

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

API 47 - 103 - 03293 County WETZEL District GRANT
Quad BIG RUN Pad Name BIG333 Field/Pool Name N/A
Farm name COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO. Well Number BIG333H11(516335)
Operator (as registered with the OOG) EQT Production Company
Address 625 LIBERTY AVENUE, 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 4,375,110.59 Easting 535,095.25
Landing Point of Curve Northing 4,374,562.21 Easting 534,219.54
Bottom Hole Northing 4,375,901.52 Easting 533,606.52

Elevation (ft) 1452' 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) Synthetic Based Mud 12.2 ppg, barium sulfate, salt, lime, organophilic clay, gibsonite, anionic emulsifier, polyamide emulsifier, organic polymeric viscosifier, oil soluble sulfonated surfactant, surfactant, thinner, calcium carbonate, walnut shells, cellulose, blend of deformable latex polymers

Date permit issued 04/26/2019 Date drilling commenced 05/17/2019 Date drilling ceased 07/14/2019
Date completion activities began 4/27/2020 Date completion activities ceased 5/23/2020
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug
Freshwater depth(s) ft 581,753 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2257,2333,2370,2657 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 743,883,919,1011,1240,1333 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
DMH 10/27/20

API 47-103 - 03293

Farm name COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO

Well number BIG333H11(516335)

| 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 | 30" | 26" | 40' | NEW | A-500 85.6# | N/A | Y |
| Surface | 17-1/2" | 13-3/8" | 991' | NEW | J-55 54.5# | N/A | Y |
| Coal | | | | | | | |
| Intermediate 1 | 12-3/8" & 12-1/4" | 9-5/8" | 3053' | NEW | A-500 40# | N/A | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8-3/4" & 8-1/2" | 5 1/2" | 14030' | NEW | HPP-110 20# | N/A | N |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details Production Cement job has calculated TOC of 1847' MD, which is greater than 500' TVD above the producing formation. No issues during cement job.

| 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 | 83 | 15.6 | 1.18 | 98 | 0 | 8+ |
| Surface | CLASS A | 810 | 15.6 | 1.21 | 980 | 0 | 8 |
| Coal | | | | | | | |
| Intermediate 1 | CLASS H | 1035 | 15.6 | 1.18 | 1221 | 0 | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS A | 2650 | 15.2 | 1.10 | 2915 | 1847 | 8+ |
| Tubing | | | | | | | |

Drillers TD (ft) 14046' MD Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) 3162' MD
 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: NONE
 SURFACE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE
 INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE
 PRODUCTION: ON SHOE TRACK AND EVERY JOINT TO 4868'

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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 _____

516335 47-103-03293-00-00 Perforations

| Stage Number | Perforation Date | Top Perf Depth (ftKB) | Bottom Perf Depth (ftKB) | Number of Shots | Formation |
|--------------|------------------|-----------------------|--------------------------|-----------------|-----------|
| 1 | 4/27/20 8:51 PM | 13,752 | 13,932 | 16 | MARCELLUS |
| 2 | 4/28/20 12:40 AM | 13,554 | 13,734 | 40 | MARCELLUS |
| 3 | 4/28/20 4:23 AM | 13,356 | 13,536 | 40 | MARCELLUS |
| 4 | 4/28/20 8:03 AM | 13,158 | 13,335 | 40 | MARCELLUS |
| 5 | 4/28/20 12:13 PM | 12,960 | 13,137 | 40 | MARCELLUS |
| 6 | 4/28/20 4:01 PM | 12,762 | 12,937 | 40 | MARCELLUS |
| 7 | 4/28/20 7:58 PM | 12,564 | 12,744 | 40 | MARCELLUS |
| 8 | 4/28/20 11:24 PM | 12,366 | 12,546 | 40 | MARCELLUS |
| 9 | 4/29/20 2:47 AM | 12,168 | 12,348 | 40 | MARCELLUS |
| 10 | 4/29/20 6:23 AM | 11,970 | 12,150 | 40 | MARCELLUS |
| 11 | 4/29/20 9:58 AM | 11,772 | 11,952 | 40 | MARCELLUS |
| 12 | 4/29/20 1:50 PM | 11,574 | 11,754 | 40 | MARCELLUS |
| 13 | 4/29/20 5:20 PM | 11,376 | 11,556 | 40 | MARCELLUS |
| 14 | 4/29/20 8:40 PM | 11,178 | 11,358 | 40 | MARCELLUS |
| 15 | 4/29/20 11:52 PM | 10,980 | 11,160 | 40 | MARCELLUS |
| 16 | 4/30/20 2:50 AM | 10,782 | 10,962 | 40 | MARCELLUS |
| 17 | 4/30/20 6:07 AM | 10,584 | 10,764 | 40 | MARCELLUS |
| 18 | 4/30/20 9:33 AM | 10,386 | 10,566 | 40 | MARCELLUS |
| 19 | 4/30/20 12:46 PM | 10,188 | 10,368 | 40 | MARCELLUS |
| 20 | 4/30/20 6:30 PM | 9,990 | 10,170 | 40 | MARCELLUS |
| 21 | 4/30/20 9:35 PM | 9,792 | 9,972 | 40 | MARCELLUS |
| 22 | 5/1/20 12:32 AM | 9,594 | 9,774 | 40 | MARCELLUS |
| 23 | 5/1/20 3:35 AM | 9,396 | 9,576 | 40 | MARCELLUS |
| 24 | 5/1/20 6:32 AM | 9,198 | 9,378 | 40 | MARCELLUS |
| 25 | 5/1/20 9:42 AM | 9,004 | 9,180 | 40 | MARCELLUS |
| KP | 5/1/20 5:04 PM | 8,880 | 8,882 | 0 | MARCELLUS |

