

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: 514379

API: 47 - 103 - 02876

Submission: Initial Amended

Notes:

Correction to Production Cement Top
(MD)

RECEIVED
Office of Oil and Gas

FEB 02 2016

WV Department of
Environmental Protection

AX WS
03/25/2016

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 103 - 02876 County Wetzel District Grant
Quad Pine Grove Pad Name PNG129 Field/Pool Name _____
Farm name COASTAL LUMBER COMPANY Well Number 514379
Operator (as registered with the OOG) EQT Production Company
Address 625 Liberty Ave. EQT Plaza, Suite 1700 City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,378,082 Easting 530,869
Landing Point of Curve Northing 4,378,040 Easting 530,796
Bottom Hole Northing 4,379,530 Easting 531,274

Elevation (ft) 1330 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)

Water base Mud 14.1 ppb barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide,
partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 5/22/2013 Date drilling commenced 8/27/2013 Date drilling ceased 12/1/2013
Date completion activities began 10/13/2014 Date completion activities ceased 10/17/2014
Verbal plugging (Y/N) n/a Date permission granted n/a Granted by n/a

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 734' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2016', 2365' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 686', 968', 1038', 1052', 1080' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: _____

API 47-103 - 02876

Farm name COASTAL LUMBER COMPANY Well number 514379

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	28"	26"	40'	New	82.6#/ft	n/a	Y
Surface	17-1/2"	13-3/8"	947'	New	54.5#/ft	269,543	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	3385'	New	40#/ft	1239, 1786	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	11291'	New	20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details N/A

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	49	15.6	1.18	57.82	0	8
Surface	Class A	845	15.6	1.19	1005	0	8
Coal							
Intermediate 1	Class A	1515	15.6	1.18	1787.7	0	8
Intermediate 2							
Intermediate 3							
Production	Class A/Class H	765/525	15.0/15.6	1.21/1.83	1881	3,081	72
Tubing							

Drillers TD (ft) 11,292' Loggers TD (ft) N/A
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5524

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING Conductor-N/A
 Surface-bow spring centralizers set at 910', 639', and 287'
 Intermediate-bow spring centralizers set at 3378, 2947, 2440, 1935, 1430, 926, 421'
 Production-composite centralizer ran on every joint from td up to 4024'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

API 47-103 - 02876 Farm name COASTAL LUMBER COMPANY Well number 514379

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>Marcellus</u>	<u>7293.40</u>	<u>TVD</u>	<u>7594</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1950 psi Bottom Hole NA psi DURATION OF TEST 87.5 hrs

OPEN FLOW Gas 5759 mcfpd Oil 0 bpd NGL 6.48 bpd Water 441 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	<u>0</u>		<u>0</u>		

Please insert additional pages as applicable.

Drilling Contractor Savanna Drilling
Address 2204 Timberloch Place Suite 230 City Woodlands State TX Zip 77380

Logging Company Hoss Co. Services LLC
Address 614 Trotters Lane City Charleston State WV Zip 25312

Cementing Company Halliburton Energy Services
Address 121 Champion Way City Canonsburg State PA Zip 15317

Stimulating Company FTS International Services
Address 301 East 18th Street City Cisco State TX 76437 Zip _____

Please insert additional pages as applicable.

Completed by Brad Maddox Telephone 412-395-7053
Signature  Title Director of Drilling Date 01/20/2016

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

514379 Final Formations API: 47-103-02876

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
Fresh Water Zone	0	0	734	734
Sand / Shale	0	0	686	686
Coal	686	686	688	688
Sand / Shale	688	688	968	968
Coal	968	968	969	969
Sand / Shale	969	969	1,038.00	1,038.00
Coal	1,038.00	1,038.00	1,045.00	1,045.00
Sand / Shale	1,045.00	1,045.00	1,052.00	1,052.00
Coal	1,052.00	1,052.00	1,054.00	1,054.00
Sand / Shale	1,054.00	1,054.00	1,080.00	1,080.00
Coal	1,080.00	1,080.00	1,086.00	1,086.00
Sand / Shale	1,086.00	1,086.00	2,183.00	2,182.90
Maxton	2,183.00	2,182.90	2,419.00	2,418.90
Big Lime	2,419.00	2,418.90	2,658.00	2,657.90
Weir	2,658.00	2,657.90	2,856.00	2,855.80
Gantz	2,856.00	2,855.80	2,972.00	2,971.80
Fifty foot	2,972.00	2,971.80	3,045.00	3,044.80
Thirty foot	3,045.00	3,044.80	3,092.00	3,091.80
Gordon	3,092.00	3,091.80	3,212.00	3,211.80
Forth Sand	3,212.00	3,211.80	3,347.00	3,346.70
Bayard	3,347.00	3,346.70	3,763.00	3,762.70
Warren	3,763.00	3,762.70	3,889.00	3,888.70
Speechley	3,889.00	3,888.70	4,763.00	4,762.70
Riley	4,763.00	4,762.70	5,374.00	5,373.60
Benson	5,374.00	5,373.60	5,748.00	5,742.10
Alexander	5,748.00	5,742.10	7,228.00	7,044.50
Middlesex	7,228.00	7,044.50	7,274.00	7,084.50
Genesee	7,274.00	7,084.50	7,377.00	7,167.10
Geneseo	7,377.00	7,167.10	7,411.00	7,191.80
Tully	7,411.00	7,191.80	7,444.00	7,214.30
Hamilton	7,444.00	7,214.30	7,594.00	7,293.40
Marcellus	7,594.00	7,293.40	7,356.00	11,292.00

PHOENIX
TECHNOLOGY SERVICES



EQT Production - Marcellus

Wetzel County, WV

Wetzel County 514379

Well 514379

Main Wellbore

API: 47-103-02876

Design: As Drilled Surveys

Standard Survey Report

02 December, 2013

EQT

Where energy meets innovation.

