



## Triad Hunter, LLC

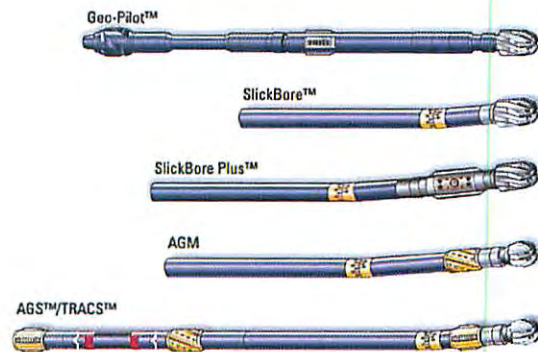
Everett Weese 1414

Tyler County, West Virginia  
Nabors 715

## Sperry Drilling Services

### End of Well Report

Prepared for: Triad Hunter, LLC



November 3, 2014

Submitted by:

Derek Duer - Well Planner

Darin Brown - Directional Drilling Coordinator

Kurt Aucoin - Sperry Account Representative

1-800-332-3992

Houston, TX 77032

RECEIVED  
Office of Oil and Gas

JUN 08 2015

WV Department of  
Environmental Protection

**HALLIBURTON**

04/01/2015

# Triad Hunter, LLC

**Everett Weese 1414  
Tyler County, West Virginia**

## End of Well Report

### Table of Contents

Final Surveys and Plots.....	Section 1
Well Summary and Graphs .....	Section 2
Drilling Parameters .....	Section 3
BHA Performance Records.....	Section 4
Daily Drilling Activity Reports.....	Section 5

**HALLIBURTON**

**Sperry Drilling**

RECEIVED  
Office of Oil and Gas  
JUN 08 2015  
WV Department of  
Environmental Protection  
04/01/2016

# Sperry Drilling

---

## SECTION 1

### Final Survey & Plots

RECEIVED  
Office of Oil and Gas

JUN 08 2015

WV Department of  
Environmental Protection

**HALLIBURTON**

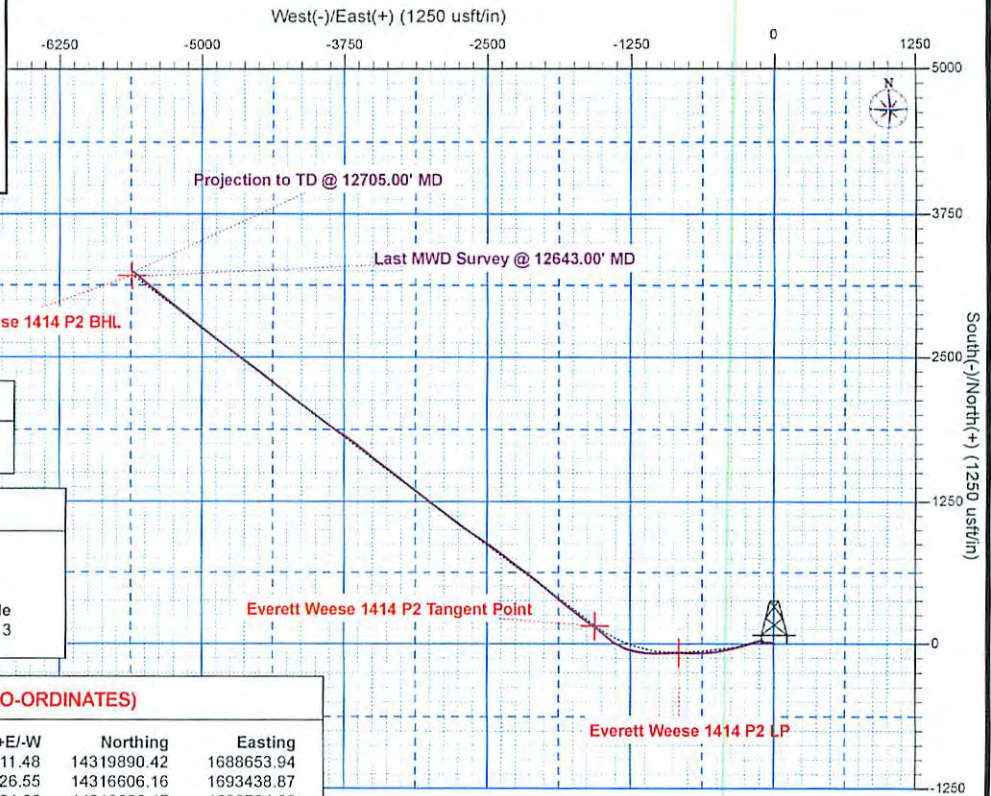
04/01/2016



# Triad Hunter, LLC

**HALLIBURTON**  
Sperry Drilling Services

Project: Tyler County, WV [UTM]  
Site: Everett Weese (Grid)  
Well: Everett Weese 1414  
Wellbore: Wellbore #1  
Design: Plan #2  
Rig: Nabors 715



To convert a Magnetic Direction to a Grid Direction, Subtract 8.61°

Magnetic Model: BGGM2014 Date: 21-Oct-14  
Azimuths to Grid North

### Surface Location:

Universal Transverse Mercator (US Survey Feet)  
Zone 17N (84 W to 78 W)  
Elevation: GL 752' + KB 22' @ 774.00usft (Nabors 715)  
Northing 14316677.75 Easting 1694265.42 Latitude 39.424843 Longitude -80.809313

### WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Everett Weese 1414 P2 BHL	6387.00	3212.67	-5611.48	14319890.42	1688653.94
Everett Weese 1414 P2 LP	6387.00	-71.59	-826.55	14316606.16	1693438.87
Everett Weese 1414 P2 Tangent Point	6387.00	158.42	-1561.20	14316836.17	1692704.22

### SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
5882.00	21.72	257.02	5868.68	22.00	-147.13	0.00	0.00	138.61	Tie-on to MWD Survey
5944.00	21.72	257.02	5926.28	16.84	-169.49	0.00	0.00	155.46	Projection to Bit / Start Build/Turn
5995.11	24.98	250.37	5973.20	11.09	-188.87	8.19	-42.08	169.42	Con't Build/Turn
6804.06	90.00	267.75	6387.00	-71.59	-826.55	8.19	19.05	681.76	End Build/Con't Turn
7589.16	90.00	307.02	6387.00	158.42	-1561.20	5.00	90.00	1433.60	End Turn
12661.95	90.00	307.02	6387.00	3212.67	-5611.48	0.00	0.00	6466.06	TD

