

WV 513923
EQT Production Company
Mills-Wetzel Land, Inc.
659 Acres

- Big 190**
- H1, 513504
 - H2, 513505
 - H3, 513506
 - H4, 513507
 - H5, 513508
 - H7, 513923
 - H8, 513924
 - H9, 513925
 - H11, 513927
 - H12, 513928
 - H13, 513930

6330'
 LATITUDE 39 - 35 - 00

Notes:
 WV 513923 coordinates are
 NAD 27 N: 385,158.34 E: 1,688,205.06
 NAD 27 Lat: 39.552216 Long: -80.605781
 NAD 83 UTM N: 4,378,142.97 E: 533,885.06
 WV 513923 Landing Point coordinates are
 NAD 27 N: 385,144.24 E: 1,687,880.40
 NAD 27 Lat: 39.552242 Long: -80.607527
 NAD 83 UTM N: 4,378,135.90 E: 533,719.19
 WV 513923 Bottom Hole coordinates are
 NAD 27 N: 391,163.82 E: 1,685,934.50
 NAD 27 Lat: 39.568626 Long: -80.614097
 NAD 83 UTM N: 4,379,961.04 E: 533,162.83
 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, Meters.

LONGITUDE 80 - 35 - 00

GRID NORTH

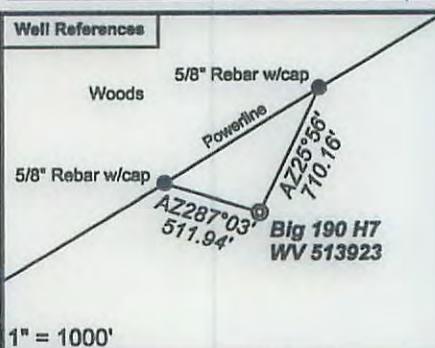


Scale 1" = 2000'

- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⑤ WV County Route
- ⑤ WV State Route

(*) Denotes Location of Well on United States Topographic Maps 1" = 1000'

Lease No.	Acres	Owner
708354	62.25	Francis Long, et al.
300710	103.3	James Douglas White, et al.



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



SEAL

FILE NO: 196-34-G-10
 DRAWING NO: 196-10 Big 190 H7
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

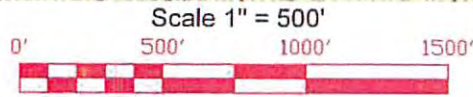
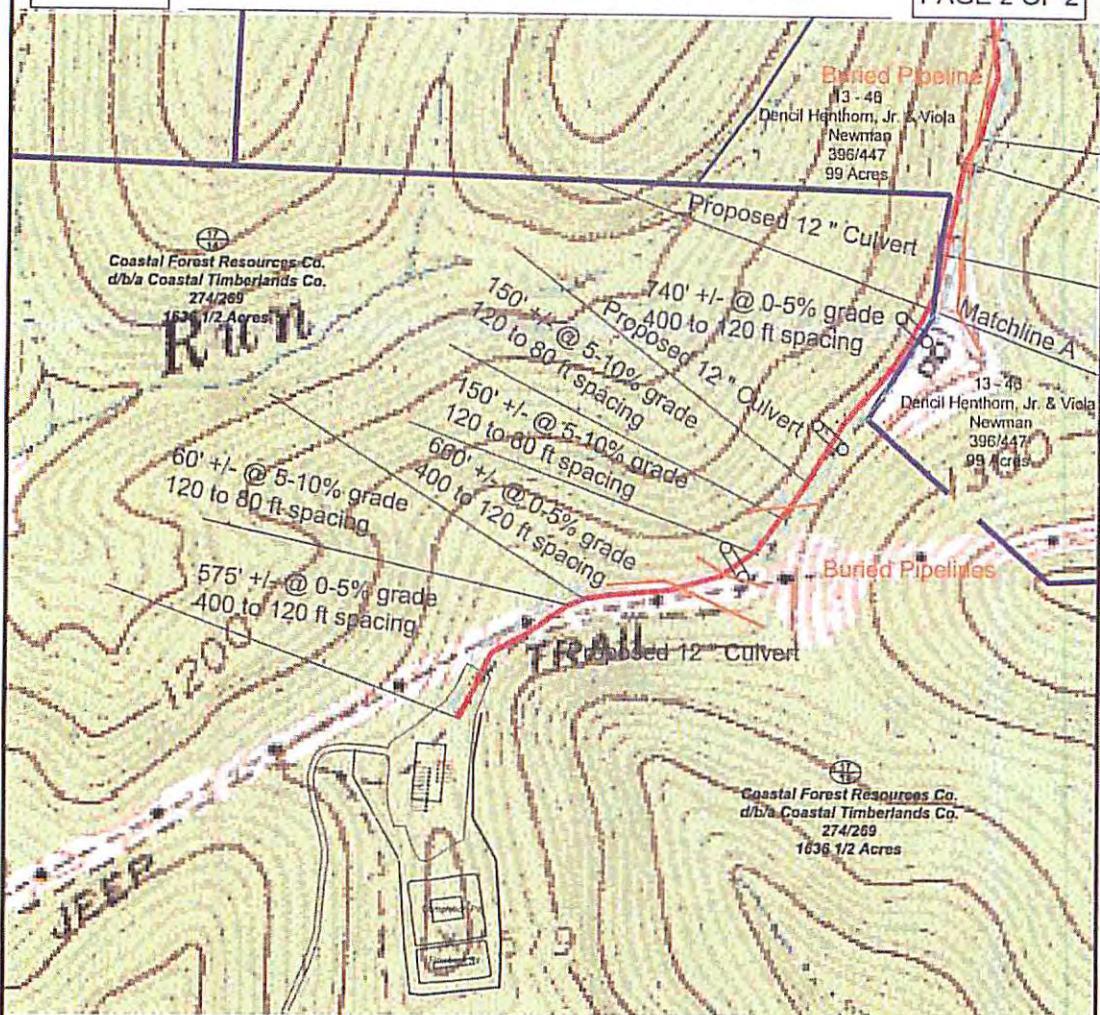
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 3 20 15
 OPERATOR'S WELL NO.: 513923
 API WELL NO
 47 - 103 - 02732
 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 Co. f/k/a Coastal Lumber Company ACREAGE: 1669.5
 ROYALTY OWNER: Mills-Wetzel Land, Inc. 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: Marcellus ESTIMATED DEPTH: TVD = 7,538'

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

1/13/2015



DMH 8/20/15

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

Unless otherwise noted, all roads shown herein are existing and shall be maintained in accordance with WV DEP., 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 DEP. Oil & Gas Inspector.

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



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 February 24, 2015	FILE NO 196-34-G-10	DRAWING FILE NO BIG 190 Well Pad Rec pg 2

PROPERTY BOUNDARY

ROAD

DITCH

SILT FENCE

PROPOSED WELL LOCATION

BROAD BASED DIP

EXISTING GATE

EXISTING CULVERT

PROPOSED CULVERT

CROSS DRAIN

FIT-CUT WALLS

PIT-COMPACTED WALLS

AREA OF LAND APPLICATION OF PIT WASTE



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

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 Office of Oil and Gas
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 WV Department of Environmental Protection