03/25/2016



Phoenix Technologies, Inc.
Survey Report



Database:	EQT DB	Local Co-ordinate Reference:	Site Wetzel County 514379
Company:	EQT Production - Marcellus	TVD Reference:	KB @ 1346.0usft
Project:	Wetzel County, WV	MD Reference:	KB @ 1346.0usft
Site:	Wetzel County 514379	North Reference:	Grid
Well:	Well 514379	Survey Calculation Method:	Minimum Curvature
Wellbore:	Main Wellbore		
Design:	As Drilled Surveys		

Project **Wetzel County, WV**

Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	West Virginia North 4701		Using geodetic scale factor

Site **Wetzel County 514379**

Site Position:		Northing:	385,124.00 usft	Latitude:	39.55
From:	Map	Easting:	1,678,305.00 usft	Longitude:	-80.64
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.73 "

Well **Well 514379**

Well Position	+N/-S	0.0 usft	Northing:	385,124.00 usft	Latitude:	39° 33' 6.416 N
	+E/-W	0.0 usft	Easting:	1,678,305.00 usft	Longitude:	80° 38' 27.190 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	1,330.0 usft

Wellbore **Main Wellbore**

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	11/12/2013	-8.61	67.06	52,482

Design **As Drilled Surveys**

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
		0.0	0.0	0.0	156.90

Survey Program **Date 12/2/2013**

From (')	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	5,524.0	514379 Gyrodata Gyros (Main Wellbore)	GYD_DP_MS	Gyrodata gyro-compassing and drop
0.00	11,292.0	514379 MWD (Main Wellbore)	MWD	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	-1,346.0	0.0	0.0	0.0	0.00	0.00	0.00
103.0	0.26	186.60	103.0	-1,243.0	-0.2	0.0	0.2	0.25	0.25	0.00
203.0	0.28	189.97	203.0	-1,143.0	-0.7	-0.1	0.6	0.03	0.02	3.37
303.0	0.28	191.62	303.0	-1,043.0	-1.2	-0.2	1.0	0.01	0.00	1.65
403.0	0.15	199.16	403.0	-943.0	-1.5	-0.3	1.3	0.13	-0.13	7.54
503.0	0.06	113.23	503.0	-843.0	-1.7	-0.3	1.4	0.16	-0.09	-85.93
603.0	0.07	109.16	603.0	-743.0	-1.7	-0.2	1.5	0.01	0.01	-4.07
703.0	0.07	104.10	703.0	-643.0	-1.8	-0.1	1.6	0.01	0.00	-5.06



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Survey Report



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Company:	EQT Production - Marcellus	TVD Reference:	KB @ 1346 Dusft
Project:	Wetzel County, WV	MD Reference:	KB @ 1346 Dusft
Site:	Wetzel County 514379	North Reference:	Grid
Well:	Well 514379	Survey Calculation Method:	Minimum Curvature
Wellbore:	Main Wellbore		
Design:	As Drilled Surveys		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
803.0	0.06	110.20	803.0	-543.0	-1.8	0.1	1.7	0.01	-0.01	6.10
903.0	0.06	89.30	903.0	-443.0	-1.8	0.2	1.7	0.02	0.00	-20.90
1,003.0	0.21	178.53	1,003.0	-343.0	-2.0	0.2	1.9	0.22	0.15	89.23
1,103.0	0.38	191.84	1,103.0	-243.0	-2.5	0.2	2.4	0.18	0.17	13.31
1,203.0	0.39	193.86	1,203.0	-143.0	-3.2	0.0	2.9	0.02	0.01	2.02
1,303.0	0.37	182.02	1,303.0	-43.0	-3.8	-0.1	3.5	0.08	-0.02	-11.84
1,403.0	0.41	178.35	1,403.0	57.0	-4.5	-0.1	4.1	0.05	0.04	-3.67
1,503.0	0.38	173.27	1,503.0	157.0	-5.2	0.0	4.7	0.05	-0.03	-5.08
1,603.0	0.43	165.02	1,603.0	257.0	-5.9	0.1	5.4	0.08	0.05	-8.25
1,703.0	0.48	165.31	1,703.0	357.0	-6.6	0.3	6.2	0.05	0.05	0.29
1,803.0	0.56	154.37	1,803.0	457.0	-7.5	0.6	7.1	0.13	0.08	-10.94
1,903.0	0.82	137.64	1,903.0	557.0	-8.5	1.3	8.3	0.33	0.26	-16.73
2,003.0	0.87	136.87	2,003.0	657.0	-9.5	2.3	9.7	0.05	0.05	-0.77
2,103.0	0.87	136.76	2,102.9	756.9	-10.6	3.3	11.1	0.00	0.00	-0.11
2,203.0	0.92	138.22	2,202.9	856.9	-11.8	4.4	12.6	0.05	0.05	1.46
2,303.0	0.99	142.51	2,302.9	956.9	-13.1	5.5	14.2	0.10	0.07	4.29
2,403.0	1.01	143.31	2,402.9	1,056.9	-14.5	6.5	15.9	0.02	0.02	0.80
2,503.0	1.05	139.51	2,502.9	1,156.9	-15.9	7.6	17.6	0.08	0.04	-3.80
2,603.0	1.07	141.28	2,602.9	1,256.9	-17.3	8.8	19.4	0.04	0.02	1.77
2,703.0	1.03	143.86	2,702.9	1,356.9	-18.8	9.9	21.1	0.06	-0.04	2.58
2,803.0	1.03	142.56	2,802.8	1,456.8	-20.2	11.0	22.9	0.02	0.00	-1.30
2,903.0	1.06	142.36	2,902.8	1,556.8	-21.6	12.1	24.7	0.03	0.03	-0.20
3,003.0	1.06	143.59	3,002.8	1,656.8	-23.1	13.2	26.5	0.02	0.00	1.23
3,103.0	1.13	142.60	3,102.8	1,756.8	-24.6	14.4	28.3	0.07	0.07	-0.99
3,203.0	1.17	140.50	3,202.8	1,856.8	-26.2	15.6	30.2	0.06	0.04	-2.10
3,303.0	1.26	140.45	3,302.7	1,956.7	-27.8	17.0	32.3	0.09	0.09	-0.05
3,403.0	1.18	139.20	3,402.7	2,056.7	-29.5	18.4	34.3	0.08	-0.08	-1.25
3,503.0	1.03	137.45	3,502.7	2,156.7	-30.9	19.6	36.1	0.15	-0.15	-1.75
3,603.0	0.69	140.58	3,602.7	2,256.7	-32.0	20.6	37.6	0.34	-0.34	3.13
3,703.0	0.39	140.66	3,702.7	2,356.7	-32.8	21.2	38.5	0.30	-0.30	0.08
3,803.0	0.27	138.02	3,802.7	2,456.7	-33.2	21.6	39.0	0.12	-0.12	-2.64
3,903.0	0.22	144.45	3,902.7	2,556.7	-33.5	21.9	39.4	0.06	-0.05	6.43
4,003.0	0.11	169.46	4,002.7	2,656.7	-33.8	22.0	39.7	0.13	-0.11	25.01
4,103.0	0.07	243.06	4,102.7	2,756.7	-33.9	22.0	39.8	0.11	-0.04	73.60
4,203.0	0.08	270.94	4,202.7	2,856.7	-33.9	21.8	39.8	0.04	0.01	27.88
4,303.0	0.08	267.24	4,302.7	2,956.7	-33.9	21.7	39.7	0.01	0.00	-3.70
4,403.0	0.07	321.51	4,402.7	3,056.7	-33.9	21.6	39.7	0.07	-0.01	54.27
4,503.0	0.19	78.02	4,502.7	3,156.7	-33.8	21.7	39.6	0.23	0.12	116.51
4,603.0	0.31	63.68	4,602.7	3,256.7	-33.7	22.1	39.6	0.13	0.12	-14.34
4,703.0	0.44	65.25	4,702.7	3,356.7	-33.4	22.7	39.6	0.13	0.13	1.57
4,803.0	0.78	58.84	4,802.7	3,456.7	-32.9	23.6	39.5	0.35	0.34	-6.41
4,903.0	0.87	58.94	4,902.7	3,556.7	-32.1	24.9	39.3	0.09	0.09	0.10



