

WV 513933
EQT Production Company
659 Acre Lease

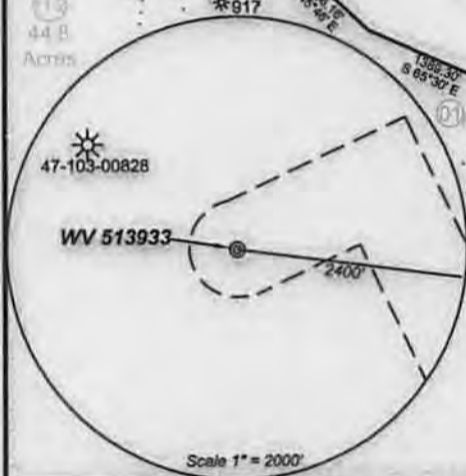
LATITUDE 39 - 35 - 00

LONGITUDE 80 - 35 - 00

Notes:
 WV 513933 coordinates are:
 N: 385,186 Lat: 39.552375
 E: 1,688,238 Long: 80.605483
 UTM N: 4,378,151 E: 533,894
 WV 513933 Landing Point coordinates are:
 N: 385,894 Lat: 39.554370
 E: 1,689,754 Long: 80.600137
 UTM N: 4,378,375 E: 534,353
 WV 513933 Bottom Hole coordinates are:
 N: 380,116 Lat: 39.538603
 E: 1,692,560 Long: 80.589935
 UTM N: 4,376,629 E: 535,237
 West Virginia Coordinate System of 1927 (North Zone) based upon Differential GPS Measurements. Geographic coordinates are WGS 84. UTM Coordinates are NAD 83, Zone 17, Meters. Plat orientation, corner and well ties are based upon the grid north meridian. Well location references are based upon the grid north meridian.

- Well Detail**
- ⊙ 513504 ⊙ 513829
 - ⊙ 513505 ⊙ 513931
 - ⊙ 513506 ⊙ 513932
 - ⊙ 513507 ⊙ 513933
 - ⊙ 513508 ⊙ 513934
 - ⊙ 513523
 - ⊙ 513924
 - ⊙ 513925
 - ⊙ 513927
 - ⊙ 513928

GRID NORTH



Lease No.	Royalty Owner	Acres
988624	Ralph Delaney, et al	87.5
300752	Mills-Wetzel Land, Inc.	1000

Notes:
 A. No water wells were found within 250' of this proposed well.
 B. No occupied dwellings or agricultural buildings 2,500 square feet or larger exist within 625' of the center of the well pad.

- Proposed Gas Well**
 Located Corner, as noted
 Plugged Well
 Gas Well Location
 Surface Tract Lines
 Lease Boundary



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. Singleton
 P.S. 2092



FILE NO: 196-34-G-10
 DRAWING NO: 196-10 Big 190 H17.dwg
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

