

JK

WR-35
Rev. 8/23/13

Page ___ of ___

RECEIVED
Office of Oil and Gas

DEC 19 2014

WV Department of
Environmental Protection

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

API 47 - 103 - 02870 County Wetzel District Grant
Quad Pine Grove Pad Name PNG129 Field/Pool Name _____
Farm name COASTAL LUMBER COMPANY Well Number 514383
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 4,378,096 Easting 530,868
Landing Point of Curve Northing 4,377,685 Easting 530,480
Bottom Hole Northing 4,376,741 Easting 530,989

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 14.0 ppg 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 5/29/2013 Date drilling commenced 8/27/2013 Date drilling ceased 12/24/2013
Date completion activities began 9/29/2014 Date completion activities ceased 10/3/2014
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: _____

01/23/2015

API 47-103 - 02870

Farm name COASTAL LUMBER COMPANY Well number 514383

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"	950'	New	54.5#/ft	120, 507	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	3382	New	40#/ft	1208, 1715	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	11943	New	20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details _____

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	1265	15.6	1.18	1493	0	8
Intermediate 2							
Intermediate 3							
Production	Class A/Class H	890/530	15/15.6	1.21/1.83	2047	3967	8
Tubing							

Drillers TD (ft) 11945 Loggers TD (ft) N/A
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 4987

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 910,558,247

Intermediate-bow spring centralizers set at 3360, 2890, 2385, 1878,1372, 865, 360

Production-composite centralizer ran on every joint from td up to 3967

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 _____

RECEIVED
 Office of Oil and Gas
 DEC 19 2014
 WV Department of
 Environmental Protection

API 47- 103 - 02870

Farm name COASTAL LUMBER COMPANY

Well number 514383

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
					See Attachment

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations 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)
								See Attachment

RECEIVED
Office of Oil and Gas
DEC 19 2014
WV Department of
Environmental Protection
01/23/2015

Please insert additional pages as applicable.

API 47- 103 - 02870 Farm name COASTAL LUMBER COMPANY Well number 514383

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>			
<u>Marcellus</u>	<u>7,286.60</u>	<u>TVD</u>	<u>8,133</u>	<u>MD</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

RECEIVED
 Office of Oil and Gas
 DEC 19 2014
 WV Department of
 Environmental Protection

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1,850 psi Bottom Hole NA psi DURATION OF TEST 90 hrs

OPEN FLOW Gas 8,053 mcfpd Oil 0 bpd NGL 49.1 bpd Water 491 bpd GAS MEASURED BY Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP DEPTH IN FT NAME TVD</u>	<u>BOTTOM DEPTH IN FT TVD</u>	<u>TOP DEPTH IN FT MD</u>	<u>BOTTOM DEPTH IN FT MD</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<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, LLC
 Address 301 East 18th Street City Cisco State TX Zip 76437

Please insert additional pages as applicable.

Completed by James Abbott Telephone 412-553-5996
 Signature  Title Director - Completions Operations Date 12/18/2014

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

103-02870

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
SAND / SHALE	0	0	686	686
FRESH WATER ZONE	1	1	734	734
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	2,183.00
MAXTON	2,183.00	2,183.00	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
50F	2,972.00	2,971.80	3,045.00	3,044.70
30F	3,045.00	3,044.70	3,092.00	3,091.70
GORDON	3,092.00	3,091.70	3,212.00	3,211.70
4TH	3,212.00	3,211.70	3,347.00	3,346.60
BAYARD	3,347.00	3,346.60	3,763.00	3,762.50
WARREN	3,763.00	3,762.50	3,889.00	3,888.50
SPEECHLEY	3,889.00	3,888.50	4,763.00	4,762.50
RILEY	4,763.00	4,762.50	5,378.00	5,368.10
BENSON	5,378.00	5,368.10	5,853.00	5,734.40
ALEXANDER	5,853.00	5,734.40	7,632.00	7,040.60
MIDDLESEX	7,632.00	7,040.60	7,692.00	7,082.80
GENESSEE	7,692.00	7,082.80	7,817.00	7,162.80
GENESE0	7,817.00	7,162.80	7,862.00	7,187.90
TULLY	7,862.00	7,187.90	7,903.00	7,208.70
HAMILTON	7,903.00	7,208.70	8,133.00	7,286.60
MARCELLUS	8,133.00	7,286.60	11945.00	7324.62