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516335 47-103-03293-00-00 Stimulation 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 (bbbls) | Amount of Nitrogen/other (units) |
|--------------|------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|-------------------------|----------------------------------|
| 1 | 4/27/20 5:41 PM | 94 | 8823.3 | 9369.3 | 106.3 | 174733 | 5173 | 0 |
| 2 | 4/27/20 9:41 PM | 101 | 8659.7 | 8977.8 | 3038 | 440485 | 9855 | 0 |
| 3 | 4/28/20 1:31 AM | 101 | 8229.2 | 8515.9 | 2951.8 | 440217 | 9776 | 0 |
| 4 | 4/28/20 5:14 AM | 101 | 8357.6 | 8549.4 | 3008.9 | 440645 | 9859 | 0 |
| 5 | 4/28/20 9:28 AM | 100 | 8482.4 | 8709.3 | 3014.5 | 440067 | 9791 | 0 |
| 6 | 4/28/20 1:13 PM | 100 | 8449.8 | 8646.6 | 3129.1 | 440102 | 9815 | 0 |
| 7 | 4/28/20 5:04 PM | 101 | 8650.9 | 8888.5 | 3061.9 | 441286 | 9965 | 0 |
| 8 | 4/28/20 8:36 PM | 101 | 8316.5 | 8931.6 | 3182.6 | 440434 | 9679 | 0 |
| 9 | 4/29/20 12:03 AM | 101 | 8095.9 | 8348.8 | 3151.5 | 440372 | 9733 | 0 |
| 10 | 4/29/20 3:27 AM | 100 | 8123.6 | 8808.7 | 3168.8 | 440285 | 9720 | 0 |
| 11 | 4/29/20 7:17 AM | 100 | 8477.1 | 8766.7 | 3084.8 | 440375 | 9778 | 0 |
| 12 | 4/29/20 10:49 AM | 100 | 8361.5 | 8819 | 3183.5 | 440200 | 9754 | 0 |
| 13 | 4/29/20 2:35 PM | 101 | 8290.7 | 8731.8 | 3148.2 | 440214 | 9738 | 0 |
| 14 | 4/29/20 6:04 PM | 101 | 8105 | 9139.4 | 3165.4 | 440384 | 9680 | 0 |
| 15 | 4/29/20 9:15 PM | 101 | 8106.4 | 8703.4 | 3194.5 | 441036 | 9534 | 0 |
| 16 | 4/30/20 12:20 AM | 100 | 8379.9 | 9657 | 3204.2 | 440137 | 9500 | 0 |
| 17 | 4/30/20 3:24 AM | 101 | 8339.3 | 9420 | 3132.3 | 440332 | 9581 | 0 |
| 18 | 4/30/20 6:54 AM | 101 | 8114.5 | 9032.4 | 3089.3 | 440103 | 9682 | 0 |
| 19 | 4/30/20 10:09 AM | 101 | 7948.8 | 8822.1 | 3139 | 440278 | 9726 | 0 |
| 20 | 4/30/20 3:59 PM | 100 | 8097.4 | 9512.9 | 2881.6 | 441422 | 9568 | 0 |
| 21 | 4/30/20 7:04 PM | 100 | 8047.5 | 9207.7 | 3151.3 | 440350 | 9525 | 0 |
| 22 | 4/30/20 10:03 PM | 101 | 7837.8 | 8776 | 3193.5 | 440396 | 9422 | 0 |
| 23 | 5/1/20 1:03 AM | 101 | 7845.9 | 8875.9 | 3149.1 | 440302 | 9482 | 0 |
| 24 | 5/1/20 3:58 AM | 101 | 7764.8 | 8950.1 | 3083.5 | 440663 | 9279 | 0 |
| 25 | 5/1/20 7:08 AM | 101 | 7820.4 | 9241.9 | 2938.4 | 440339 | 9612 | 0 |
| 26 | 5/1/20 2:12 PM | 101 | 7594.2 | 8577.6 | 2742.7 | 437257 | 9525 | 0 |

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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|--------------------|
| Job Start Date: | 4/27/2020 |
| Job End Date: | 5/1/2020 |
| State: | West Virginia |
| County: | Wetzel |
| API Number: | 47-103-03293-00-00 |
| Operator Name: | EQT Production |
| Well Name and Number: | BIG333H11(516335) |
| Latitude: | 39.52492760 |
| Longitude: | -80.59167084 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 7,635 |
| Total Base Water Volume (gal): | 10,363,584 |
| Total Base Non Water Volume: | 0 |