Created By: Derek Duer 13:33, November 03 2014

RECEIVED  
Office of Oil and Gas

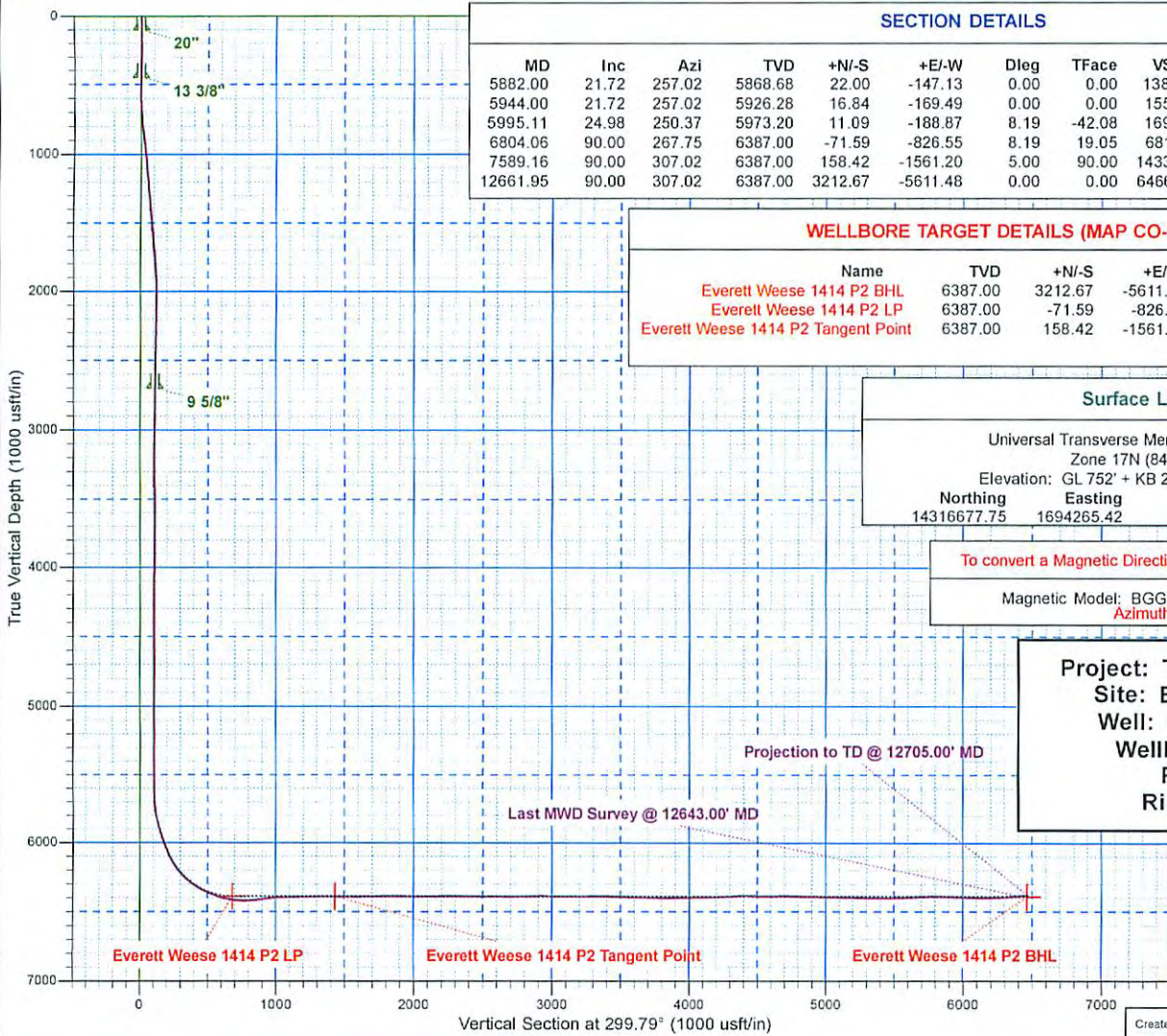
JUN 08 2016

WV Department of  
Environmental Protection  
04/01/2016



# Triad Hunter, LLC

**HALLIBURTON**  
Sperry Drilling Services



### SECTION DETAILS

MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	V Sect	Annotation
5882.00	21.72	257.02	5868.68	22.00	-147.13	0.00	0.00	138.61	Tie-on to MWD Survey
5944.00	21.72	257.02	5926.28	16.84	-169.49	0.00	0.00	155.46	Projection to Bit / Start Build/Turn
5995.11	24.98	250.37	5973.20	11.09	-188.87	8.19	-42.08	169.42	Con't Build/Turn
6804.06	90.00	267.75	6387.00	-71.59	-826.55	8.19	19.05	681.76	End Build/Con't Turn
7589.16	90.00	307.02	6387.00	158.42	-1561.20	5.00	90.00	1433.60	End Turn
12661.95	90.00	307.02	6387.00	3212.67	-5611.48	0.00	0.00	6466.06	TD

### WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
Everett Weese 1414 P2 BHL	6387.00	3212.67	-5611.48	14319890.42	1688653.94
Everett Weese 1414 P2 LP	6387.00	-71.59	-826.55	14316606.16	1693438.87
Everett Weese 1414 P2 Tangent Point	6387.00	158.42	-1561.20	14316836.17	1692704.22

### Surface Location:

Universal Transverse Mercator (US Survey Feet)  
 Zone 17N (84 W to 78 W)  
 Elevation: GL 752' + KB 22' @ 774.00usft (Nabors 715)  
 Northing: 14316677.75    Easting: 1694265.42    Latitude: 39.424843    Longitude: -80.809313

To convert a Magnetic Direction to a Grid Direction, Subtract 8.61°

Magnetic Model: BGGM2014    Date: 21-Oct-14  
Azimuths to Grid North

**Project: Tyler County, WV [UTM]**  
**Site: Everett Weese (Grid)**  
**Well: Everett Weese 1414**  
**Wellbore: Wellbore #1**  
**Plan: Plan #2**  
**Rig: Nabors 715**

Vertical Section at 299.79° (1000 usft/in)

Created By: Derek Duer    13:30, November 03 2014

RECEIVED  
Office of Oil and Gas

JUN 08 2015

WV Department of  
Environment & Natural Resources  
04/01/2016

**HALLIBURTON**

Sperry Drilling

## Triad Hunter, LLC

Tyler County, WV [UTM]  
Everett Weese (Grid)  
Everett Weese 1414

Wellbore #1

Design: Definitive Surveys

## Standard Survey Report

03 November, 2014

RECEIVED  
Office of Oil and Gas

JUN 08 2015

WV Department of  
Environmental Protection



04/01/2016



<b>Company:</b>	Triad Hunter, LLC	<b>Local Co-ordinate Reference:</b>	Well Everett Weese 1414
<b>Project:</b>	Tyler County, WV [UTM]	<b>TVD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Site:</b>	Everett Weese (Grid)	<b>MD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Well:</b>	Everett Weese 1414	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Definitive Surveys	<b>Database:</b>	EDM 5000.1 Single User Db

<b>Project</b>	Tyler County, WV [UTM]		
<b>Map System:</b>	Universal Transverse Mercator (US Survey Fee	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Zone 17N (84 W to 78 W)		

<b>Site</b>	Everett Weese (Grid)				
<b>Site Position:</b>		<b>Northing:</b>	14,316,712.63 usft	<b>Latitude:</b>	39.424939
<b>From:</b>	Map	<b>Easting:</b>	1,694,315.37 usft	<b>Longitude:</b>	-80.809136
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b>	0.12 °

<b>Well</b>	Everett Weese 1414					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	14,316,677.75 usft	<b>Latitude:</b>	39.424843
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	1,694,265.42 usft	<b>Longitude:</b>	-80.809313
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	752.00 usft	<b>Ground Level:</b>	752.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2014	10/21/2014	-8.49	66.95	52,287

<b>Design</b>	Definitive Surveys				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00		299.79

<b>Survey Program</b>	<b>Date</b>	11/3/2014			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
63.50	438.50	SLB_NSG+MSHOT (Wellbore #1)	NSG+MSHOT	NSG+MSHOT	
524.50	683.50	SLB_INC_ONLY<10 (Wellbore #1)	INC_ONLY<10	INC_ONLY<10	
715.50	5,434.50	SLB_MWD-STD (Wellbore #1)	MWD	Fixed:v2:standard declination	
5,504.00	12,705.00	SLB MWD (Wellbore #1)	MWD	Fixed:v2:standard declination	