RECEIVED
Office of Oil and Gas

DEC 19 2014

WV Department of
Environmental Protection

01/23/2015

514383 - 47-103-02870-0000 - Perforations

Stage Number	Perforation Date	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Number of Shots	Formation
Initiation Sleeve	9/29/2014	11,916.00	11,918.00	10	MARCELLUS
1	9/29/2014	11,735.00	11,870.00	32	MARCELLUS
2	9/30/2014	11,511.00	11,691.00	40	MARCELLUS
2.1 (Re-Perf)	9/30/2014	11,530.00	11,560.00	24	MARCELLUS
3	9/30/2014	11,286.00	11,466.00	40	MARCELLUS
4	9/30/2014	11,064.00	11,241.00	40	MARCELLUS
5	10/1/2014	10,836.00	11,014.00	40	MARCELLUS
6	10/1/2014	10,611.00	10,791.00	40	MARCELLUS
7	10/1/2014	10,386.00	10,566.00	40	MARCELLUS
8	10/1/2014	10,161.00	10,341.00	40	MARCELLUS
9	10/1/2014	9,938.00	10,116.00	40	MARCELLUS
10	10/2/2014	9,711.00	9,891.00	40	MARCELLUS
11	10/2/2014	9,486.00	9,667.00	40	MARCELLUS
12	10/2/2014	9,261.00	9,441.00	40	MARCELLUS
13	10/2/2014	9,036.00	9,216.00	40	MARCELLUS
14	10/2/2014	8,811.00	8,991.00	40	MARCELLUS
15	10/3/2014	8,586.00	8,766.00	40	MARCELLUS
16	10/3/2014	8,363.00	8,541.00	40	MARCELLUS

103-02870

RECEIVED
Office of Oil and Gas

DEC 19 2014

WV Department of
Environmental Protection

514383 - 47-103-02870-0000 - 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	9/29/2014	12.00	3,200.00	NA	2,783	0	427	0
1	9/30/2014	100.20	8,073.00	8,294.00	5,726	297,539	7,543	0
2	9/30/2014	98.10	7,923.00	8,329.00	4,845	301,944	10,451	0
2.1 (Re-Perf)								
3	9/30/2014	98.80	8,247.00	8,559.00	4,452	301,056	7,712	0
4	9/30/2014	97.70	7,976.00	8,477.00	5,062	302,327	7,771	0
5	10/1/2014	97.90	8,238.00	8,730.00	4,500	300,857	7,755	0
6	10/1/2014	96.50	8,096.00	8,553.00	4,468	302,850	7,759	0
7	10/1/2014	97.20	8,113.00	8,549.00	4,503	300,542	7,914	0
8	10/1/2014	98.30	8,021.00	8,637.00	4,414	305,414	7,821	0
9	10/2/2014	97.50	8,255.00	9,017.00	4,380	302,758	7,757	0
10	10/2/2014	99.60	8,165.00	8,471.00	4,867	300,360	7,637	0
11	10/2/2014	99.50	7,975.00	8,928.00	5,504	301,093	7,627	0
12	10/2/2014	99.40	7,936.00	8,664.00	5,366	297,109	7,402	0
13	10/2/2014	98.20	7,862.00	8,274.00	5,456	303,094	7,775	0
14	10/3/2014	98.70	7,759.00	8,218.00	4,840	298,968	7,618	0
15	10/3/2014	99.80	7,896.00	8,807.00	5,287	273,302	7,188	0
16	10/3/2014	99.70	7,587.00	8,681.00	4,590	300,452	7,627	0

103-02870

RECEIVED
 Office of Oil and Gas
 DEC 19 2014
 WV Department of
 Environmental Protection