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 | EQT | Carrier/Base Fluid | Water | 7732-18-5 | 100.00000 | 88.44442 | None |
| Sand (Proppant) | EQT | Proppant | Silica Substrate | 14808-60-7 | 100.00000 | 11.43588 | None |
| FR-9800 | ChemStream | Friction Reducer | Copolymer of 2-propenamamide | Proprietary | 30.00000 | 0.01298 | None |
| | | | Petroleum Distillate | 64742-47-8 | 20.00000 | 0.00865 | None |
| | | | Oleic Acid Diethanolamide | 93-83-4 | 2.00000 | 0.00087 | None |
| | | | Alcohols, C12-16, ethoxylated | 88551-12-2 | 2.00000 | 0.00087 | None |
| | | | Ammonium chloride ((NH4)Cl) | 12125-02-9 | 1.00000 | 0.00043 | None |
| Clearal 268 | ChemStream | Biocide | Non-hazardous substances | Proprietary | 90.00000 | 0.01286 | None |
| | | | Glutaraldehyde | 111-30-8 | 20.00000 | 0.00286 | None |
| | | | Alkyl dimethyl benzyl ammonium chloride | 68391-01-5 | 3.00000 | 0.00043 | None |
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00043 | None |
| StimSTREAM SC-398 | ChemStream | Scale Inhibitor | Non-hazardous substances | Proprietary | 90.00000 | 0.00845 | None |

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| | | | | | | | |
|--|--------------|-----------------------------|---|-------------|----------|---------|------|
| | | | Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid)(BHMT) | 64690-00-1 | 10.00000 | 0.00094 | None |
| Hydrochloric Acid (HCl) | FTSI | Acid | | | | | |
| | | | Hydrogen Chloride | 7647-01-0 | 15.00000 | 0.00789 | None |
| NEFE-180 | Stingray | Acid Inhibitor/Iron Control | | | | | |
| | | | Acetic Acid | 64-19-7 | 60.00000 | 0.00010 | None |
| | | | Methanol | 67-56-1 | 30.00000 | 0.00005 | None |
| | | | 2-Ethylhexanol | 104-76-7 | 7.50000 | 0.00001 | None |
| | | | Alcohols, C15-15, ethoxylated | 68951-67-7 | 3.00000 | 0.00001 | None |
| | | | Fatty Acids, tall oil | 61790-12-3 | 3.00000 | 0.00001 | None |
| | | | 2-Propyn-1-ol | 107-19-7 | 3.00000 | 0.00001 | None |
| | | | Cocunut Oil Acid diethanolamine | 68603-42-9 | 3.00000 | 0.00001 | None |
| | | | Olefin | 64743-02-8 | 3.00000 | 0.00001 | None |
| 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. | | | | | | | |
| Other Chemical(s) | Listed Above | See Trade Name(s) List | | | | | |
| | | | Non-hazardous substances | Proprietary | 90.00000 | 0.01286 | |
| | | | Petroleum Distillate | 64742-47-8 | 20.00000 | 0.00865 | |
| | | | Non-hazardous substances | Proprietary | 90.00000 | 0.00845 | |
| | | | Oleic Acid Diethanolamide | 93-83-4 | 2.00000 | 0.00087 | |
| | | | Alcohols, C12-16, ethoxylated | 68551-12-2 | 2.00000 | 0.00087 | |
| | | | Ammonium chloride ((NH4)Cl) | 12125-02-9 | 1.00000 | 0.00043 | |
| | | | Alkyl dimethyl benzyl ammonium chloride | 68391-01-5 | 3.00000 | 0.00043 | |
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00043 | |
| | | | Methanol | 67-56-1 | 30.00000 | 0.00005 | |
| | | | 2-Ethylhexanol | 104-76-7 | 7.50000 | 0.00001 | |
| | | | 2-Propyn-1-ol | 107-19-7 | 3.00000 | 0.00001 | |
| | | | Olefin | 64743-02-8 | 3.00000 | 0.00001 | |
| | | | Fatty Acids, tall oil | 61790-12-3 | 3.00000 | 0.00001 | |
| | | | Alcohols, C15-15, ethoxylated | 68951-67-7 | 3.00000 | 0.00001 | |
| | | | Cocunut Oil Acid diethanolamine | 68603-42-9 | 3.00000 | 0.00001 | |

* 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)

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API 47- 103 - 03293 Farm name COASTAL FOREST RESOURCES CO. db/a COASTAL TIMBERLANDS CO Well number BIG333H11(516335)

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

Logging Company Scientific Drilling International
Address 3475 Washington Avenue City Finleyville State Pa Zip 15332

Logging Company Gyrodata
Address 73 Noblestown Rd City Carnegie State Pa Zip 15106