RECEIVED  
Office of Oil and Gas  
JUN 08 2015  
West Virginia Department of  
Environmental Protection

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63.50	0.29	334.26	63.50	0.14	-0.07	0.13	0.46	0.46	0.00	
113.50	0.51	339.15	113.50	0.47	-0.20	0.41	0.44	0.44	9.78	
163.50	0.70	335.00	163.50	0.95	-0.41	0.83	0.39	0.38	-8.30	
213.50	0.69	353.43	213.49	1.53	-0.58	1.26	0.45	-0.02	36.86	
263.50	0.61	350.63	263.49	2.09	-0.65	1.61	0.17	-0.16	-5.60	
311.50	0.87	346.50	311.48	2.70	-0.78	2.02	0.55	0.54	-8.60	
363.50	0.60	34.23	363.48	3.30	-0.72	2.27	1.24	-0.52	91.79	



<b>Company:</b>	Triad Hunter, LLC	<b>Local Co-ordinate Reference:</b>	Well Everett Weese 1414
<b>Project:</b>	Tyler County, WV [UTM]	<b>TVD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Site:</b>	Everett Weese (Grid)	<b>MD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Well:</b>	Everett Weese 1414	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Definitive Surveys	<b>Database:</b>	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
413.50	0.62	50.28	413.48	3.69	-0.36	2.15	0.34	0.04	32.10	
438.50	1.12	49.92	438.48	3.94	-0.07	2.02	2.00	2.00	-1.44	
524.50	0.94	56.52	524.46	4.87	1.16	1.41	0.25	-0.21	7.67	
556.50	0.90	31.70	556.46	5.23	1.51	1.29	1.24	-0.12	-77.56	
588.50	0.67	340.81	588.45	5.62	1.58	1.42	2.21	-0.72	-159.03	
620.50	1.04	295.00	620.45	5.92	1.26	1.85	2.34	1.16	-143.16	
651.50	2.01	288.82	651.44	6.21	0.49	2.66	3.17	3.13	-19.94	
683.50	2.94	284.85	683.41	6.60	-0.84	4.01	2.95	2.91	-12.41	
715.50	3.83	281.96	715.35	7.03	-2.68	5.82	2.83	2.78	-9.03	
746.50	5.01	281.13	746.26	7.51	-5.02	8.09	3.81	3.81	-2.68	
842.50	7.00	280.87	841.73	9.42	-14.88	17.59	2.07	2.07	-0.27	
937.50	7.19	278.16	936.00	11.36	-26.45	28.59	0.41	0.20	-2.85	
1,033.50	6.81	276.24	1,031.29	12.83	-38.05	39.40	0.46	-0.40	-2.00	
1,128.50	6.09	273.16	1,125.68	13.72	-48.68	49.07	0.84	-0.76	-3.24	
1,223.50	5.60	268.03	1,220.19	13.84	-58.35	57.51	0.75	-0.52	-5.40	
1,319.50	5.97	268.78	1,315.70	13.57	-68.02	65.77	0.39	0.39	0.78	
1,414.50	6.09	274.13	1,410.18	13.83	-77.99	74.55	0.60	0.13	5.63	
1,509.50	5.74	283.00	1,504.67	15.26	-87.64	83.64	1.03	-0.37	9.34	
1,604.50	5.64	294.67	1,599.21	18.28	-96.51	92.84	1.22	-0.11	12.28	
1,700.50	4.89	308.63	1,694.81	22.80	-104.00	101.58	1.54	-0.78	14.54	
1,795.50	4.85	303.53	1,789.46	27.55	-110.51	109.59	0.46	-0.04	-5.37	
1,890.50	3.10	284.91	1,884.24	30.43	-116.34	116.08	2.27	-1.84	-19.60	
1,986.50	1.54	252.72	1,980.16	30.71	-120.08	119.47	2.06	-1.62	-33.53	
2,081.50	1.65	188.40	2,075.13	28.98	-121.50	119.84	1.79	0.12	-67.71	
2,176.50	1.56	157.86	2,170.09	26.43	-121.21	118.32	0.89	-0.09	-32.15	
2,267.50	1.55	138.27	2,261.06	24.36	-119.92	116.18	0.58	-0.01	-21.53	
2,363.50	1.59	135.41	2,357.02	22.44	-118.12	113.66	0.09	0.04	-2.98	
2,458.50	0.95	116.02	2,452.00	21.16	-116.49	111.61	0.80	-0.67	-20.41	
2,554.50	1.17	103.94	2,547.98	20.58	-114.82	109.87	0.33	0.23	-12.58	
2,648.50	1.12	112.72	2,641.97	19.99	-113.05	108.04	0.19	-0.05	9.34	
2,666.50	0.78	107.53	2,659.96	19.88	-112.77	107.74	1.95	-1.89	-28.83	
2,765.50	0.49	95.16	2,758.96	19.64	-111.70	106.70	0.32	-0.29	-12.49	
2,796.50	0.44	103.15	2,789.96	19.60	-111.45	106.47	0.26	-0.16	25.77	
2,859.50	0.35	110.80	2,852.95	19.48	-111.04	106.04	0.17	-0.14	12.14	
2,893.50	0.35	125.18	2,886.95	19.38	-110.86	105.84	0.26	0.00	42.29	
2,925.50	0.30	104.90	2,918.95	19.31	-110.70	105.66	0.39	-0.16	-63.37	
2,957.50	0.32	112.65	2,950.95	19.25	-110.53	105.49	0.15	0.06	24.22	
2,989.50	0.20	134.67	2,982.95	19.18	-110.41	105.35	0.48	-0.37	68.81	
3,020.50	0.20	111.81	3,013.95	19.12	-110.32	105.24	0.26	0.00	-73.74	
3,051.50	0.29	151.12	3,044.95	19.03	-110.23	105.12	0.60	0.29	126.81	
3,083.50	0.24	151.79	3,076.95	18.90	-110.16	104.99	0.16	-0.16	2.09	
3,115.50	0.12	141.70	3,108.95	18.81	-110.11	104.91	0.39	-0.37	-31.53	
3,146.50	0.18	121.62	3,139.95	18.76	-110.05	104.83	0.25	0.19	-64.77	