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	9/29/2014
Job End Date:	10/3/2014
State:	West Virginia
County:	Wetzel
API Number:	47-103-02870-00-00
Operator Name:	EQT Production
Well Name and Number:	PNG129 - 514383
Longitude:	-80.64071400
Latitude:	39.55198900
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	7,327
Total Base Water Volume (gal):	5,444,838
Total Base Non Water Volume:	234,695

WV Department of Environmental Protection



103-02870

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	90.14740	
Sand	FTSI	Proppant	Crystalline Silica	14808-60-7	100.00000	9.51981	
Hydrochloric Acid 15%	FTSI	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	0.03024	
FRW-600	FTSI	Friction Reducer	Hydrotreated light distillate	64742-47-8	30.00000	0.02241	
			Ammonium acetate	631-61-8	6.00000	0.00448	
B-10	FTSI	Buffer Agent	Potassium carbonate	584-08-7	48.00000	0.00598	
			Potassium hydroxide	1310-58-3	20.00000	0.00249	
HVG-1	FTSI	Gel	Petroleum Distillate	64742-47-8	55.00000	0.00403	
			Guar Gum	9000-30-0	50.00000	0.00366	
			Surfactant	68439-51-0	2.00000	0.00015	
			Clay	14808-60-7	2.00000	0.00015	
ICI-3240	FTSI	Biocide					

103-02870

			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	0.00246
CIO2	Neptune	Biocide				
			Chlorine Dioxide	10049-04-4	100.00000	0.00077
FE-100L	FTSI	Iron Control				
			Citric Acid	77-92-9	55.00000	0.00042
CI-150	FTSI	Corrosion Inhibitor				
			Ethylene Glycol	107-21-1	30.00000	0.00010
			Isopropanol	67-63-0	30.00000	0.00010
			Organic amine resin salt	Proprietary	30.00000	0.00010
			Aromatic aldehyde	Proprietary	10.00000	0.00003
			Dimethylformamide	68-12-2	10.00000	0.00003
			Quaternary ammonium compound	Proprietary	10.00000	0.00003
APB-1	FTSI	Gel Breaker				
			Ammonium Persulfate	7727-54-0	95.00000	0.00008
NE-100	FTSI	Non-Emulsifier				
			2-Propanol	67-63-0	10.00000	0.00003
			2-Butoxyethanol	111-76-2	10.00000	0.00003
			Dodecylbenzenesulfonic acid	27176-87-0	5.00000	0.00001

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)

RECEIVED
 Office of Oil and Gas
 DEC 19 2014
 WV Department of
 Environmental Protection