Logging Company _____
Address _____ City _____ State _____ Zip _____

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| API# 47-103-03293-00-00 | | Final Formations | | Well# Big333H11 (516335) | |
|-------------------------|---------------------|------------------------|---------------------|--------------------------|--|
| Formation Name | Drill Top MD (ftKB) | Drill Top (TVD) (ftKB) | Drill Btm MD (ftKB) | Drill Btm (TVD) (ftKB) | |
| SAND/SHALE | 1 | 1 | 743 | 743 | |
| WASHINGTON COAL | 743 | 743 | 745 | 745 | |
| SAND/SHALE | 745 | 745 | 883 | 883 | |
| WAYNESBURG COAL | 883 | 883 | 885 | 885 | |
| SAND/SHALE | 885 | 885 | 919 | 919 | |
| COAL | 919 | 919 | 920 | 920 | |
| SAND/SHALE | 920 | 920 | 1011 | 1011 | |
| UNIONTOWN COAL | 1011 | 1011 | 1012 | 1012 | |
| SAND/SHALE | 1012 | 1012 | 1240 | 1240 | |
| PITTSBURGH COAL | 1240 | 1240 | 1245 | 1245 | |
| SAND/SHALE | 1245 | 1245 | 1333 | 1332 | |
| COAL | 1333 | 1332 | 1337 | 1336 | |
| SAND/SHALE | 1337 | 1336 | 2526 | 2523 | |
| BIG LIME | 2526 | 2523 | 2621 | 2618 | |
| SAND/SHALE | 2621 | 2618 | 2636 | 2633 | |
| BIG INJUN | 2636 | 2633 | 2743 | 2740 | |
| SAND/SHALE | 2743 | 2740 | 2875 | 2872 | |
| WEIR | 2875 | 2872 | 2992 | 2989 | |
| SAND/SHALE | 2992 | 2989 | 3285 | 3281 | |
| GANTZ | 3285 | 3281 | 3340 | 3335 | |
| SAND/SHALE | 3340 | 3335 | 3381 | 3374 | |
| FIFTY FOOT | 3381 | 3374 | 3431 | 3421 | |
| SAND/SHALE | 3431 | 3421 | 3442 | 3431 | |
| THIRTY FOOT | 3442 | 3431 | 3475 | 3461 | |
| SAND/SHALE | 3475 | 3461 | 3500 | 3483 | |
| GORDON | 3500 | 3483 | 3516 | 3497 | |
| SAND/SHALE | 3516 | 3497 | 3534 | 3513 | |
| FOURTH SAND | 3534 | 3513 | 3544 | 3521 | |
| SAND/SHALE | 3544 | 3521 | 3561 | 3536 | |
| FIFTH SAND | 3561 | 3536 | 3600 | 3568 | |
| SAND/SHALE | 3600 | 3568 | 3627 | 3589 | |
| BAYARD | 3627 | 3589 | 3661 | 3615 | |
| SAND/SHALE | 3661 | 3615 | 4029 | 3884 | |
| SPEECHLEY | 4029 | 3884 | 4097 | 3936 | |
| SAND/SHALE | 4097 | 3936 | 4112 | 3948 | |
| BALLTOWN A | 4112 | 3948 | 4250 | 4056 | |
| SAND/SHALE | 4250 | 4056 | 5005 | 4648 | |
| RILEY | 5005 | 4648 | 5064 | 4696 | |
| SAND/SHALE | 5064 | 4696 | 5570 | 5092 | |
| BENSON | 5570 | 5092 | 5663 | 5164 | |
| SAND/SHALE | 5663 | 5164 | 5965 | 5396 | |
| ALEXANDER | 5965 | 5396 | 6012 | 5432 | |
| ELKS | 6012 | 5432 | 8291 | 7183 | |
| SONYEA | 8291 | 7183 | 8502 | 7345 | |
| MIDDLESEX | 8502 | 7345 | 8572 | 7394 | |
| GENESEE | 8572 | 7394 | 8708 | 7477 | |
| GENESEO | 8708 | 7477 | 8757 | 7503 | |
| TULLY | 8757 | 7503 | 8798 | 7524 | |
| HAMILTON | 8798 | 7524 | 9004 | 7607 | |
| MARCELLUS | 9004 | 7607 | 14046 | 7634 | |