<b>Company:</b>	Triad Hunter, LLC	<b>Local Co-ordinate Reference:</b>	Well Everett Weese 1414
<b>Project:</b>	Tyler County, WV [UTM]	<b>TVD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Site:</b>	Everett Weese (Grid)	<b>MD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Well:</b>	Everett Weese 1414	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Definitive Surveys	<b>Database:</b>	EDM 5000.1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,178.50	0.12	177.78	3,171.95	18.70	-110.00	104.76	0.47	-0.19	175.50
3,210.50	0.24	185.90	3,203.95	18.60	-110.01	104.71	0.38	0.37	25.37
3,242.50	0.15	164.80	3,235.95	18.50	-110.01	104.66	0.36	-0.28	-65.94
3,274.50	0.25	222.35	3,267.95	18.40	-110.04	104.64	0.66	0.31	179.84
3,305.50	0.18	192.86	3,298.95	18.31	-110.10	104.64	0.42	-0.23	-95.13
3,337.50	0.18	219.61	3,330.95	18.22	-110.14	104.64	0.26	0.00	83.59
3,369.50	0.29	243.85	3,362.95	18.14	-110.25	104.69	0.46	0.34	75.75
3,401.50	0.32	244.49	3,394.95	18.07	-110.40	104.79	0.09	0.09	2.00
3,433.50	0.30	253.38	3,426.95	18.01	-110.56	104.90	0.16	-0.06	27.78
3,464.50	0.25	268.83	3,457.95	17.98	-110.71	105.01	0.29	-0.16	49.84
3,496.50	0.18	239.46	3,489.95	17.96	-110.82	105.10	0.40	-0.22	-91.78
3,528.50	0.25	244.76	3,521.95	17.90	-110.93	105.16	0.23	0.22	16.56
3,560.50	0.12	253.29	3,553.95	17.86	-111.02	105.22	0.41	-0.41	26.66
3,592.50	0.27	213.97	3,585.95	17.79	-111.09	105.25	0.60	0.47	-122.87
3,623.50	0.27	226.17	3,616.95	17.68	-111.19	105.28	0.19	0.00	39.35
3,718.50	0.17	214.03	3,711.95	17.41	-111.43	105.35	0.12	-0.11	-12.78
3,813.50	0.35	195.40	3,806.95	17.01	-111.58	105.29	0.21	0.19	-19.61
3,908.50	0.03	359.24	3,901.94	16.76	-111.66	105.23	0.40	-0.34	172.46
4,003.50	0.34	48.76	3,996.94	16.97	-111.45	105.15	0.34	0.33	52.13
4,099.50	0.50	49.70	4,092.94	17.42	-110.92	104.92	0.17	0.17	0.98
4,194.50	0.68	43.23	4,187.94	18.10	-110.21	104.64	0.20	0.19	-6.81
4,290.50	0.84	35.72	4,283.93	19.09	-109.41	104.44	0.20	0.17	-7.82
4,385.50	0.73	39.91	4,378.92	20.12	-108.62	104.26	0.13	-0.12	4.41
4,481.50	0.94	31.71	4,474.91	21.26	-107.81	104.13	0.25	0.22	-8.54
4,576.50	1.02	38.35	4,569.90	22.58	-106.88	103.97	0.15	0.08	6.99
4,671.50	0.86	37.18	4,664.88	23.82	-105.92	103.76	0.17	-0.17	-1.23
4,767.50	0.84	30.30	4,760.87	25.00	-105.13	103.66	0.11	-0.02	-7.17
4,862.50	0.89	26.77	4,855.86	26.26	-104.45	103.69	0.08	0.05	-3.72
4,958.50	0.90	43.43	4,951.85	27.47	-103.59	103.55	0.27	0.01	17.35
5,053.50	1.05	53.67	5,046.84	28.53	-102.38	103.02	0.24	0.16	10.78
5,148.50	0.80	49.07	5,141.82	29.48	-101.18	102.45	0.27	-0.26	-4.84
5,243.50	0.78	42.02	5,236.81	30.39	-100.24	102.10	0.10	-0.02	-7.42
5,338.50	0.72	13.33	5,331.81	31.45	-99.67	102.13	0.40	-0.06	-30.20
5,434.50	0.67	17.60	5,427.80	32.58	-99.36	102.42	0.07	-0.05	4.45
5,504.00	0.34	7.58	5,497.30	33.17	-99.21	102.58	0.49	-0.47	-14.42
5,598.00	0.31	9.00	5,591.30	33.70	-99.14	102.78	0.03	-0.03	1.51
5,693.00	3.93	257.92	5,686.22	33.27	-102.28	105.29	4.27	3.81	-116.93
5,787.00	15.57	254.85	5,778.71	29.28	-117.66	116.66	12.39	12.38	-3.27
5,882.00	21.72	257.02	5,868.68	22.00	-147.13	138.61	6.51	6.47	2.28
5,977.00	25.41	254.10	5,955.74	12.46	-183.87	165.76	4.07	3.88	-3.07
6,071.00	30.23	251.70	6,038.86	-0.50	-225.76	195.88	5.26	5.13	-2.55
6,166.00	37.72	254.30	6,117.59	-15.90	-276.52	232.08	8.03	7.88	2.74
6,260.00	46.27	256.27	6,187.39	-31.77	-337.31	276.95	9.20	9.10	2.10
6,355.00	53.63	257.72	6,248.47	-48.08	-408.12	330.30	7.83	7.75	1.53

RECEIVED  
Office of Oil and Gas  
JUN 08 2015



<b>Company:</b>	Triad Hunter, LLC	<b>Local Co-ordinate Reference:</b>	Well Everett Weese 1414
<b>Project:</b>	Tyler County, WV [UTM]	<b>TVD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Site:</b>	Everett Weese (Grid)	<b>MD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Well:</b>	Everett Weese 1414	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Definitive Surveys	<b>Database:</b>	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,450.00	61.85	259.51	6,299.14	-63.86	-486.82	390.75	8.80	8.65	1.88
6,545.00	66.73	266.02	6,340.38	-74.53	-571.65	459.08	8.03	5.14	6.85
6,639.00	71.74	272.19	6,373.72	-75.83	-659.46	534.64	8.13	5.33	6.56
6,731.00	76.25	268.54	6,399.09	-75.29	-747.85	611.61	6.21	4.90	-3.97
6,762.00	80.39	270.70	6,405.36	-75.49	-778.20	637.85	15.00	13.35	6.97
6,823.00	83.66	269.81	6,413.83	-75.23	-838.60	690.41	5.55	5.36	-1.46
6,915.00	89.69	268.84	6,419.16	-76.31	-930.39	769.53	6.64	6.55	-1.05
7,006.00	95.34	268.04	6,415.17	-78.78	-1,021.23	847.14	6.27	6.21	-0.88
7,098.00	98.21	274.75	6,404.30	-76.57	-1,112.50	927.44	7.89	3.12	7.29
7,193.00	93.48	281.53	6,394.62	-63.18	-1,205.97	1,015.21	8.67	-4.98	7.14
7,288.00	89.31	290.34	6,392.30	-37.13	-1,297.18	1,107.31	10.26	-4.39	9.27
7,383.00	93.93	303.00	6,389.61	5.38	-1,381.85	1,201.91	14.18	4.86	13.33
7,477.00	88.42	312.66	6,387.68	62.94	-1,455.96	1,294.82	11.83	-5.86	10.28
7,572.00	89.38	306.68	6,389.50	123.54	-1,529.03	1,388.35	6.37	1.01	-6.29
7,667.00	89.55	304.71	6,390.39	178.97	-1,606.18	1,482.84	2.08	0.18	-2.07
7,762.00	90.58	308.58	6,390.28	235.66	-1,682.39	1,577.14	4.22	1.08	4.07
7,856.00	92.10	308.16	6,388.08	293.99	-1,756.06	1,670.06	1.68	1.62	-0.45
7,951.00	89.18	309.76	6,387.02	353.71	-1,829.92	1,763.83	3.50	-3.07	1.68
8,046.00	90.21	310.13	6,387.53	414.70	-1,902.75	1,857.34	1.15	1.08	0.39
8,141.00	89.28	310.18	6,387.95	475.96	-1,975.36	1,950.79	0.98	-0.98	0.05
8,236.00	90.17	310.42	6,388.41	537.41	-2,047.81	2,044.19	0.97	0.94	0.25
8,331.00	90.10	307.02	6,388.18	596.82	-2,121.92	2,138.03	3.58	-0.07	-3.58
8,426.00	91.13	306.92	6,387.16	653.95	-2,197.81	2,232.27	1.09	1.08	-0.11
8,521.00	88.63	307.62	6,387.36	711.48	-2,273.41	2,326.46	2.73	-2.63	0.74
8,616.00	89.66	308.02	6,388.78	769.72	-2,348.44	2,420.51	1.16	1.08	0.42
8,711.00	90.65	307.02	6,388.52	827.58	-2,423.79	2,514.65	1.48	1.04	-1.05
8,804.00	88.90	304.17	6,388.89	881.70	-2,499.40	2,607.16	3.60	-1.88	-3.06
8,899.00	90.10	304.26	6,389.72	935.12	-2,577.95	2,701.87	1.27	1.26	0.09
8,992.00	91.82	304.66	6,388.16	987.73	-2,654.62	2,794.54	1.90	1.85	0.43
9,086.00	90.65	306.99	6,386.13	1,042.73	-2,730.81	2,887.99	2.77	-1.24	2.48
9,180.00	88.28	307.63	6,387.01	1,099.70	-2,805.57	2,981.17	2.61	-2.52	0.68
9,275.00	89.59	307.79	6,388.78	1,157.80	-2,880.71	3,075.25	1.39	1.38	0.78
9,370.00	91.17	308.53	6,388.15	1,216.49	-2,955.40	3,169.23	1.84	1.66	0.78
9,465.00	89.86	307.00	6,387.29	1,274.66	-3,030.49	3,263.30	2.12	-1.38	-1.61
9,560.00	91.03	307.10	6,386.55	1,331.90	-3,106.31	3,357.54	1.24	1.23	0.11
9,654.00	87.04	308.41	6,388.14	1,389.43	-3,180.60	3,450.60	4.47	-4.24	1.39
9,748.00	87.59	308.12	6,392.54	1,447.58	-3,254.33	3,543.47	0.66	0.59	-0.31
9,843.00	88.76	308.14	6,395.57	1,506.21	-3,329.02	3,637.41	1.23	1.23	0.02
9,938.00	88.83	306.20	6,397.56	1,563.59	-3,404.70	3,731.60	2.04	2.04	0.86
10,033.00	89.93	306.77	6,398.59	1,620.08	-3,481.07	3,825.95	1.30	1.16	0.86
10,128.00	91.96	311.99	6,397.02	1,680.32	-3,554.46	3,919.57	5.89	2.14	5.49
10,223.00	89.38	307.51	6,395.91	1,741.04	-3,627.47	4,013.10	5.44	-2.72	-4.72
10,316.00	91.82	304.39	6,394.94	1,795.62	-3,702.74	4,105.54	4.26	2.62	-3.35