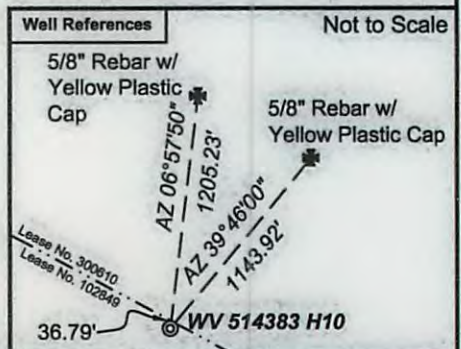
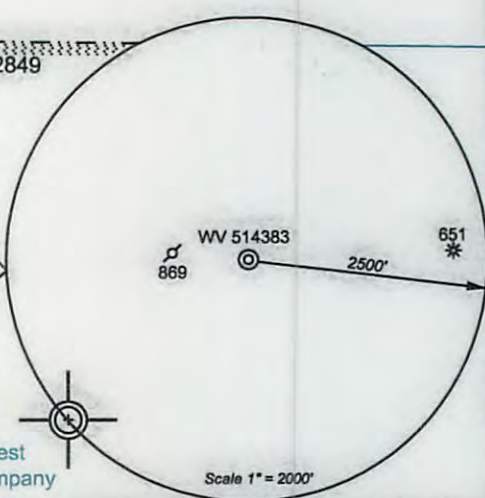
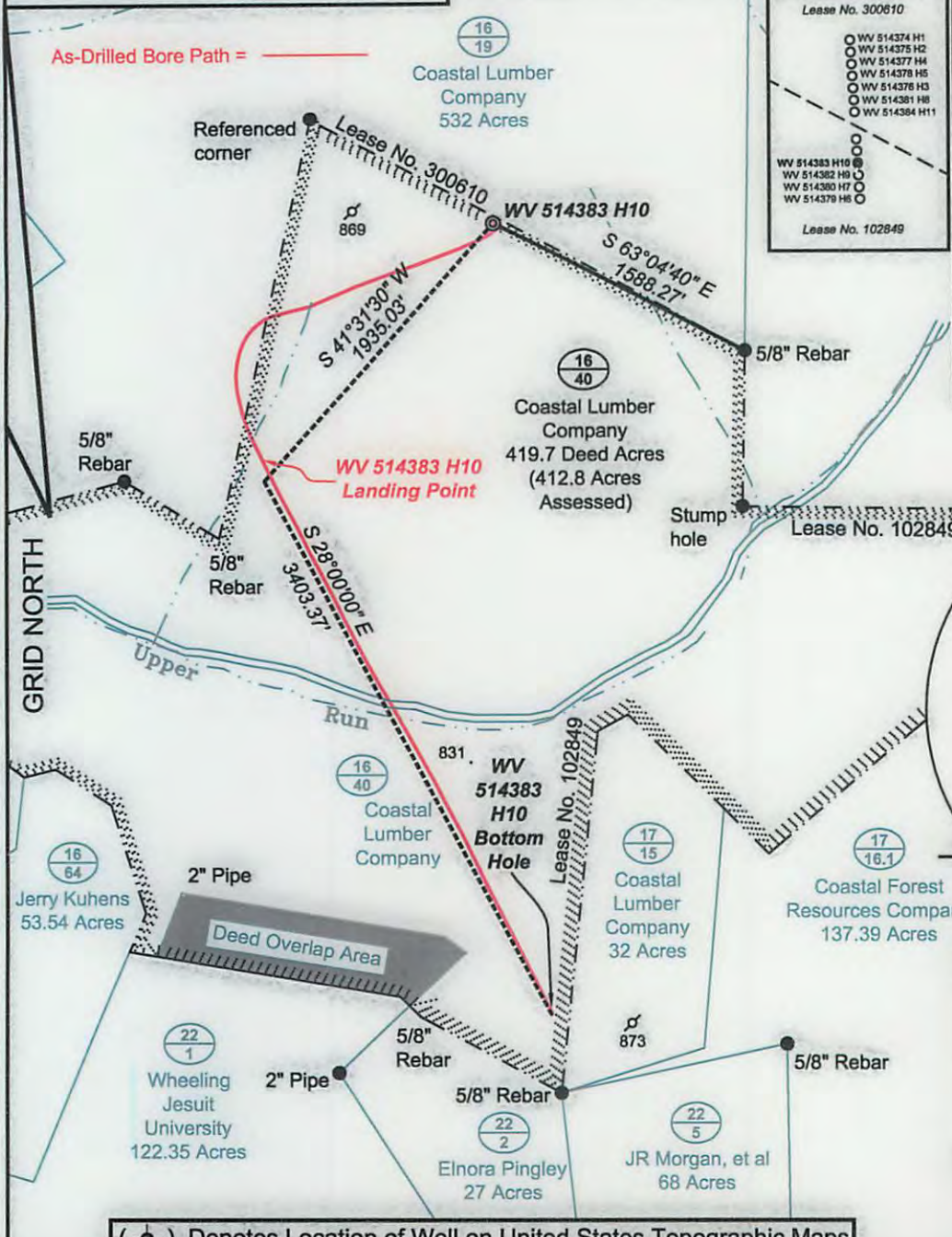
WV 514383
EQT Production Company
47-103-02870