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Survey Report



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Wellbore:	Main Wellbore		
Design:	As Drilled Surveys		

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,003.0	0.84	57.07	5,002.7	3,656.7	-31.3	26.1	39.1	0.04	-0.03	-1.87	
5,103.0	0.85	54.76	5,102.6	3,756.6	-30.5	27.4	38.8	0.04	0.01	-2.31	
5,203.0	0.82	70.37	5,202.6	3,856.6	-29.8	28.6	38.7	0.23	-0.03	15.61	
5,303.0	0.80	79.27	5,302.6	3,956.6	-29.5	30.0	38.9	0.13	-0.02	8.90	
5,403.0	0.82	87.45	5,402.6	4,056.6	-29.3	31.4	39.3	0.12	0.02	8.18	
5,503.0	0.76	93.43	5,502.6	4,156.6	-29.3	32.8	39.8	0.10	-0.06	5.98	
Gyro Tie In MD=5524'											
5,524.0	0.64	80.60	5,523.6	4,177.6	-29.3	33.0	39.9	0.94	-0.57	-61.10	
5,566.0	5.60	308.40	5,565.5	4,219.5	-28.0	31.7	38.2	14.40	11.81	-314.76	
5,598.0	10.00	310.80	5,597.2	4,251.2	-25.2	28.3	34.3	13.78	13.75	7.50	
5,630.0	12.40	307.60	5,628.6	4,282.6	-21.3	23.5	28.8	7.74	7.50	-10.00	
5,661.0	14.30	310.50	5,658.8	4,312.8	-16.8	17.9	22.5	6.50	6.13	9.35	
5,693.0	15.70	309.40	5,689.7	4,343.7	-11.5	11.6	15.1	4.46	4.38	-3.44	
5,725.0	17.60	311.10	5,720.3	4,374.3	-5.5	4.6	6.9	6.13	5.94	5.31	
5,756.0	21.00	312.20	5,749.6	4,403.6	1.3	-3.0	-2.4	11.03	10.97	3.55	
5,788.0	24.60	313.20	5,779.1	4,433.1	9.7	-12.2	-13.7	11.31	11.25	3.13	
5,820.0	28.10	314.20	5,807.8	4,461.8	19.5	-22.4	-26.7	11.02	10.94	3.13	
5,852.0	31.40	312.90	5,835.5	4,489.5	30.4	-33.9	-41.3	10.51	10.31	-4.06	
5,883.0	34.80	314.70	5,861.5	4,515.5	42.2	-46.1	-56.9	11.42	10.97	5.81	
5,915.0	38.00	318.20	5,887.3	4,541.3	55.9	-59.2	-74.7	11.92	10.00	10.94	
5,946.0	40.30	323.70	5,911.3	4,565.3	71.1	-71.5	-93.5	13.43	7.42	17.74	
5,978.0	42.80	324.80	5,935.3	4,589.3	88.4	-83.9	-114.2	8.14	7.81	3.44	
6,010.0	43.30	327.30	5,958.6	4,612.6	106.5	-96.1	-135.6	5.56	1.56	7.81	
6,041.0	43.20	326.60	5,981.2	4,635.2	124.3	-107.7	-156.6	1.58	-0.32	-2.26	
6,073.0	42.80	325.50	6,004.6	4,658.6	142.4	-119.9	-178.0	2.66	-1.25	-3.44	
6,105.0	42.40	325.00	6,028.2	4,682.2	160.2	-132.2	-199.2	1.64	-1.25	-1.56	
6,168.0	40.70	321.40	6,075.3	4,729.3	193.6	-157.2	-239.8	4.65	-2.70	-5.71	
6,200.0	39.90	320.30	6,099.7	4,753.7	209.7	-170.3	-259.7	3.35	-2.50	-3.44	
6,232.0	38.90	318.60	6,124.5	4,778.5	225.1	-183.5	-279.1	4.60	-3.13	-5.31	
6,263.0	38.20	321.30	6,148.7	4,802.7	239.9	-195.9	-297.5	5.88	-2.26	8.71	
6,295.0	37.80	326.00	6,173.9	4,827.9	255.8	-207.6	-316.7	9.13	-1.25	14.69	
6,327.0	37.00	326.40	6,199.4	4,853.4	271.9	-218.4	-335.8	2.61	-2.50	1.25	
6,358.0	34.50	324.30	6,224.5	4,878.5	286.8	-228.7	-353.6	8.98	-8.06	-6.77	
6,390.0	30.80	320.10	6,251.5	4,905.5	300.5	-239.2	-370.2	13.55	-11.56	-13.13	
6,422.0	27.10	316.40	6,279.5	4,933.5	312.0	-249.5	-384.9	12.84	-11.56	-11.56	
6,453.0	24.20	312.30	6,307.4	4,961.4	321.4	-259.1	-397.3	10.96	-9.35	-13.23	
6,485.0	23.10	310.40	6,336.7	4,990.7	329.9	-268.7	-408.9	4.18	-3.44	-5.94	
6,517.0	20.50	306.70	6,366.4	5,020.4	337.3	-278.0	-419.4	9.19	-8.13	-11.56	
6,548.0	18.60	300.10	6,395.6	5,049.6	343.1	-286.6	-428.0	9.39	-6.13	-21.29	
6,580.0	17.80	293.50	6,426.0	5,080.0	347.6	-295.5	-435.7	6.91	-2.50	-20.63	
6,612.0	18.30	288.00	6,456.5	5,110.5	351.1	-304.8	-442.5	5.55	1.56	-17.19	
6,643.0	19.10	282.70	6,485.8	5,139.8	353.7	-314.4	-448.7	6.06	2.58	-17.10	
6,675.0	18.00	277.60	6,516.2	5,170.2	355.5	-324.4	-454.3	6.12	-3.44	-15.94	



