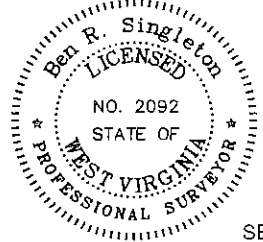


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

P.S. 2092



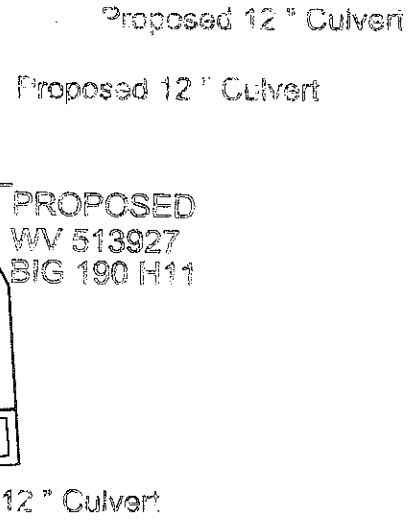
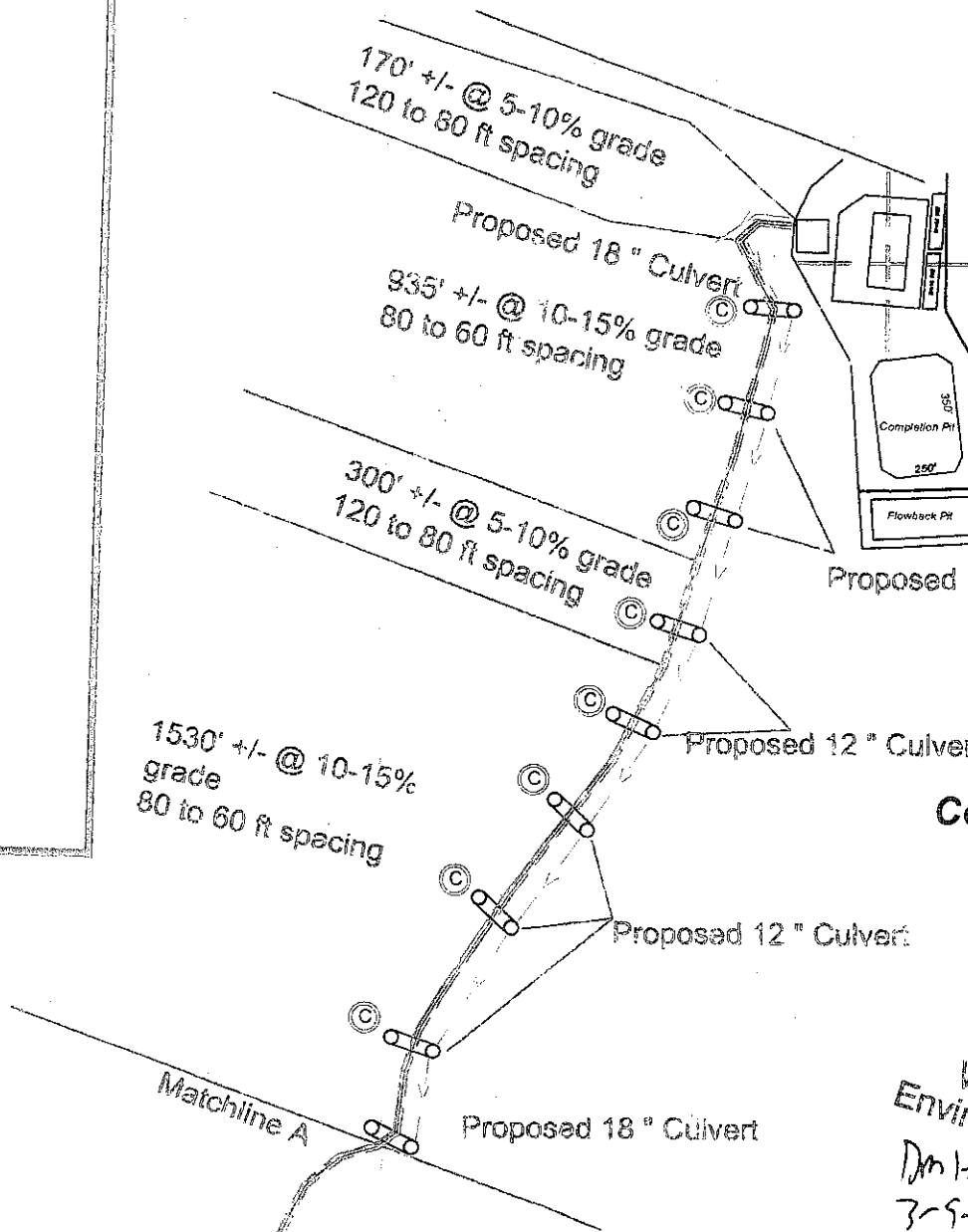
FILE NO: 196-34-G-10  
 DRAWING NO: 196-10 Big 190 H11.dwg  
 SCALE: 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: October 21 20 11  
 OPERATOR'S WELL NO. WV 513927  
 API WELL NO 47 - 103 - 02735H  
 STATE COUNTY PERMIT