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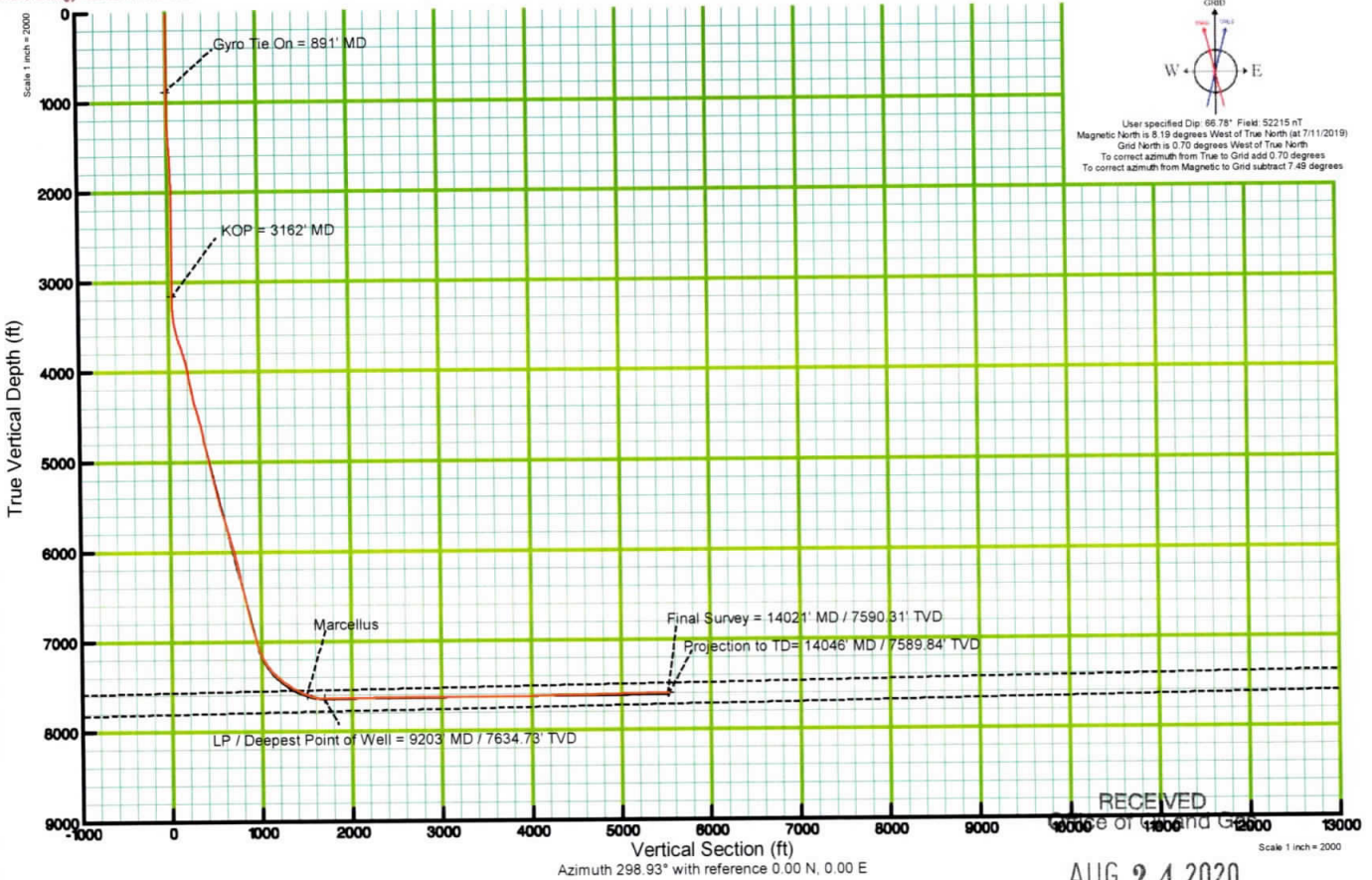
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Where energy meets innovation.

Ground elevation = 1452 ft
 KB elevation = 1475 ft
 All measurements are taken from KB elevation