Phoenix Technologies, Inc.
Survey Report



Database:	EQT DB	Local Co-ordinate Reference:	Site Wetzel County 514379
Company:	EQT Production - Marcellus	TVD Reference:	KB @ 1346.0usft
Project:	Wetzel County, WV	MD Reference:	KB @ 1346.0usft
Site:	Wetzel County 514379	North Reference:	Grid
Well:	Well 514379	Survey Calculation Method:	Minimum Curvature
Wellbore:	Main Wellbore		
Design:	As Drilled Surveys		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,707.0	16.60	269.50	6,546.7	5,200.7	356.1	-333.8	-458.6	8.70	-4.38	-25.31
6,738.0	15.30	264.00	6,576.5	5,230.5	355.6	-342.3	-461.5	6.43	-4.19	-17.74
6,770.0	13.50	258.00	6,607.5	5,261.5	354.4	-350.2	-463.4	7.30	-5.63	-18.75
6,802.0	12.90	251.40	6,638.7	5,292.7	352.5	-357.2	-464.4	5.07	-1.88	-20.63
6,833.0	12.60	245.40	6,668.9	5,322.9	350.0	-363.6	-464.6	4.38	-0.97	-19.35
6,865.0	12.80	238.80	6,700.1	5,354.1	346.7	-369.8	-464.0	4.57	0.63	-20.63
6,896.0	13.30	229.80	6,730.3	5,384.3	342.6	-375.5	-462.5	6.74	1.61	-29.03
6,928.0	13.90	219.60	6,761.5	5,415.5	337.3	-380.7	-459.6	7.72	1.88	-31.88
6,960.0	13.80	211.10	6,792.5	5,446.5	331.1	-385.1	-455.6	6.36	-0.31	-26.56
6,991.0	15.20	201.60	6,822.5	5,476.5	324.1	-388.5	-450.6	8.89	4.52	-30.65
7,023.0	16.50	195.10	6,853.3	5,507.3	315.8	-391.3	-444.0	6.87	4.06	-20.31
7,055.0	17.30	189.30	6,884.0	5,538.0	306.7	-393.2	-436.4	5.83	2.50	-18.13
7,086.0	18.40	183.00	6,913.5	5,567.5	297.3	-394.2	-428.2	7.16	3.55	-20.32
7,118.0	20.20	175.90	6,943.7	5,597.7	286.8	-394.1	-418.4	9.23	5.63	-22.19
7,150.0	21.60	170.50	6,973.6	5,627.6	275.4	-392.7	-407.5	7.44	4.38	-16.88
7,181.0	23.60	168.00	7,002.2	5,656.2	263.7	-390.5	-395.8	7.16	6.45	-8.06
7,213.0	26.50	164.30	7,031.2	5,685.2	250.6	-387.2	-382.4	10.30	9.06	-11.56
7,245.0	28.90	162.00	7,059.5	5,713.5	236.4	-382.9	-367.7	8.21	7.50	-7.19
7,276.0	31.90	163.70	7,086.2	5,740.2	221.4	-378.3	-352.1	10.07	9.68	5.48
7,308.0	34.40	163.50	7,113.0	5,767.0	204.6	-373.4	-334.7	7.82	7.81	-0.63
7,340.0	38.10	162.20	7,138.8	5,792.8	186.5	-367.8	-315.9	11.81	11.56	-4.06
7,371.0	41.40	159.80	7,162.7	5,816.7	167.8	-361.3	-296.1	11.74	10.65	-7.74
7,403.0	44.30	160.70	7,186.1	5,840.1	147.3	-354.0	-274.4	9.26	9.06	2.81
7,435.0	47.90	159.90	7,208.3	5,862.3	125.6	-346.2	-251.4	11.39	11.25	-2.50
7,466.0	51.70	157.40	7,228.3	5,882.3	103.6	-337.5	-227.7	13.72	12.26	-8.06
7,498.0	54.90	158.90	7,247.4	5,901.4	79.7	-328.0	-202.1	10.68	10.00	4.69
7,530.0	59.10	158.70	7,264.9	5,918.9	54.7	-318.3	-175.2	13.14	13.13	-0.63
7,561.0	63.60	158.10	7,279.7	5,933.7	29.4	-308.3	-148.1	14.62	14.52	-1.94
7,593.0	67.30	159.60	7,293.0	5,947.0	2.3	-297.8	-119.0	12.32	11.56	4.69
7,625.0	71.20	158.20	7,304.3	5,958.3	-25.6	-287.0	-89.1	12.86	12.19	-4.38
7,656.0	75.00	157.40	7,313.4	5,967.4	-53.1	-275.8	-59.4	12.50	12.26	-2.58
7,688.0	78.60	157.50	7,320.7	5,974.7	-81.8	-263.9	-28.3	11.25	11.25	0.31
7,720.0	82.40	157.80	7,325.9	5,979.9	-111.0	-251.9	3.3	11.91	11.88	0.94
7,752.0	84.70	157.70	7,329.5	5,983.5	-140.4	-239.8	35.1	7.19	7.19	-0.31
7,783.0	88.00	157.30	7,331.5	5,985.5	-169.0	-228.0	66.0	10.72	10.65	-1.29
7,815.0	90.00	155.30	7,332.1	5,986.1	-198.3	-215.1	98.0	8.84	6.25	-6.25
7,878.0	91.60	154.20	7,331.2	5,985.2	-255.3	-188.3	160.9	3.08	2.54	-1.75
7,942.0	90.60	154.90	7,330.0	5,984.0	-313.1	-160.8	224.9	1.91	-1.56	1.09
8,005.0	89.60	154.40	7,329.9	5,983.9	-370.0	-133.8	287.8	1.77	-1.59	-0.79
8,068.0	88.90	154.30	7,330.7	5,984.7	-426.8	-106.5	350.8	1.12	-1.11	-0.16
8,132.0	88.50	152.90	7,332.1	5,986.1	-484.1	-78.1	414.6	2.27	-0.63	-2.19
8,195.0	88.70	153.00	7,333.7	5,987.7	-540.2	-49.4	477.5	0.35	0.32	0.16
8,258.0	88.60	152.80	7,335.2	5,989.2	-596.3	-20.7	540.3	0.35	-0.16	-0.32