RECEIVED  
Office of Oil and Gas  
JUN 08 2015  
WV Department of  
Environmental Protection



<b>Company:</b>	Triad Hunter, LLC	<b>Local Co-ordinate Reference:</b>	Well Everett Weese 1414
<b>Project:</b>	Tyler County, WV [UTM]	<b>TVD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Site:</b>	Everett Weese (Grid)	<b>MD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Well:</b>	Everett Weese 1414	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Definitive Surveys	<b>Database:</b>	EDM 5000.1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,411.00	91.58	302.21	6,392.12	1,847.75	-3,782.10	4,200.31	2.31	-0.25	-2.29
10,505.00	92.78	304.42	6,388.54	1,899.34	-3,860.59	4,294.06	2.67	1.28	2.35
10,599.00	91.62	307.24	6,384.93	1,954.32	-3,936.74	4,387.46	3.24	-1.23	3.00
10,694.00	88.28	306.63	6,385.02	2,011.40	-4,012.66	4,481.71	3.57	-3.52	-0.64
10,788.00	89.66	306.38	6,386.71	2,067.31	-4,088.21	4,575.04	1.49	1.47	-0.27
10,884.00	91.31	306.61	6,385.89	2,124.40	-4,165.38	4,670.38	1.74	1.72	0.24
10,979.00	87.66	307.65	6,386.75	2,181.73	-4,241.10	4,764.58	3.99	-3.84	1.09
11,073.00	88.59	307.47	6,389.82	2,239.00	-4,315.57	4,857.67	1.01	0.99	-0.19
11,168.00	89.59	308.72	6,391.33	2,297.60	-4,390.33	4,951.66	1.68	1.05	1.32
11,263.00	90.17	307.12	6,391.53	2,355.98	-4,465.27	5,045.70	1.79	0.61	-1.68
11,358.00	87.59	306.40	6,393.39	2,412.82	-4,541.35	5,139.97	2.82	-2.72	-0.76
11,453.00	88.76	306.27	6,396.41	2,469.08	-4,617.84	5,234.30	1.24	1.23	-0.14
11,548.00	88.38	304.80	6,398.79	2,524.28	-4,695.12	5,328.79	1.60	-0.40	-1.55
11,642.00	90.52	307.97	6,399.69	2,580.03	-4,770.78	5,422.15	4.07	2.28	3.37
11,737.00	91.44	308.92	6,398.06	2,639.08	-4,845.17	5,516.05	1.39	0.97	1.00
11,832.00	92.13	307.26	6,395.10	2,697.66	-4,919.90	5,610.00	1.89	0.73	-1.75
11,927.00	93.61	307.58	6,390.35	2,755.31	-4,995.25	5,704.04	1.59	1.56	0.34
12,021.00	91.07	307.31	6,386.51	2,812.41	-5,069.82	5,797.12	2.72	-2.70	-0.29
12,116.00	86.97	309.07	6,388.13	2,871.12	-5,144.45	5,891.06	4.70	-4.32	1.85
12,210.00	87.80	308.88	6,392.42	2,930.18	-5,217.45	5,983.76	0.91	0.88	-0.20
12,305.00	88.28	307.87	6,395.67	2,989.12	-5,291.89	6,077.64	1.18	0.51	-1.06
12,400.00	90.86	308.86	6,396.38	3,048.08	-5,366.36	6,171.57	2.91	2.72	1.04
12,495.00	93.10	309.92	6,393.10	3,108.33	-5,439.73	6,265.17	2.61	2.36	1.12
12,590.00	94.30	309.68	6,386.97	3,169.01	-5,512.57	6,358.53	1.29	1.26	-0.25
12,643.00	94.89	309.27	6,382.73	3,202.59	-5,553.35	6,410.61	1.35	1.11	-0.77
<b>Last MWD Survey @ 12643.00' MD</b>									
12,705.00	94.89	309.27	6,377.44	3,241.70	-5,601.17	6,471.54	0.00	0.00	0.00
<b>Projection to TD @ 12705.00' MD</b>									

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)
450.03	13 3/8"		13.375	17.500
2,706.54	9 5/8"		9.625	12.250
12,705.00	6,377.44	5 1/2"	5.500	8.750

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates	Comment
		+N/-S (usft) +E/-W (usft)	
12,643.00	6,382.73	3,202.59 -5,553.35	Last MWD Survey @ 12643.00' MD
12,705.00	6,377.44	3,241.70 -5,601.17	Projection to TD @ 12705.00' MD