- ⊙ Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- ▬▬▬▬▬▬ Lease Boundary

LATITUDE 39 - 35 - 00

As-Drilled Well Information
 WV 514383 coordinates are:
 Nad 83, North Zone, feet
 N: 385,205 E: 1,646,862
 Nad 83 UTM, Zone 17 meters
 UTM N: 4,378,096 E: 530,868
 WV 514383 Landing Point coordinates are:
 Nad 83, North Zone, feet
 N: 383,879 E: 1,645,568
 Nad 83 UTM, Zone 17 meters
 UTM N: 4,377,685 E: 530,480
 WV 514383 Bottom Hole coordinates are:
 Nad 83, North Zone, feet
 N: 380,752 E: 1,647,186
 Nad 83 UTM, Zone 17 meters
 UTM N: 4,376,741 E: 530,989

LONGITUDE 80 - 37 - 30
 11,474'

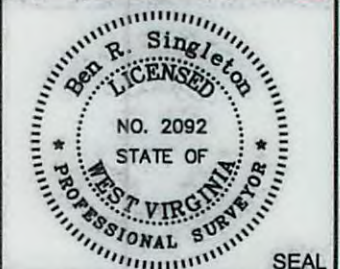


(⊙) Denotes Location of Well on United States Topographic Maps



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 H10 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 14
 OPERATOR'S WELL NO. WV 514383
 API WELL NO
 47 - 103 - 02870
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: Ground 1,360' 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: TVD 7,700' MD 14,202'

WELL OPERATOR: EQT Production Company ADDRESS: 115 Professional Place P.O. Box 280 Bridgeport, WV 26330
 DESIGNATED AGENT: Rex C. Ray ADDRESS: 115 Professional Place P.O. Box 280 Bridgeport, WV 26330

01/23/2015

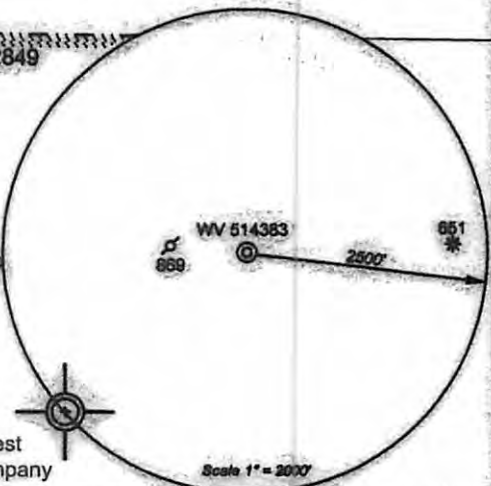
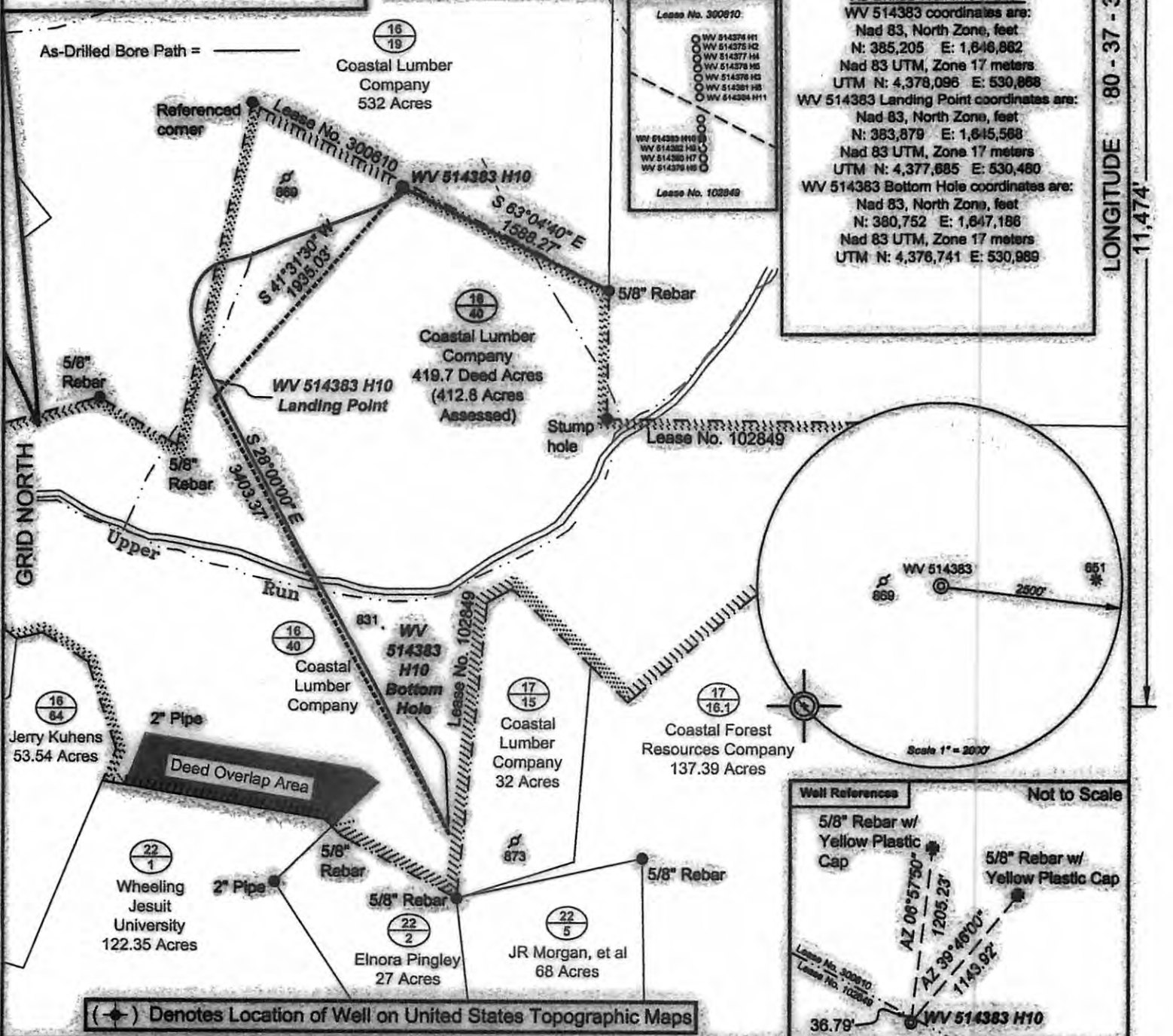
WV 514383
EQT Production Company
47-103-02870