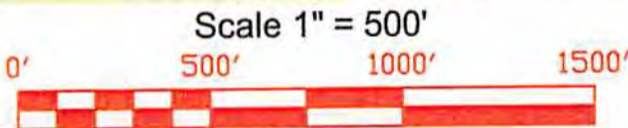
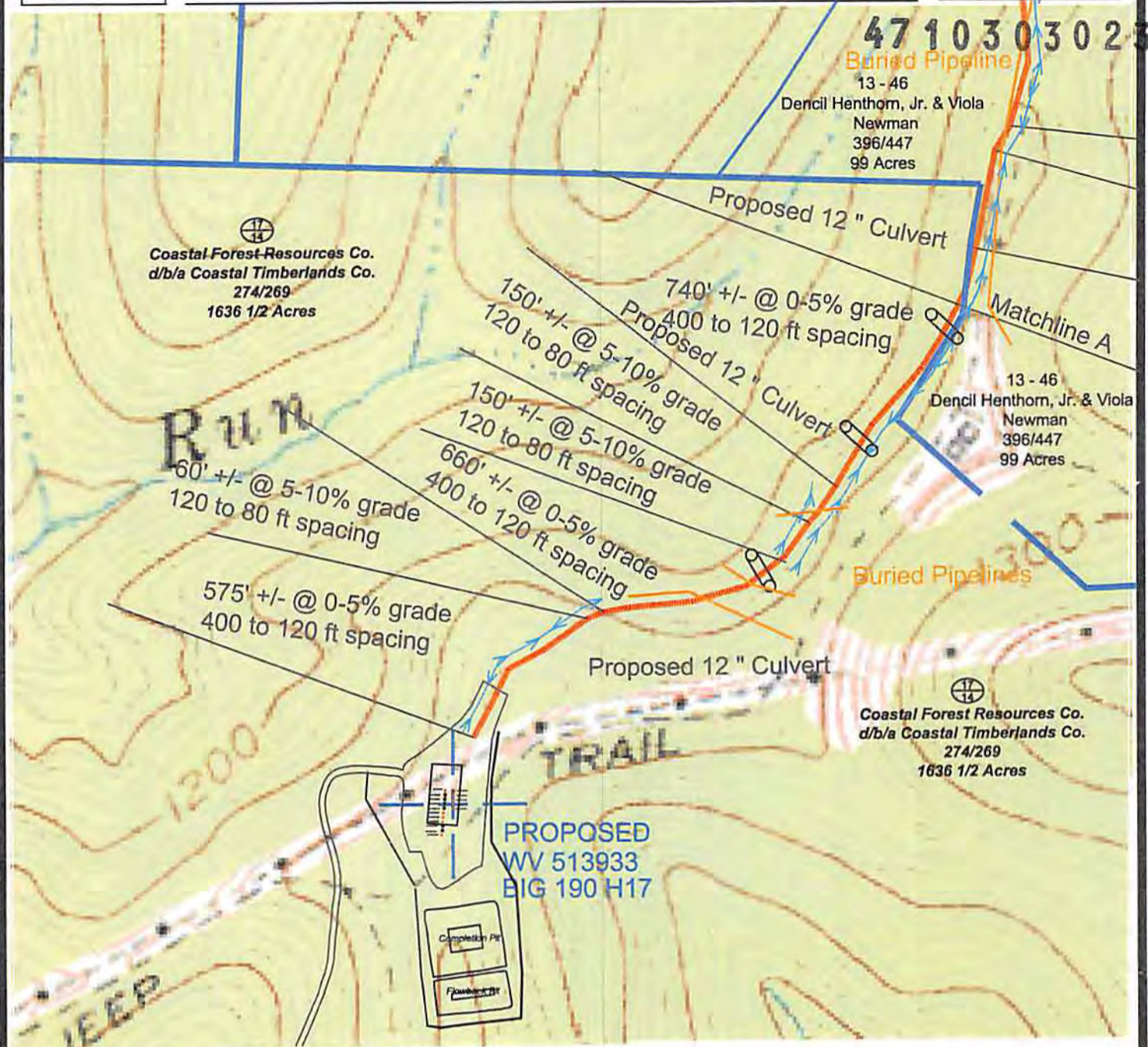
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: June 30 20 14
 OPERATOR'S WELL NO. WV 513933
 API WELL NO. H40
 47 - 103 - 03023
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1473.5' (As-built) WATERSHED Upper Run and North Fork QUADRANGLE: Big Run
 DISTRICT: Grant COUNTY: Wetzel
 SURFACE OWNER: Coastal Forest Resources Company d/b/a Coastal Timberlands Company ACREAGE: 1,636.5
 ROYALTY OWNER: Mills-Wetzel Land, Inc., Ralph Delaney, et al, LEASE NO: 988530 ACREAGE: 659
 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: Genesee ESTIMATED DEPTH: TVD=7,700 MD=18,900

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

09/26/2014



- Ⓢ Denotes to install 12" minimum culvert
- ⓧ Denotes a proposed stream crossing (if applies) *see table for culvert detail*

Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/98

Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.

Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.

Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

Temporary seed and mulch all slopes after construction of location.

Cut and stack all marketable timber.

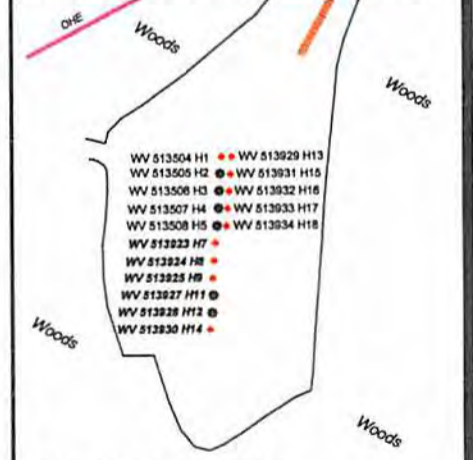
Stacked brush may be used for sediment control.

Applications for separate Public Land Corporation Permits on the access roads stream crossings have been prepared (if applies).

Additional culverts and/or other drainage structures and sediment control devices may be required by the WV D.E.P. Oil & Gas Inspector.

Operator is responsible for the coordination with contractor and Allegheny Surveys regarding any changes or additions the state may require

**Proposed Well # WV 513933
Location Detail BIG 190 H17**



DRAWING IS NOT TO SCALE

SECTION OF THE Big Run 7.5' USGS QUADRANGLE		Proposed Disturbance Area	
Projected culvert inventory. (for bid purposes only)		Well Site Location	Construction Complete
12" minimum diameter culverts	0 Culverts	Proposed Access Road	Construction Complete
15" minimum diameter culverts	0 Culverts	Approximate Total Disturbance	Construction Complete

DRAWN BY: Ben Singleton DATE: Nov. 1, 2013 FILE NO. 196-34-G-10 DRAWING FILE NO. 19610 BIG 190 H17 Rec pg 2



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
1-800-482-8606
Birch River Office 237 Birch River Road
Phone: (304) 649-8606 P.O. Box 438
Fax: (304) 649-8608 Birch River, WV 26610

PROPERTY BOUNDARY

ROAD

DITCH

SILT FENCE

PROPOSED WELL LOCATION

BROAD BASED DIP

EXISTING GATE

EXISTING CULVERT

PROPOSED CULVERT

CROSS DRAIN

PIT-CUT WALLS

PIT-COMPACTED WALLS

AREA OF LAND APPLICATION OF PIT WASTE

RECEIVED
Office of Oil and Gas
JUL 18 2014
WV Department of Environmental Protection
09/26/2014