10	6285.46
6/8/2014	6432	6.20	100.00	6378.00
6/9/2014	6526	6.30	106.20	6472.00
6/9/2014	6621	59.00	101.30	6566.00
6/9/2014	6715	6.20	103.90	6660.00
6/9/2014	6811	5.50	106.20	6472.00
6/9/2014	6904	4.30	105.10	6848.00
6/9/2014	7000	1.80	104.30	6944.00
6/9/2014	7099	0.60	159.20	7043.00
6/9/2014	7192	0.80	181.80	7136.24
6/9/2014	7285	0.90	164.30	7225.00
6/10/2014	7379	0.90	218.70	7323.00
6/10/2014	7473	1.00	210.30	7417.00
6/10/2014	7565	0.70	208.30	7509.19
6/10/2014	7659	0.70	205.80	7603.00
6/10/2014	7723	0.70	179.40	7667.00
6/15/2014	7802	0.80	200.90	7746.00
6/15/2014	7865	1.00	220.20	7809.00
6/15/2014	7897	0.70	233.20	7841.00
6/15/2014	7928	5.00	184.60	7872.00
6/15/2014	7960	7.20	189.70	7903.94
6/15/2014	7991	6.50	200.50	7934.72
6/16/2014	8054	7.50	188.40	7997.00
6/16/2014	8086	11.30	188.80	8028.00
6/16/2014	8117	17.60	186.10	8058.93
6/16/2014	8149	22.90	177.30	8088.95
6/17/2014	8212	27.80	170.80	8145.66
6/17/2014	8244	31.80	170.60	8173.42
6/17/2014	8275	34.50	173.70	8199.37
6/17/2014	8307	37.30	174.30	8225.00
6/17/2014	8338	40.10	176.50	8249.00
6/17/2014	8370	45.50	178.10	8272.00
6/17/2014	8401	48.40	178.10	8294.00
6/17/2014	8433	47.40	178.10	8315.00
6/17/2014	8464	46.80	177.40	8336.67

Date	Depth	Deviation	Direction	TVD
6/17/2014	8496	47.00	177.20	8358.54
6/18/2014	8527	50.50	176.60	8378.00
6/18/2014	8559	53.30	177.80	8398.00
6/18/2014	8590	56.90	179.60	8416.00
6/18/2014	8622	60.70	180.20	8433.00
6/18/2014	8653	63.50	181.60	8447.00
6/20/2014	8690	66.40	180.20	8463.00
6/20/2014	8722	67.90	180.40	8475.62
6/20/2014	8753	70.10	179.50	8486.73
6/20/2014	8785	71.80	179.20	8497.17
6/21/2014	8816	73.20	179.60	8506.00
6/21/2014	8848	76.50	179.30	8514.00
6/21/2014	8879	79.10	178.10	8521.00
6/21/2014	8911	80.60	177.80	8527.00
6/21/2014	8942	83.40	177.40	8531.00
6/21/2014	8974	86.70	177.80	8534.00
6/21/2014	9006	89.90	179.10	8535.00
6/21/2014	9069	91.00	179.50	8533.00
6/21/2014	9163	92.50	181.00	8530.00
6/21/2014	9258	92.70	180.40	8526.00
6/21/2014	9353	91.10	177.80	8523.00
6/21/2014	9447	91.90	180.30	8520.00
6/22/2014	9542	91.10	180.60	8517.00
6/22/2014	9637	91.80	181.00	8514.00
6/22/2014	9732	91.50	180.60	8511.00
6/22/2014	9827	90.90	179.50	8509.00
6/22/2014	9921	93.40	181.70	8506.00
6/22/2014	10016	94.50	181.90	8499.00
6/22/2014	10111	92.10	182.30	8494.00
6/23/2014	10204	92.00	181.70	0.00
6/23/2014	10267	90.70	181.40	8489.00
6/23/2014	10362	90.00	181.40	8488.00
6/23/2014	10457	90.20	181.10	8488.00
6/23/2014	10551	90.70	181.40	8488.00
6/23/2014	10646	90.50	180.50	8487.00
6/23/2014	10741	89.70	180.10	8487.00
6/23/2014	10834	89.90	180.30	8488.00
6/23/2014	10985	89.60	180.80	8488.00
6/24/2014	11025	91.10	182.30	8487.00
6/24/2014	11120	91.40	183.10	8485.00
6/24/2014	11215	90.40	182.70	8484.00
6/24/2014	11309	89.90	180.60	8484.00
6/24/2014	11404	88.90	179.70	8485.00
6/24/2014	11499	88.50	180.60	8487.00
6/24/2014	11594	91.10	179.90	8487.00

Date	Depth	Deviation	Direction	TVD
6/24/2014	11688	91.70	179.10	8487.00
6/24/2014	11783	90.80	178.80	8483.00
6/24/2014	11878	90.00	179.40	8482.00
6/25/2014	11972	91.60	177.80	8481.00
6/25/2014	12067	89.80	177.20	8480.00
6/26/2014	12162	89.90	175.90	8480.00
6/26/2014	12311	91.90	178.10	8478.00
6/26/2014	12351	92.50	179.20	8474.00
6/28/2014	12446	91.40	179.30	8471.00
6/28/2014	12541	90.00	178.10	8470.00
6/28/2014	12636	91.50	178.20	8469.00
6/28/2014	12730	91.60	177.40	8466.00
6/28/2014	12825	91.80	177.40	8464.00

EOF