● Proposed Gas Well
 ● Located Corner, as noted
 — Surface Tract Lines
 - - - - - Lease Boundary

LATITUDE 39 - 35 - 00

As-Drilled Well information
 WV 514383 coordinates are:
 Nad 83, North Zone, feet
 N: 385,205 E: 1,646,882
 Nad 83 UTM, Zone 17 meters
 UTM N: 4,378,096 E: 530,888
 WV 514383 Landing Point coordinates are:
 Nad 83, North Zone, feet
 N: 383,879 E: 1,645,588
 Nad 83 UTM, Zone 17 meters
 UTM N: 4,377,885 E: 530,480
 WV 514383 Bottom Hole coordinates are:
 Nad 83, North Zone, feet
 N: 380,752 E: 1,647,186
 Nad 83 UTM, Zone 17 meters
 UTM N: 4,376,741 E: 530,989

LONGITUDE 80 - 37 - 30
 11,474'



(●) Denotes Location of Well on United States Topographic Maps



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.

[Signature]
 P.S. 2092



FILE NO: 204-34-G-12
 DRAWING NO: 204-12 PNG 129 H10 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 14
 OPERATOR'S WELL NO. WV 514383
 API WELL NO
 47 - 103 - 02870
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Ground 1,360' 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: TVD 7,700' MD 14,200'
 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

01/23/2015

Well Operator's Report of Well Work



Where energy meets innovation.

RECEIVED
Office of Oil and Gas

DEC 19 2014

WV Department of
Environmental Protection

Well Number: 514383

API: 47 - 103 - 02870

Submission: Initial Amended

Notes: Stimulation Notes:

Re-Perforated stage 2 (2.1)

01/23/2015