Phoenix Technologies, Inc.
Survey Report



Database:	EQT DB	Local Co-ordinate Reference:	Site Welzel County 514379
Company:	EQT Production - Marcellus	TVD Reference:	KB @ 1346 0usft
Project:	Welzel County, WV	MD Reference:	KB @ 1346 0usft
Site:	Welzel County 514379	North Reference:	Grid
Well:	Well 514379	Survey Calculation Method:	Minimum Curvature
Wellbore:	Main Wellbore		
Design:	As Drilled Surveys		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,322.0	90.10	154.00	7,335.9	5,989.9	-653.5	7.9	604.2	3.00	2.34	1.88
8,385.0	91.10	154.70	7,335.2	5,989.2	-710.3	35.2	667.1	1.94	1.59	1.11
8,449.0	92.00	155.10	7,333.5	5,987.5	-768.2	62.3	731.0	1.54	1.41	0.63
8,512.0	91.40	151.50	7,331.6	5,985.6	-824.4	90.6	793.9	5.79	-0.95	-5.71
8,575.0	90.60	148.80	7,330.5	5,984.5	-879.1	122.0	856.4	4.47	-1.27	-4.29
8,639.0	91.20	149.00	7,329.5	5,983.5	-933.9	155.0	919.8	0.99	0.94	0.31
8,702.0	90.20	148.90	7,328.7	5,982.7	-987.8	187.5	982.2	1.60	-1.59	-0.16
8,765.0	88.90	150.20	7,329.2	5,983.2	-1,042.1	219.4	1,044.7	2.92	-2.06	2.06
8,829.0	88.50	150.60	7,330.7	5,984.7	-1,097.8	251.0	1,108.2	0.88	-0.63	0.63
8,892.0	87.30	151.70	7,333.0	5,987.0	-1,152.9	281.4	1,170.9	2.58	-1.90	1.75
8,955.0	88.00	152.90	7,335.6	5,989.6	-1,208.7	310.7	1,233.6	2.20	1.11	1.90
9,019.0	87.40	151.60	7,338.2	5,992.2	-1,265.2	340.4	1,297.4	2.24	-0.94	-2.03
9,082.0	87.80	151.70	7,340.8	5,994.8	-1,320.6	370.3	1,360.0	0.65	0.63	0.16
9,146.0	88.30	153.30	7,343.0	5,997.0	-1,377.4	399.9	1,423.8	2.62	0.78	2.50
9,209.0	89.20	152.90	7,344.3	5,998.3	-1,433.5	428.4	1,486.7	1.56	1.43	-0.63
9,272.0	90.00	153.00	7,344.8	5,998.8	-1,489.6	457.0	1,549.5	1.28	1.27	0.16
9,335.0	89.70	151.40	7,344.9	5,998.9	-1,545.4	486.4	1,612.3	2.58	-0.48	-2.54
9,399.0	90.20	151.30	7,345.0	5,999.0	-1,601.5	517.1	1,676.0	0.80	0.78	-0.16
9,462.0	89.10	150.70	7,345.4	5,999.4	-1,656.6	547.6	1,738.7	1.99	-1.75	-0.95
9,526.0	88.90	151.40	7,346.5	6,000.5	-1,712.6	578.6	1,802.3	1.14	-0.31	1.09
9,589.0	89.20	150.60	7,347.5	6,001.5	-1,767.7	609.1	1,865.0	1.36	0.48	-1.27
9,652.0	89.30	149.90	7,348.4	6,002.4	-1,822.4	640.4	1,927.5	1.12	0.16	-1.11
9,716.0	89.80	149.20	7,348.9	6,002.9	-1,877.6	672.8	1,991.0	1.34	0.78	-1.09
9,779.0	89.30	149.70	7,349.4	6,003.4	-1,931.8	704.8	2,053.5	1.12	-0.79	0.79
9,842.0	88.70	151.90	7,350.5	6,004.5	-1,986.8	735.6	2,116.1	3.62	-0.95	3.49
9,905.0	88.70	151.30	7,351.9	6,005.9	-2,042.2	765.5	2,178.8	0.95	0.00	-0.95
9,969.0	89.60	151.70	7,352.8	6,006.8	-2,098.5	796.1	2,242.5	1.54	1.41	0.63
10,032.0	90.50	152.10	7,352.8	6,006.8	-2,154.0	825.7	2,305.3	1.56	1.43	0.63
10,095.0	90.30	151.70	7,352.4	6,006.4	-2,209.6	855.4	2,368.0	0.71	-0.32	-0.63
10,159.0	90.00	150.10	7,352.2	6,006.2	-2,265.5	886.5	2,431.7	2.54	-0.47	-2.50
10,222.0	90.10	150.70	7,352.1	6,006.1	-2,320.3	917.7	2,494.3	0.97	0.16	0.95
10,285.0	90.40	153.50	7,351.9	6,005.9	-2,376.0	947.1	2,557.1	4.47	0.48	4.44
10,348.0	90.00	154.40	7,351.6	6,005.6	-2,432.6	974.8	2,620.0	1.56	-0.63	1.43
10,412.0	89.40	154.20	7,352.0	6,006.0	-2,490.2	1,002.6	2,683.9	0.99	-0.94	-0.31
10,475.0	89.40	154.70	7,352.6	6,006.6	-2,547.1	1,029.7	2,746.9	0.79	0.00	0.79
10,539.0	89.30	154.40	7,353.4	6,007.4	-2,604.9	1,057.2	2,810.8	0.49	-0.16	-0.47
10,602.0	89.40	154.30	7,354.1	6,008.1	-2,661.7	1,084.5	2,873.7	0.22	0.16	-0.16
10,665.0	90.50	155.30	7,354.1	6,008.1	-2,718.7	1,111.3	2,936.7	2.36	1.75	1.59
10,729.0	90.50	154.70	7,353.6	6,007.6	-2,776.7	1,138.4	3,000.6	0.94	0.00	-0.94
10,792.0	90.40	154.60	7,353.1	6,007.1	-2,833.6	1,165.3	3,063.6	0.22	-0.16	-0.16
10,856.0	90.80	154.90	7,352.4	6,006.4	-2,891.5	1,192.6	3,127.5	0.78	0.63	0.47
10,919.0	90.40	152.10	7,351.7	6,005.7	-2,947.8	1,220.7	3,190.4	4.49	-0.63	-4.44