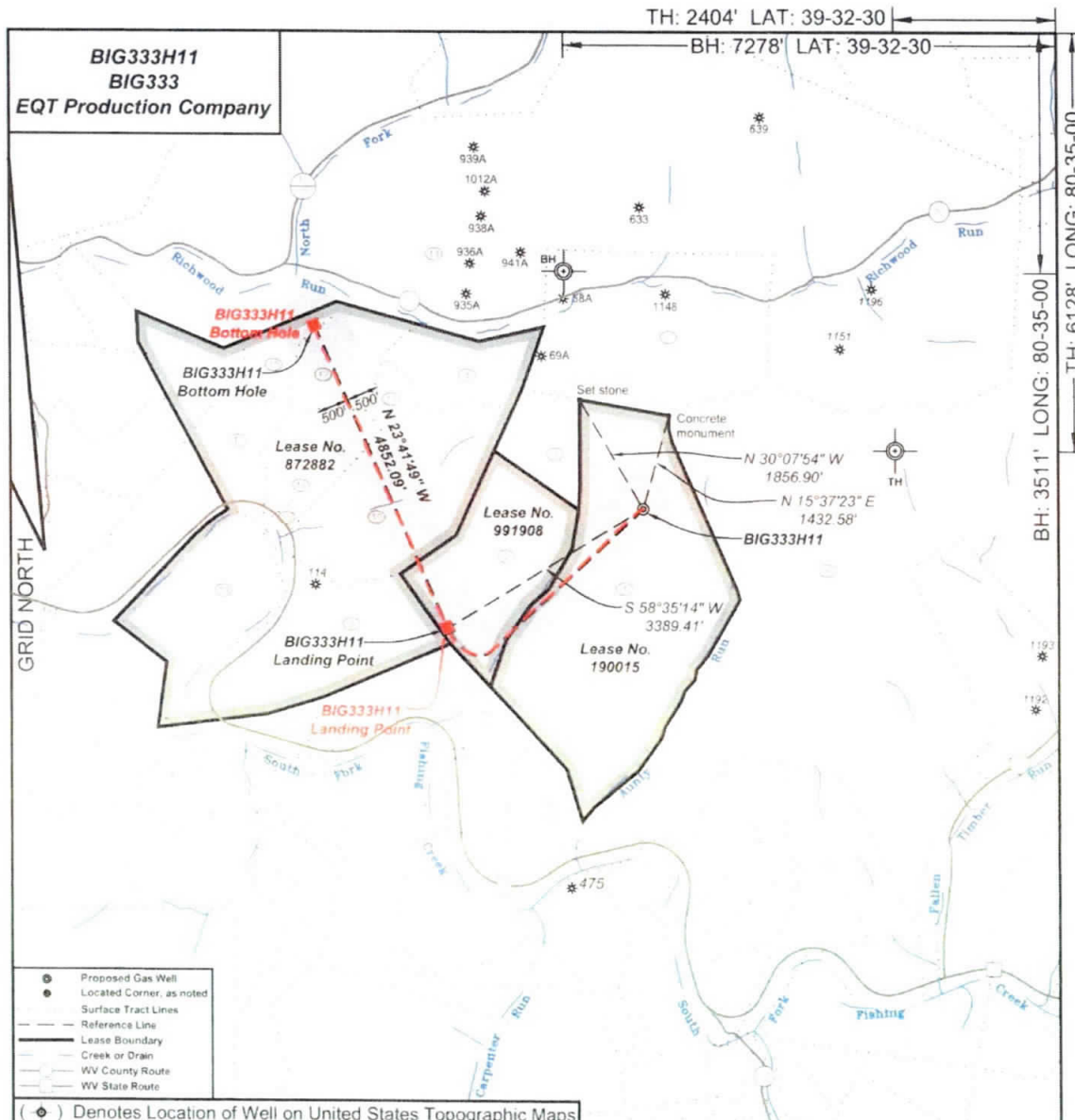


| Bottom Hole Location | | | | | | | | | |
|----------------------|----------|--------|----------|--------------|--------------|-------------------|--------------------|-----------|------------|
| MD (ft) | Incl (°) | Az (°) | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude |
| 14046 | 81.08 | 341.73 | 7589.84 | 2677.20 | -4842.19 | 1687168.61 | -377818.47 | 39.532031 | -80.609134 |

| Landing Point | | | | | | | | | |
|---------------|----------|--------|----------|--------------|--------------|-------------------|--------------------|-----------|------------|
| MD (ft) | Incl (°) | Az (°) | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude |
| 9203 | 90.74 | 336.25 | 7634.73 | -1751.53 | -2903.87 | 1689107.02 | 373390.00 | 39.519939 | -80.602070 |

| KOP | | | | | | | | | |
|---------|----------|--------|----------|--------------|--------------|-------------------|--------------------|-----------|------------|
| MD (ft) | Incl (°) | Az (°) | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude |
| 3162 | 0.62 | 359.06 | 3158.56 | -22.51 | -59.20 | 1691951.32 | 375118.92 | 39.524780 | -80.592063 |

| Surface Location | | | |
|-------------------|--------------------|-----------|------------|
| Grid East (US ft) | Grid North (US ft) | Latitude | Longitude |
| 1692010.51 | 375141.43 | 39.524844 | -80.591854 |



- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

(●) 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.

Ben B. Smith
P.S. 2092



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FILE NO 33-15
DRAWING NO 33-15 BIG333H11
SCALE 1" = 2000'
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 July 17 20 19
OPERATOR'S WELL NO BIG333H11
API WELL NO 47 - 103 - 03293
STATE COUNTY PERMIT

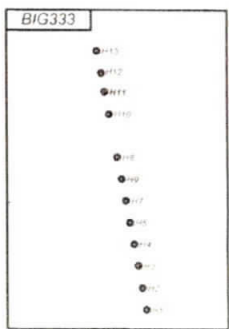
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built - 1451' WATERSHED Aunty Run of South Fork Fishing Creek QUADRANGLE: Big Run
DISTRICT: Grant COUNTY: Wetzel
SURFACE OWNER: Coastal Forest Resources Co., d/b/a Coastal Timberlands Co. ACREAGE: 283.6±
ROYALTY OWNER: Equitrans, Inc. LEASE NO: 190015 ACREAGE: 285±
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: 7,643'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Jason Ranson
ADDRESS: 2400 Ansys Drive, Suite 200 ADDRESS: 115 Professional Place PO Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