**RECEIVED**  
Office of Oil and Gas  
JUN 08 2015  
WV Department of Environmental Protection



<b>Company:</b>	Triad Hunter, LLC	<b>Local Co-ordinate Reference:</b>	Well Everett Weese 1414
<b>Project:</b>	Tyler County, WV [UTM]	<b>TVD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Site:</b>	Everett Weese (Grid)	<b>MD Reference:</b>	GL 752' + KB 22' @ 774.00usft (Nabors 715)
<b>Well:</b>	Everett Weese 1414	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Definitive Surveys	<b>Database:</b>	EDM 5000.1 Single User Db

RECEIVED  
Office of Oil and Gas

JUN 08 2015

WV Department of  
Environmental Protection

Schlumberger Survey Report

Saturday October 21 2014 7:31 Report by MaxWell

-----General Information-----

Client LLC. Well name : Everett Weese 1414  
 Field : NAD 1927 (NADCON CONUS)

-----Survey Calculation Methods-----

Method for positions : Minimum Curvature Method

-----Job Location & Elevation-----

Latitude : 39.4248 degrees Longitude : -80.8093 degrees  
 Permanent Datum : MSL Log Measured From : DF  
 Elevation of LMF from MSL : 774.00 ft Elevation of TIP from MSL: 774.00 ft  
 Depth Source :

-----Vertical Section Origin-----

Latitude (+N/S-) : 0.00 ft Departure (+E/W-) : 0.00 ft  
 Target Azimuth : 299.7900 degrees

-----MWD Survey Reference Criteria-----

----Run1----

Geomag Model: : BGGM 2014 Calculation Date: : 20-Oct-2014  
 Location G : 999.46 mgn Tolerance G : 2.50 mgn  
 Location B (Override): 52289.08 nT Tolerance B : 300.00 nT  
 Magnetic Dip (Override): 66.95 degrees Tolerance Dip : 0.45 degrees

-----MWD Survey Azimuth Correction-----

----Run1----

Magnetic dec (+E/W-) : -8.4900 degrees(Override)  
 Grid convergence (+E/W-) : 0.1211 degrees  
 GTotal az corr (+E/W-) : -8.6111 degrees

-----Survey Quality Index Description-----

0 : Long Survey passed all criteria 9 : Manual  
 28 : Tie-In Point

-----Survey Correction Index Description-----

0 : No Correction

-----Survey Description Index Description-----

0 : Not Flagged Survey 7 : Projection to Bit

RECEIVED  
 Office of Oil and Gas

JUN 08 2015

WV Department of  
 Environmental Protection

===== Survey List =====

MD (ft)	Incl (deg)	Azim (deg)	TVD (ft) /100ft)	V Sec (ft)	N/-S (ft)	E/-W (ft)	DLS (deg)	Run	Tool	QI	CI	ID
0	0	0	0	0	0	0	0	0 -	Other	28	0	0
63.5	0.29	334.26	63.5	0.13	0.14	-0.07	0.46	1	SingleShot	9	0	0
113.5	0.51	339.15	113.5	0.41	0.47	-0.2	0.44	1	SingleShot	9	0	0
163.5	0.7	335	163.5	0.83	0.95	-0.41	0.39	1	SingleShot	9	0	0
213.5	0.69	353.43	213.49	1.26	1.53	-0.58	0.45	1	SingleShot	9	0	0
263.5	0.61	350.63	263.49	1.61	2.09	-0.65	0.17	1	SingleShot	9	0	0
311.5	0.87	346.5	311.48	2.02	2.7	-0.78	0.55	1	SingleShot	9	0	0
363.5	0.6	34.23	363.48	2.27	3.3	-0.72	1.24	1	SingleShot	9	0	0
413.5	0.62	50.28	413.48	2.15	3.69	-0.36	0.34	1	SingleShot	9	0	0
438.5	1.12	49.92	438.48	2.02	3.94	-0.07	2	1	SingleShot	9	0	0
524.5	0.94	56.52	524.46	1.41	4.87	1.16	0.25	1	Other	9	0	0
556.5	0.9	31.7	556.46	1.29	5.23	1.51	1.24	1	Other	9	0	0
588.5	0.67	340.81	588.45	1.42	5.62	1.58	2.21	1	Other	9	0	0
620.5	1.04	295	620.45	1.85	5.92	1.26	2.34	1	Other	9	0	0
651.5	2.01	288.82	651.44	2.66	6.21	0.49	3.17	1	Other	9	0	0
683.5	2.94	284.85	683.41	4.01	6.6	-0.84	2.95	1	Other	9	0	0
715.5	3.83	281.96	715.35	5.82	7.03	-2.68	2.83	1	Other	9	0	0
746.5	5.01	281.13	746.26	8.09	7.51	-5.02	3.81	1	Other	9	0	0
842.5	7	280.87	841.73	17.59	9.42	-14.88	2.07	1	Other	9	0	0
937.5	7.19	278.16	936	28.59	11.36	-26.45	0.41	1	Other	9	0	0