Phoenix Technologies, Inc.
Survey Report



Database:	EQT DB	Local Co-ordinate Reference:	Site Wetzel County 514379
Company:	EQT Production - Marcellus	TVD Reference:	KB @ 1346 0usft
Project:	Wetzel County, WV	MD Reference:	KB @ 1346 0usft
Site:	Wetzel County 514379	North Reference:	Grid
Well:	Well 514379	Survey Calculation Method:	Minimum Curvature
Wellbore:	Main Wellbore		
Design:	As Drilled Surveys		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,982.0	89.50	150.10	7,351.8	6,005.8	-3,003.0	1,251.2	3,253.1	3.48	-1.43	-3.17
11,046.0	89.10	148.70	7,352.6	6,006.6	-3,058.1	1,283.8	3,316.5	2.27	-0.63	-2.19
11,109.0	88.70	148.10	7,353.8	6,007.8	-3,111.7	1,316.8	3,378.8	1.14	-0.63	-0.95
11,173.0	88.50	148.80	7,355.4	6,009.4	-3,166.2	1,350.2	3,442.1	1.14	-0.31	1.09
Final Survey MD=11236'										
11,236.0	89.70	151.90	7,356.3	6,010.3	-3,221.0	1,381.4	3,504.7	5.28	1.90	4.92
Projection to TD MD=11292'										
11,292.0	89.70	151.90	7,356.6	6,010.6	-3,270.4	1,407.8	3,560.5	0.00	0.00	0.00

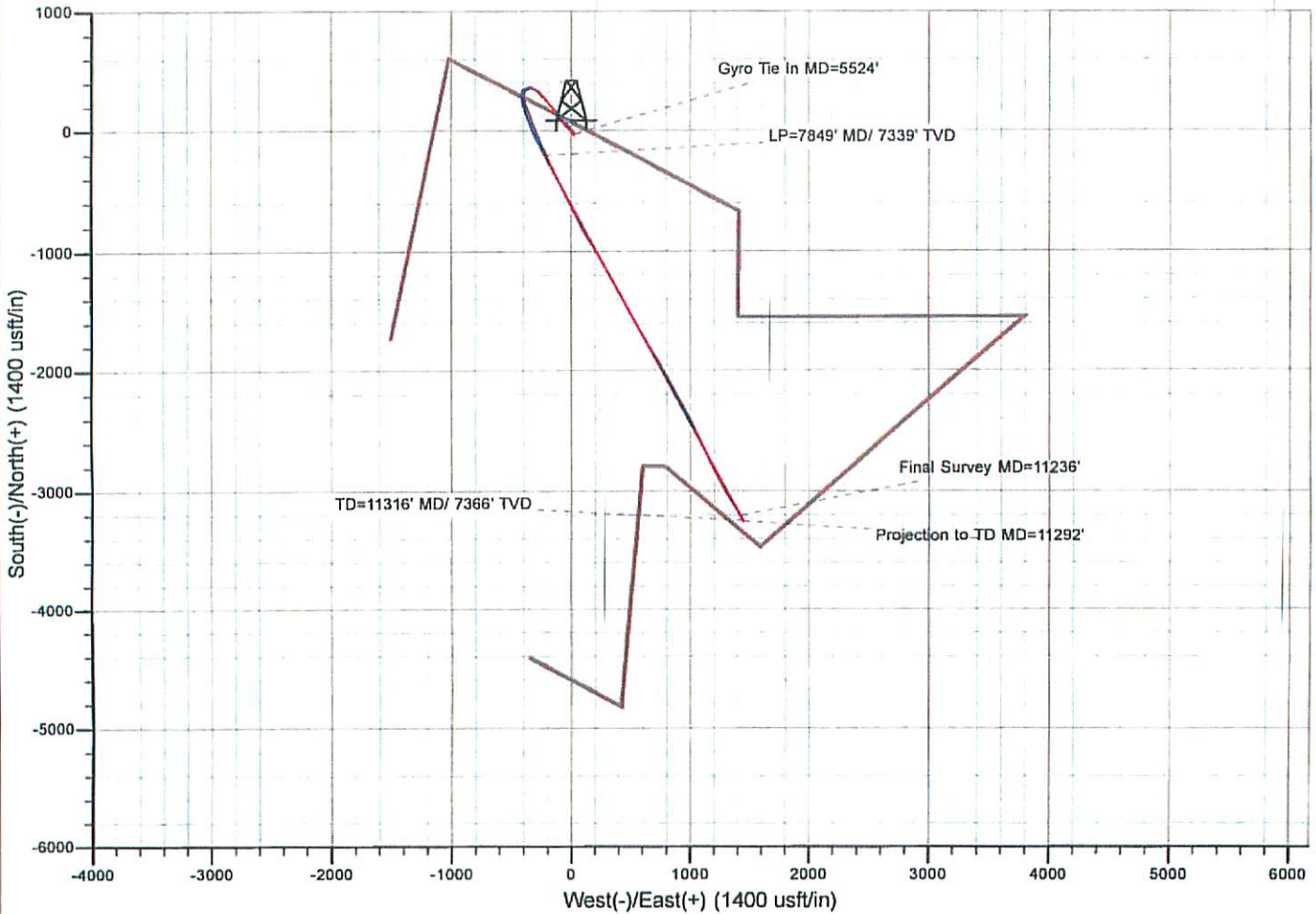
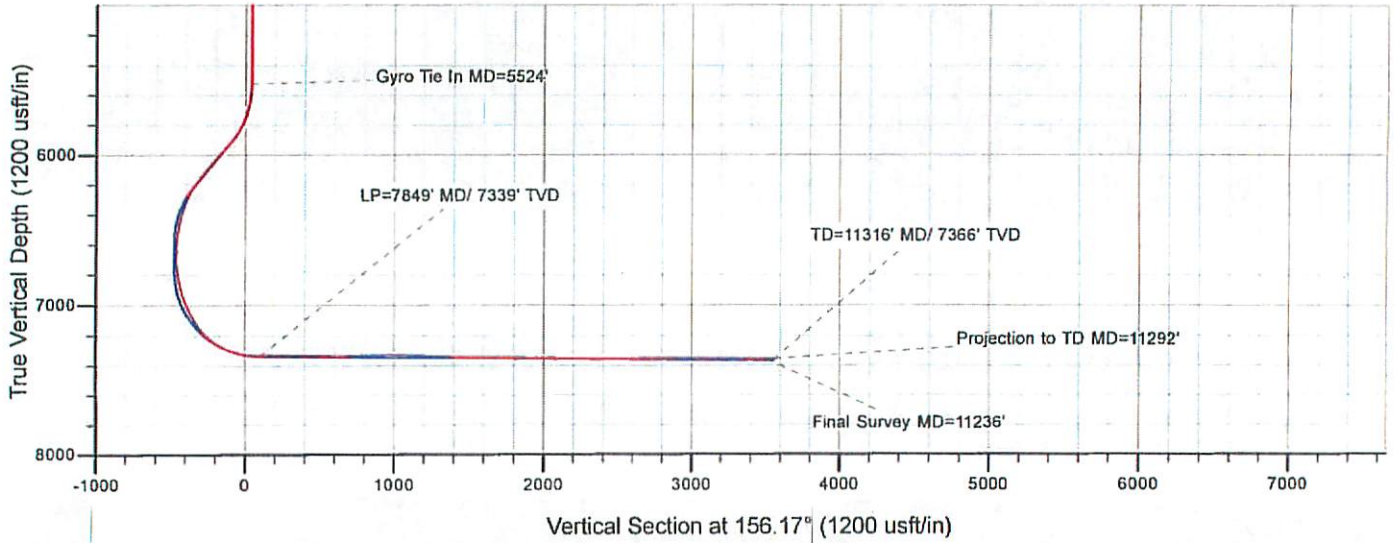
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
5,524.0	5,523.6	-29.3	33.0	Gyro Tie In MD=5524'
11,236.0	7,356.3	-3,221.0	1,381.4	Final Survey MD=11236'
11,292.0	7,356.6	-3,270.4	1,407.8	Projection to TD MD=11292'