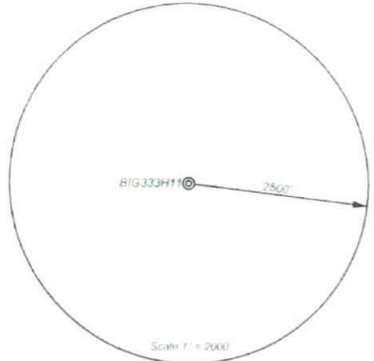
BIG333H11
BIG333
EQT Production Company

| Tract ID | Tax Map No. | Parcel No. | County | District | Surface Tract Owner | Acres |
|----------|-------------|------------|--------|----------|--------------------------------|---------|
| 1 | 23 | 13 | Wetzel | Grant | Coastal Forest Resources Co | 283.60 |
| 2 | 23 | 12 | Wetzel | Grant | Larry Lanew, et al | 104.80 |
| 3 | 23 | 9 | Wetzel | Grant | Larry Lanew, et al | 31.50 |
| 4 | 23 | 4 | Wetzel | Grant | Dalhous Lumber Inc | 36.10 |
| 5 | 23 | 5 | Wetzel | Grant | Al Wyatt Heirs | 173.68 |
| 6 | 23 | 14 | Wetzel | Grant | Richard B. Dalhaus, et al | 879.90 |
| 7 | 28 | 8 | Wetzel | Grant | Joseph W. Cadin | 112.90 |
| 8 | 28 | 6 | Wetzel | Grant | Joseph W. Cadin | 190.74 |
| 9 | 23 | 11.4 | Wetzel | Grant | Richard S. Roxanne Funk, et al | 88.21 |
| 10 | 23 | 8 | Wetzel | Grant | Richard S. Roxanne Funk, et al | 113.81 |
| 11 | 23 | 3 | Wetzel | Grant | Dalhous Lumber Inc | 15.00 |
| 12 | 23 | 7 | Wetzel | Grant | Billy Dewayne Arnolds, Jr | 38.80 |
| 13 | 17 | 14 | Wetzel | Grant | Coastal Forest Resources Co | 1807.60 |
| 14 | 21 | 44 | Wetzel | Grant | Lydie Marlyn & Sharon Ann | 68.15 |
| 15 | 23 | 7 | Wetzel | Grant | Marcus E. & Linda S. Dertig | 3.10 |
| 16 | 23 | 7.1 | Wetzel | Grant | Dalhous Lumber Inc | 49.65 |
| 17 | 23 | 6 | Wetzel | Grant | Dalhous Lumber Inc | 46.82 |
| 18 | 23 | 1 | Wetzel | Grant | Billy Dewayne Arnolds, Jr | 18.30 |

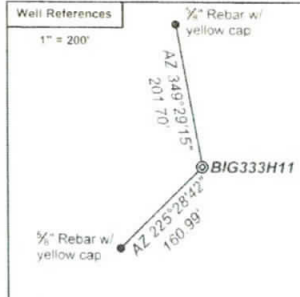
As-Drilled Well Info
BIG333H11 coordinates are
 NAD 27 N: 375,141.45 E: 1,692,010.51
 NAD 83 UTM N: 4,375,110.59 E: 535,095.25
BIG333H13 Landing Point coordinates are
 NAD 27 N: 373,390.00 E: 1,689,107.02
 NAD 83 UTM N: 4,374,562.21 E: 534,219.54
BIG333H13 Bottom Hole coordinates are
 NAD 27 N: 377,818.47 E: 1,687,168.61
 NAD 83 UTM N: 4,375,901.52 E: 533,606.52
 West Virginia Coordinate system of 1927 (North Zone)
 based upon Differential GPS Measurements
 Plat orientation, corner and well ties are based upon
 the grid north meridian
 Well location references are based upon the grid north
 meridian
 UTM coordinates are NAD83, Zone 17, Meers



| Lease No. | Acres | Owner |
|-----------|-------|--------------------|
| 991908 | 104.8 | Brian C. Fox et al |
| 872882 | 436 | Shben Estates |



- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route



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.

Ben R. Snythe
 P.S. 2092



RECEIVED
 Office of Oil and Gas
 AUG 24 2020
 WV Department of Environmental Protection

FILE NO 33-15
 DRAWING NO 33-15 BIG333H11
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION NGS CORS Station



DATE July 17 20 19
 OPERATOR'S WELL NO BIG333H11
 API WELL NO 47 103 03293
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built - 1451' WATERSHED Aunty Run of South Fork Fishing Creek QUADRANGLE: Big Run
 DISTRICT: Grant COUNTY: Wetzel
 SURFACE OWNER: Coastal Forest Resources Co., d/b/a Coastal Timberlands Co. ACREAGE: 283.6±
 ROYALTY OWNER: Equitrans, Inc. LEASE NO: 190015 ACREAGE: 285±
 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: 7,643'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Jason Ranson
 ADDRESS: 2400 Ansys Drive, Suite 200 ADDRESS: 115 Professional Place PO Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

TH: 2404' LAT: 39-32-30

BH: 7278' LAT: 39-32-30

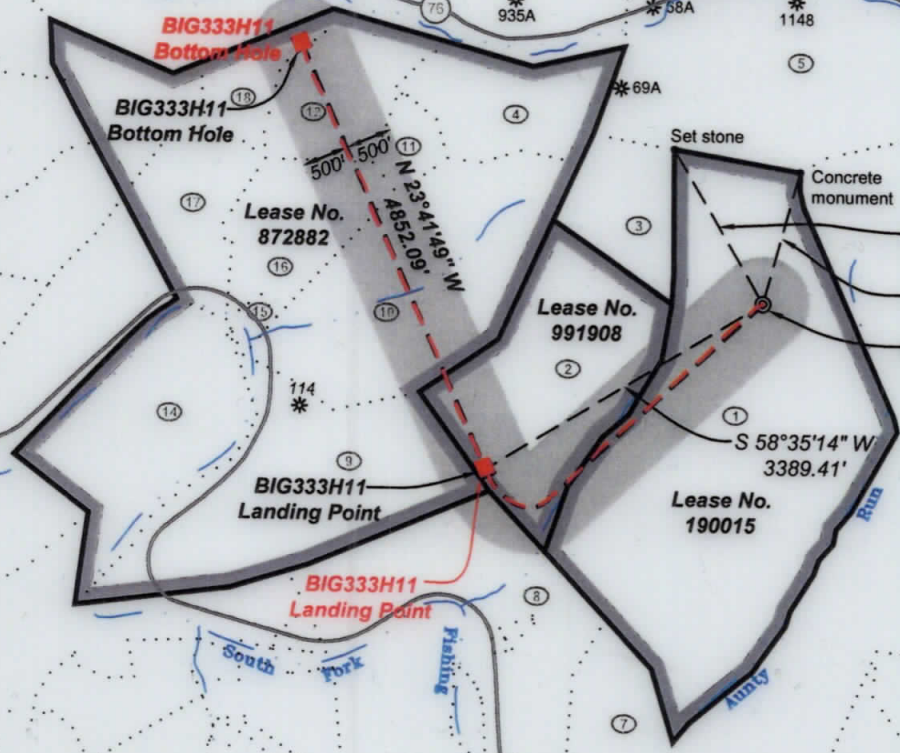
BH: 3511' LONG: 80-35-00
TH: 6128' LONG: 80-35-00