04/01/2016

1033.5	6.81	276.24	1031.29	39.4	12.83	-38.05	0.46	1 Other	9	0	0
1128.5	6.09	273.16	1125.68	49.07	13.72	-48.68	0.84	1 Other	9	0	0
1223.5	5.6	268.03	1220.19	57.51	13.84	-58.35	0.75	1 Other	9	0	0
1319.5	5.97	268.78	1315.7	65.77	13.57	-68.02	0.39	1 Other	9	0	0
1414.5	6.09	274.13	1410.18	74.55	13.83	-77.99	0.6	1 Other	9	0	0
1509.5	5.74	283	1504.67	83.64	15.26	-87.64	1.03	1 Other	9	0	0
1604.5	5.64	294.67	1599.21	92.84	18.28	-96.51	1.22	1 Other	9	0	0
1700.5	4.89	308.63	1694.81	101.58	22.8	-104	1.54	1 Other	9	0	0
1795.5	4.85	303.53	1789.46	109.59	27.55	-110.51	0.46	1 Other	9	0	0
1890.5	3.1	284.91	1884.24	116.08	30.43	-116.34	2.27	1 Other	9	0	0
1986.5	1.54	252.72	1980.16	119.47	30.71	-120.08	2.06	1 Other	9	0	0
2081.5	1.65	188.4	2075.13	119.84	28.98	-121.5	1.79	1 Other	9	0	0
2176.5	1.56	157.86	2170.09	118.32	26.43	-121.21	0.89	1 Other	9	0	0
2267.5	1.55	138.27	2261.06	116.18	24.36	-119.92	0.58	1 Other	9	0	0
2363.5	1.59	135.41	2357.02	113.66	22.44	-118.12	0.09	1 Other	9	0	0
2458.5	0.95	116.02	2452	111.61	21.16	-116.49	0.8	1 Other	9	0	0
2554.5	1.17	103.94	2547.98	109.87	20.58	-114.82	0.33	1 Other	9	0	0
2648.5	1.12	112.72	2641.96	108.04	19.99	-113.05	0.19	1 Other	9	0	0
2666.5	0.78	107.53	2659.96	107.74	19.88	-112.77	1.95	1 Other	9	0	0
2765.5	0.49	95.16	2758.96	106.7	19.64	-111.7	0.32	1 Other	9	0	0
2796.5	0.44	103.15	2789.96	106.47	19.6	-111.45	0.26	1 Other	9	0	0
2859.5	0.35	110.8	2852.95	106.04	19.48	-111.04	0.17	1 Other	9	0	0
2893.5	0.35	125.18	2886.95	105.84	19.38	-110.86	0.26	1 Other	9	0	0
2925.5	0.3	104.9	2918.95	105.66	19.31	-110.7	0.39	1 Other	9	0	0
2957.5	0.32	112.65	2950.95	105.49	19.25	-110.53	0.15	1 Other	9	0	0
2989.5	0.2	134.67	2982.95	105.35	19.18	-110.41	0.48	1 Other	9	0	0
3020.5	0.2	111.81	3013.95	105.24	19.12	-110.32	0.26	1 Other	9	0	0
3051.5	0.29	151.12	3044.95	105.12	19.03	-110.23	0.6	1 Other	9	0	0
3083.5	0.24	151.79	3076.95	104.99	18.9	-110.16	0.16	1 Other	9	0	0
3115.5	0.12	141.7	3108.95	104.91	18.81	-110.11	0.39	1 Other	9	0	0
3146.5	0.18	121.62	3139.95	104.83	18.76	-110.05	0.25	1 Other	9	0	0
3178.5	0.12	177.78	3171.95	104.76	18.7	-110	0.47	1 Other	9	0	0
3210.5	0.24	185.9	3203.95	104.71	18.6	-110.01	0.38	1 Other	9	0	0
3242.5	0.15	164.8	3235.95	104.66	18.5	-110.01	0.36	1 Other	9	0	0
3274.5	0.25	222.35	3267.95	104.64	18.4	-110.04	0.66	1 Other	9	0	0
3305.5	0.18	192.86	3298.95	104.64	18.31	-110.1	0.42	1 Other	9	0	0
3337.5	0.18	219.61	3330.95	104.64	18.22	-110.14	0.26	1 Other	9	0	0
3369.5	0.29	243.85	3362.95	104.69	18.14	-110.25	0.46	1 Other	9	0	0
3401.5	0.32	244.49	3394.95	104.79	18.07	-110.4	0.09	1 Other	9	0	0
3433.5	0.3	253.38	3426.95	104.9	18.01	-110.56	0.16	1 Other	9	0	0
3464.5	0.25	268.83	3457.95	105.01	17.98	-110.71	0.29	1 Other	9	0	0
3496.5	0.18	239.46	3489.95	105.1	17.96	-110.82	0.4	1 Other	9	0	0
3528.5	0.25	244.76	3521.95	105.16	17.9	-110.93	0.23	1 Other	9	0	0
3560.5	0.12	253.29	3553.95	105.22	17.86	-111.02	0.41	1 Other	9	0	0
3592.5	0.27	213.97	3585.95	105.25	17.79	-111.09	0.6	1 Other	9	0	0
3623.5	0.27	226.17	3616.95	105.28	17.68	-111.19	0.19	1 Other	9	0	0
3718.5	0.17	214.03	3711.95	105.35	17.41	-111.43	0.12	1 Other	9	0	0
3813.5	0.35	195.4	3806.95	105.29	17.01	-111.58	0.21	1 Other	9	0	0
3908.5	0.03	359.24	3901.94	105.23	16.76	-111.66	0.4	1 Other	9	0	0
4003.5	0.34	48.76	3996.94	105.15	16.97	-111.45	0.34	1 Other	9	0	0
4099.5	0.5	49.7	4092.94	104.92	17.42	-110.92	0.17	1 Other	9	0	0
4194.5	0.68	43.23	4187.94	104.64	18.1	-110.21	0.2	1 Other	9	0	0
4290.5	0.84	35.72	4283.93	104.44	19.09	-109.41	0.2	1 Other	9	0	0
4385.5	0.73	39.91	4378.92	104.26	20.12	-108.62	0.13	1 Other	9	0	0
4481.5	0.94	31.71	4474.91	104.13	21.26	-107.81	0.25	1 Other	9	0	0
4576.5	1.02	38.35	4569.9	103.97	22.58	-106.88	0.15	1 Other	9	0	0
4671.5	0.86	37.18	4664.88	103.76	23.82	-105.92	0.17	1 Other	9	0	0
4767.5	0.84	30.3	4760.87	103.66	25	-105.13	0.11	1 Other	9	0	0
4862.5	0.89	26.77	4855.86	103.69	26.26	-104.45	0.08	1 Other	9	0	0
4958.5	0.9	43.43	4951.85	103.55	27.47	-103.59	0.27	1 Other	9	0	0
5053.5	1.05	53.67	5046.84	103.02	28.53	-102.38	0.24	1 Other	9	0	0
5148.5	0.8	49.07	5141.82	102.45	29.48	-101.18	0.27	1 Other	9	0	0
5243.5	0.78	42.02	5236.81	102.1	30.39	-100.24	0.1	1 Other	9	0	0
5338.5	0.72	13.33	5331.81	102.13	31.45	-99.67	0.4	1 Other	9	0	0
5434.5	0.67	17.6	5427.8	102.42	32.58	-99.36	0.07	1 Other	9	0	0
5504	0.34	7.58	5497.3	102.58	33.17	-99.21	0.48	1 SlimPulse	0	0	0
5598	0.31	9	5591.3	102.78	33.7	-99.14	0.04	1 SlimPulse	0	0	0
5693	3.93	257.92	5686.22	105.3	33.27	-102.28	4.26	1 SlimPulse	0	0	0
5787	15.57	254.85	5778.71	116.66	29.29	-117.66	12.39	1 SlimPulse	0	0	0
5882	21.72	257.02	5868.68	138.61	22	-147.12	6.51	1 SlimPulse	0	0	0
5977	25.41	254.1	5955.75	165.76	12.46	-183.87	4.08	1 SlimPulse	0	0	0
6071	30.23	251.7	6038.86	195.67	-0.5	-225.75	5.26	1 SlimPulse	0	0	0
6166	37.72	254.3	6117.59	232.07	-15.89	-276.51	8.03	1 SlimPulse	0	0	0
6260	46.27	256.27	6187.39	276.94	-31.76	-337.3	9.2	1 SlimPulse	0	0	0
6355	53.63	257.72	6248.48	330.31	-48.06	-408.11	7.84	1 SlimPulse	0	0	0
6450	61.85	259.51	6299.14	390.76	-63.85	-486.81	8.79	1 SlimPulse	0	0	0
6545	66.73	266.02	6340.38	459.08	-74.51	-571.65	8.03	1 SlimPulse	0	0	0
6639	71.74	272.19	6373.72	534.65	-75.8	-659.45	8.13	1 SlimPulse	0	0	0
6731	76.25	268.54	6399.09	611.63	-75.26	-747.84	6.21	1 SlimPulse	0	0	0
6762	80.39	270.7	6405.36	637.87	-75.46	-778.19	14.99	1 SlimPulse	0	0	0
6823	83.66	269.81	6413.82	690.42	-75.19	-838.59	5.55	1 SlimPulse	0	0	0

RECEIVED  
Office of Oil and Gas  
JUN 08 2015  
WV Department of  
Environmental Protection