Checked By: _____ Approved By: _____ Date: _____



EQT Production - Marcellus

Project: Wetzel County, WV
 Site: Wetzel County 514379
 Well: Well 514379
 Wellbore: Main Wellbore
 Design: As Drilled Surveys



514379 - 47-103-02876-0000 - Perforations

<i>Stage Number</i>	<i>Perforation Date</i>	<i>Top Perf Depth (ftKB)</i>	<i>Bottom Perf Depth (ftKB)</i>	<i>Number of Shots</i>	<i>Formation</i>
Initiation:Sleeve	10/13/2014	11,265.00	11,267.00	10	MARCELLUS
1	10/13/2014	11,084.00	11,219.00	32	MARCELLUS
2	10/13/2014	10,860.00	11,040.00	40	MARCELLUS
3	10/14/2014	10,635.00	10,815.00	40	MARCELLUS
4	10/14/2014	10,410.00	10,590.00	40	MARCELLUS
5	10/14/2014	10,185.00	10,365.00	40	MARCELLUS
6	10/15/2014	9,960.00	10,140.00	40	MARCELLUS
7	10/15/2014	9,735.00	9,915.00	40	MARCELLUS
8	10/15/2014	9,510.00	9,688.00	40	MARCELLUS
9	10/15/2014	9,285.00	9,465.00	40	MARCELLUS
10	10/16/2014	9,060.00	9,240.00	40	MARCELLUS
11	10/16/2014	8,835.00	9,015.00	40	MARCELLUS
12	10/16/2014	8,610.00	8,790.00	40	MARCELLUS
13	10/17/2014	8,385.00	8,565.00	40	MARCELLUS
14	10/17/2014	8,160.00	8,340.00	40	MARCELLUS
15	10/17/2014	7,935.00	8,115.00	40	MARCELLUS
16	10/17/2014	7,710.00	7,890.00	40	MARCELLUS

514379 - 47-103-02876-0000 - Stimulated Stages

Stage Number	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
Initiation Sleeve	10/13/2014	15.60	8,650.00	NA	4,771	0	134	0
1	10/13/2014	94.70	8,015.00	8,230.00	4,654	301,646	7,598	0
2	10/13/2014	98.80	8,083.00	8,395.00	5,232	300,910	7,780	0
3	10/14/2014	99.40	8,101.00	8,536.00	5,085	299,902	7,753	0
4	10/14/2014	98.20	8,290.00	8,903.00	4,509	299,264	7,367	0
5	10/15/2014	100.30	7,727.00	8,083.00	4,739	301,185	7,608	0
6	10/15/2014	99.70	7,978.00	8,158.00	4,561	301,110	7,582	0
7	10/15/2014	99.00	7,975.00	8,427.00	5,087	300,694	7,630	0
8	10/15/2014	99.90	7,787.00	8,255.00	4,970	301,451	7,737	0
9	10/16/2014	100.30	7,854.00	8,279.00	5,239	301,088	7,867	0
10	10/16/2014	100.20	7,803.00	8,080.00	5,065	301,258	7,643	0
11	10/16/2014	99.60	7,628.00	8,156.00	5,032	299,942	7,738	0
12	10/16/2014	96.00	7,921.00	9,031.00	5,180	298,346	7,732	0
13	10/17/2014	97.40	7,621.00	8,907.00	5,432	299,613	8,180	0
14	10/17/2014	95.20	8,105.00	8,674.00	5,284	299,571	7,691	0
15	10/17/2014	99.20	7,711.00	8,386.00	5,228	301,311	7,430	0
16	10/17/2014	99.80	7,644.00	8,828.00	4,748	296,918	8,002	0

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/13/2014
Job End Date:	10/17/2014
State:	West Virginia
County:	Wetzel
API Number:	47-103-02876-00-00
Operator Name:	EQT Production
Well Name and Number:	PNG129 - 514379
Longitude:	-80.64070300
Latitude:	39.55186400
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	7,357
Total Base Water Volume (gal):	5,283,096
Total Base Non Water Volume:	235,813



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	FTSI	Carrier	Water	7732-18-5	100.00000	89.84154	
Sand	FTSI	Proppant	Crystalline Silica	14808-60-7	100.00000	9.80766	
Hydrochloric Acid 15%	FTSI	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	0.03254	
FRW-600	FTSI	Friction Reducer	Hydrotreated light distillate	64742-47-8	30.00000	0.02293	
			Ammonium acetate	631-61-8	6.00000	0.00459	
HVG-1	FTSI	Gel	Petroleum Distillate	64742-47-8	55.00000	0.00454	
			Guar Gum	9000-30-0	50.00000	0.00413	
			Surfactant	68439-51-0	2.00000	0.00017	
			Clay	14808-60-7	2.00000	0.00017	
B-10	FTSI	Buffer Agent	Potassium carbonate	584-08-7	48.00000	0.00594	
			Potassium hydroxide	1310-58-3	20.00000	0.00248	
ICI-3240	FTSI	Biocide					