BIG333H11
BIG333
EQT Production Company

GRID NORTH

- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⊙ WV County Route
- ⊙ WV State Route

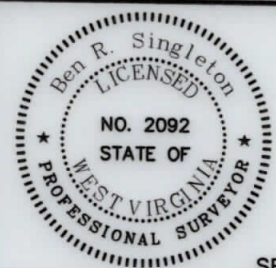
(⊙) Denotes Location of Well on United States Topographic Maps



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Ben R. Singleton

P.S. 2092



SEAL

FILE NO: 33-15
 DRAWING NO: 33-15 BIG333H11
 SCALE: 1" = 2000'
 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: July 17 20 19
 OPERATOR'S WELL NO.: BIG333H11
 API WELL NO
 47 - 103 - 03293
 STATE COUNTY PERMIT

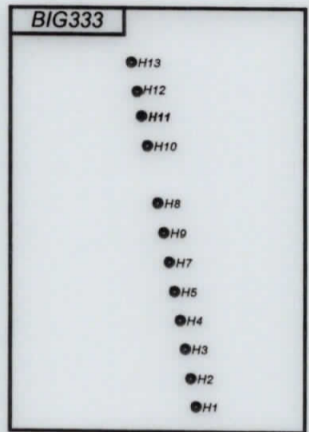
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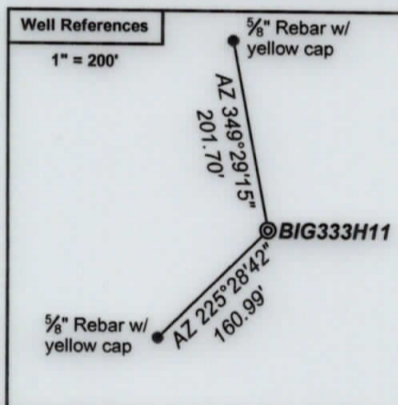
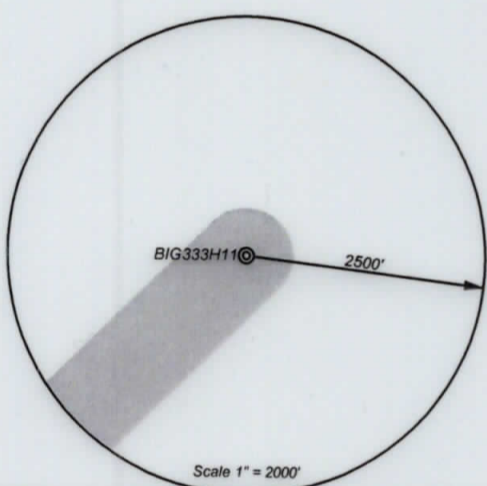
BIG333H11
BIG333
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| 4 | 23 | 4 | Wetzel | Grant | Dallison Lumber, Inc. | 36.10 |
| 5 | 23 | 5 | Wetzel | Grant | Al Wyatt Heirs | 174.68 |
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| 8 | 28 | 6 | Wetzel | Grant | Joseph W. Carlin | 190.74 |
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| 10 | 23 | 8 | Wetzel | Grant | Richard & Roxanne Funk, et al. | 113.81 |
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| 12 | 23 | 2 | Wetzel | Grant | Billy Dewayne Arnolds, Jr. | 38.80 |
| 13 | 17 | 14 | Wetzel | Grant | Coastal Forest Resources Co. | 1627.60 |
| 14 | 22 | 44 | Wetzel | Grant | Lydle Martyn & Sharon Irvin | 68.15 |
| 15 | 23 | 7 | Wetzel | Grant | Marcus E. & Linda S. Derby | 3.19 |
| 16 | 23 | 7.1 | Wetzel | Grant | Dallison Lumber, Inc. | 49.65 |
| 17 | 23 | 6 | Wetzel | Grant | Dallison Lumber, Inc. | 46.62 |
| 18 | 23 | 1 | Wetzel | Grant | Billy Dewayne Arnolds, Jr. | 16.50 |

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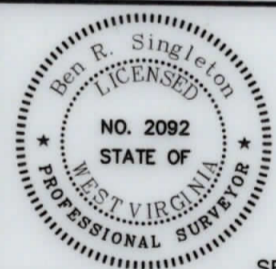


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