04/01/2016

6915	89.69	268.84	6419.15	769.55	-76.27	-930.39	6.64	1 SlimPulse	0	0	0
7006	95.34	268.04	6415.16	847.16	-78.74	-1021.23	6.27	1 SlimPulse	0	0	0
7098	98.21	274.75	6404.3	927.46	-76.53	-1112.5	7.89	1 SlimPulse	0	0	0
7193	93.48	281.53	6394.62	1015.24	-63.13	-1205.97	8.67	1 SlimPulse	0	0	0
7288	89.31	290.34	6392.31	1107.34	-37.08	-1297.18	10.26	1 SlimPulse	0	0	0
7383	93.93	303	6389.61	1201.94	5.44	-1381.84	14.17	1 SlimPulse	0	0	0
7477	88.42	312.66	6387.69	1294.85	62.99	-1455.95	11.83	1 SlimPulse	0	0	0
7572	89.38	306.68	6389.51	1388.38	123.6	-1529.03	6.37	1 SlimPulse	0	0	0
7667	89.55	304.71	6390.4	1482.86	179.02	-1606.18	2.08	1 SlimPulse	0	0	0
7762	90.58	308.58	6390.28	1577.17	235.71	-1682.38	4.22	1 SlimPulse	0	0	0
7856	92.1	308.16	6388.08	1670.09	294.04	-1756.06	1.67	1 SlimPulse	0	0	0
7951	89.18	309.76	6387.03	1763.85	353.77	-1829.91	3.51	1 SlimPulse	0	0	0
8046	90.21	310.13	6387.54	1857.36	414.76	-1902.74	1.15	1 SlimPulse	0	0	0
8141	89.28	310.18	6387.97	1950.81	476.02	-1975.35	0.98	1 SlimPulse	0	0	0
8236	90.17	310.42	6388.42	2044.21	537.46	-2047.8	0.98	1 SlimPulse	0	0	0
8331	90.1	307.02	6388.19	2138.05	596.88	-2121.91	3.58	1 SlimPulse	0	0	0
8426	91.13	306.92	6387.17	2232.3	654.01	-2197.81	1.09	1 SlimPulse	0	0	0
8521	88.63	307.62	6387.37	2326.48	711.54	-2273.39	2.74	1 SlimPulse	0	0	0
8616	89.66	308.02	6388.79	2420.53	769.79	-2348.43	1.16	1 SlimPulse	0	0	0
8711	90.65	307.02	6388.54	2514.67	827.64	-2423.77	1.49	1 SlimPulse	0	0	0
8804	88.9	304.17	6388.9	2607.18	881.77	-2499.38	3.6	1 SlimPulse	0	0	0
8899	90.1	304.26	6389.72	2701.89	935.18	-2577.94	1.27	1 SlimPulse	0	0	0
8992	91.82	304.66	6388.16	2794.56	987.8	-2654.6	1.9	1 SlimPulse	0	0	0
9086	90.65	306.99	6386.13	2888.01	1042.8	-2730.79	2.78	1 SlimPulse	0	0	0
9180	88.28	307.63	6387	2981.19	1099.77	-2805.55	2.61	1 SlimPulse	0	0	0
9275	89.59	307.79	6388.77	3075.27	1157.86	-2880.69	1.39	1 SlimPulse	0	0	0
9370	91.17	308.53	6388.14	3169.25	1216.56	-2955.39	1.84	1 SlimPulse	0	0	0
9465	89.86	307	6387.29	3263.32	1274.73	-3030.48	2.11	1 SlimPulse	0	0	0
9560	91.03	307.1	6386.55	3357.56	1331.97	-3106.29	1.24	1 SlimPulse	0	0	0
9654	87.04	308.41	6388.13	3450.62	1389.5	-3180.59	4.47	1 SlimPulse	0	0	0
9748	87.59	308.12	6392.53	3543.49	1447.65	-3254.31	0.66	1 SlimPulse	0	0	0
9843	88.76	308.14	6395.55	3637.43	1506.28	-3329	1.23	1 SlimPulse	0	0	0
9938	88.83	306.2	6397.55	3731.62	1563.67	-3404.68	2.05	1 SlimPulse	0	0	0
10033	89.93	306.77	6398.57	3825.96	1620.15	-3481.05	1.31	1 SlimPulse	0	0	0
10128	91.96	311.99	6397	3919.59	1680.39	-3554.44	5.89	1 SlimPulse	0	0	0
10223	89.38	307.51	6395.89	4013.12	1741.11	-3627.46	5.44	1 SlimPulse	0	0	0
10316	91.82	304.39	6394.92	4105.56	1795.69	-3702.73	4.26	1 SlimPulse	0	0	0
10411	91.58	302.21	6392.09	4200.33	1847.82	-3782.09	2.31	1 SlimPulse	0	0	0
10505	92.78	304.42	6388.51	4294.08	1899.4	-3860.58	2.68	1 SlimPulse	0	0	0
10599	91.62	307.24	6384.9	4387.48	1954.39	-3936.73	3.24	1 SlimPulse	0	0	0
10694	88.28	306.63	6384.99	4481.73	2011.47	-4012.65	3.57	1 SlimPulse	0	0	0
10788	89.66	306.38	6386.68	4575.06	2067.38	-4088.19	1.49	1 SlimPulse	0	0	0
10884	91.31	306.61	6385.87	4670.4	2124.47	-4165.36	1.74	1 SlimPulse	0	0	0
10979	87.66	307.65	6386.73	4764.6	2181.8	-4241.08	3.99	1 SlimPulse	0	0	0
11073	88.59	307.47	6389.8	4857.69	2239.07	-4315.56	1.01	1 SlimPulse	0	0	0
11168	89.59	308.72	6391.31	4951.68	2297.67	-4390.31	1.68	1 SlimPulse	0	0	0
11263	90.17	307.12	6391.51	5045.72	2356.05	-4465.25	1.79	1 SlimPulse	0	0	0
11358	87.59	306.4	6393.36	5139.99	2412.88	-4541.35	2.82	1 SlimPulse	0	0	0
11453	88.76	306.27	6396.39	5234.32	2469.14	-4617.84	1.24	1 SlimPulse	0	0	0
11548	88.38	304.8	6398.75	5328.81	2524.33	-4695.12	1.6	1 SlimPulse	0	0	0
11642	90.52	307.97	6399.66	5422.17	2580.08	-4770.78	4.06	1 SlimPulse	0	0	0
11737	91.44	308.92	6398.03	5516.07	2639.14	-4845.17	1.4	1 SlimPulse	0	0	0
11832	92.13	307.26	6395.07	5610.03	2697.71	-4919.9	1.89	1 SlimPulse	0	0	0
11927	93.61	307.58	6390.31	5704.06	2755.37	-4995.25	1.59	1 SlimPulse	0	0	0
12021	91.07	307.31	6386.47	5797.14	2812.47	-5069.8	2.72	1 SlimPulse	0	0	0
12116	86.97	309.07	6388.1	5891.08	2871.19	-5144.44	4.69	1 SlimPulse	0	0	0
12210	87.8	308.88	6392.38	5983.78	2930.24	-5217.45	0.9	1 SlimPulse	0	0	0
12305	88.28	307.87	6395.63	6077.66	2989.18	-5291.88	1.18	1 SlimPulse	0	0	0
12400	90.86	308.86	6396.35	6171.59	3048.14	-5366.36	2.91	1 SlimPulse	0	0	0
12495	93.1	309.92	6393.07	6265.19	3108.39	-5439.72	2.6	1 SlimPulse	0	0	0
12590	94.3	309.68	6386.94	6358.55	3169.07	-5512.56	1.29	1 SlimPulse	0	0	0
12643	94.89	309.27	6382.69	6410.63	3202.66	-5553.34	1.34	1 SlimPulse	0	0	0
12705	94.89	309.27	6377.41	6471.56	3241.76	-5601.16	0	1 Other	0	0	7

RECEIVED  
Office of Oil and Gas

JUN 08 2015

WV Department of  
Environmental Protection

04/01/2016