			Dazomet (Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione	533-74-4	24.00000	0.00237
			Sodium Hydroxide	1310-73-2	4.00000	0.00040
CS-500-SI	FTSI	Scale Inhibitor				
			Ethylene Glycol	107-21-1	10.00000	0.00248
CIO2	Neptune	Biocide				
			Chlorine Dioxide	10049-04-4	100.00000	0.00051
CI-150	FTSI	Corrosion Inhibitor				
			Ethylene Glycol	107-21-1	30.00000	0.00011
			Isopropanol	67-63-0	30.00000	0.00011
			Organic amine resin salt	Proprietary	30.00000	0.00011
			Quaternary ammonium compound	Proprietary	10.00000	0.00004
			Aromatic aldehyde	Proprietary	10.00000	0.00004
			Dimethylformamide	68-12-2	10.00000	0.00004
FE-100L	FTSI	Iron Control				
			Citric Acid	77-92-9	55.00000	0.00043
APB-1	FTSI	Gel Breaker				
			Ammonium Persulfate	7727-54-0	95.00000	0.00011
NE-100	FTSI	Non-Emulsifier				
			2-Butoxyethanol	111-76-2	10.00000	0.00003
			2-Propanol	67-63-0	10.00000	0.00003
			Dodecylbenzenesulfonic acid	27176-87-0	5.00000	0.00002

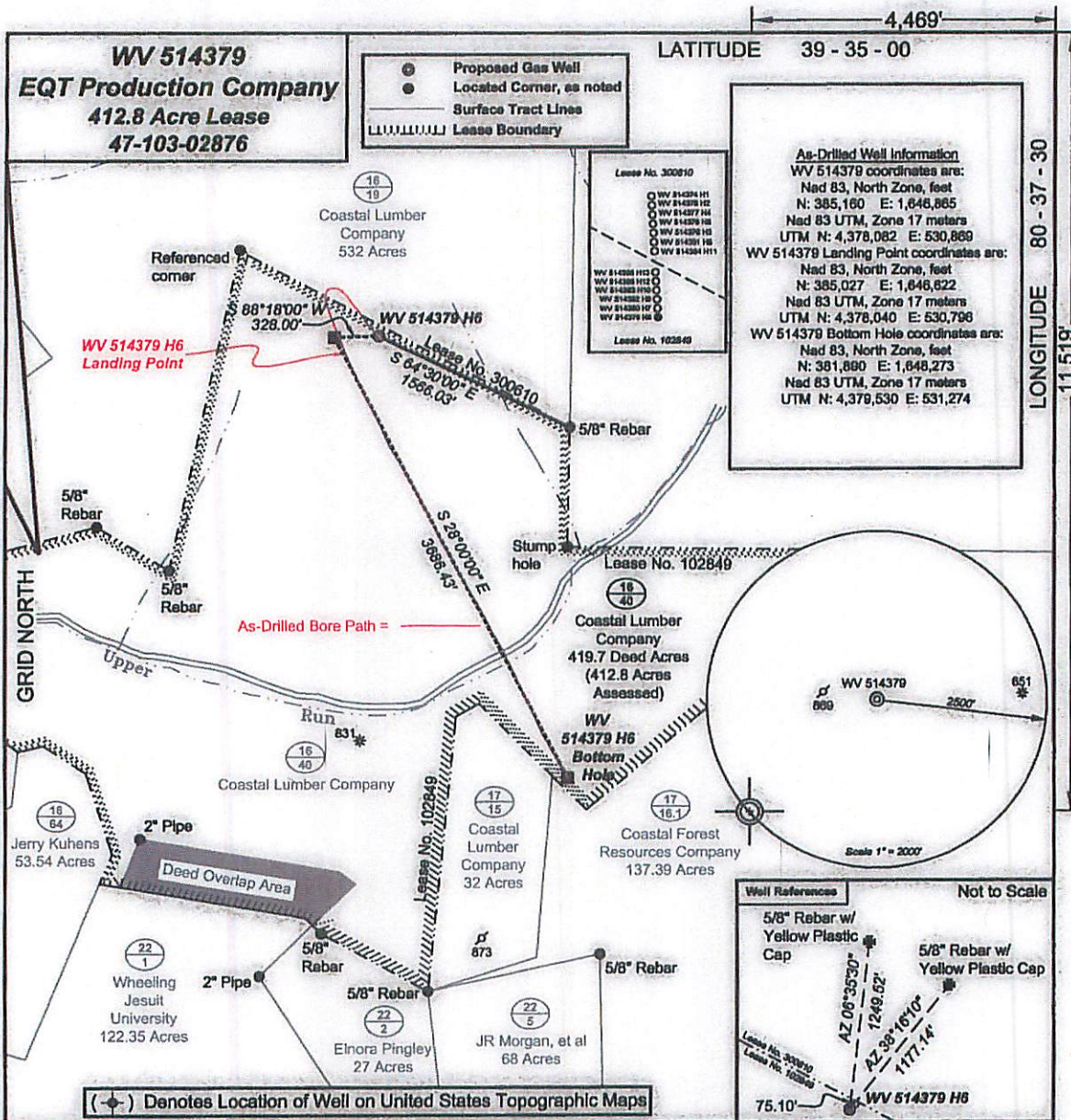
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

P.S. 2092



FILE NO: 204-34-G-12
 DRAWING NO: 204-12 PNG 129 H6 As Drilled
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: June 23 20 13
 OPERATOR'S WELL NO. WV 514379
 API WELL NO
 47 - 103 - 02876
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Ground 1,357 Proposed 1,329.5' WATERSHED Upper Run of South Fork of Fishing Creek QUADRANGLE: Pine Grove
 DISTRICT: Grant COUNTY: Wetzel
 SURFACE OWNER: Coastal Lumber Company ACREAGE: 412.8
 ROYALTY OWNER: Shiben Estates LEASE NO: 102849 ACREAGE: 419.7
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TWO 7,707 MD 12,709
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
 ADDRESS: 115 Professional Place P.O. Box 280 ADDRESS: 115 Professional Place P.O. Box 280
 Bridgeport, WV 26330 Bridgeport, WV 26330

03/25/2016