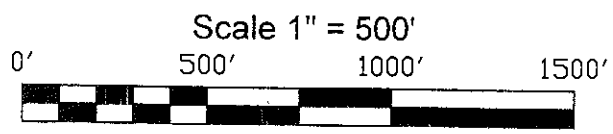
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1494' (Ground) 1472' (Proposed) WATERSHED Upper Run and North Fork QUADRANGLE: Big Run  
 DISTRICT: Grant COUNTY: Wetzel  
 SURFACE OWNER: Coastal Lumber Company ACREAGE: 1,636.5  
 ROYALTY OWNER: Mills-Wetzel Land, Inc. LEASE NO: 988530/300752 ACREAGE: 659/1000  
 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=16,700

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray  
 ADDRESS: 1710 Pennsylvania Avenue ADDRESS: 1710 Pennsylvania Avenue  
 Charleston, WV 25302 Charleston, WV 25302



(17)  
(14)

**Coastal Lumber Co.**  
274/269  
1636 1/2 Acres  
**RECEIVED**  
Office of Oil & Gas  
MAR 13 2012  
WV Department of  
Environmental Protection  
DMH  
3-9-12



Ⓢ Denotes to install 15" 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.

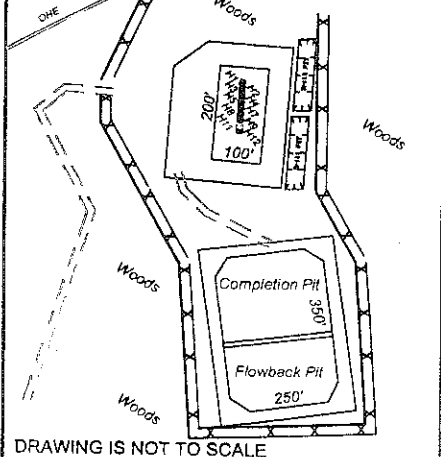
Stacked brush may be used for sediment control.

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.

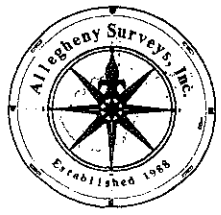
Operator is responsible for the coordination with contractor and Allegheny Surveys regarding any changes or additions the state may require

Proposed Well # WV 513927  
Location Detail BIG 190 H11



SECTION OF THE Big Run 7.5' USGS QUADRANGLE		
Projected culvert inventory. (for bid purposes only)		
15" minimum diameter culverts	19 Culverts	
18" minimum diameter culverts	1 Culverts	
DRAWN BY: Scott Brown	DATE: October 13, 2011	FILE NO. 196-34-G-10
		DRAWING FILE NO. 196-10 BIG 190 Rec rd 2 pg 2

PROPERTY BOUNDARY	
ROAD	
DITCH	
SILT FENCE	
PROPOSED WELL LOCATION	
ROAD BASED DIP	
EXISTING GATE	
EXISTING CULVERT	
PROPOSED CULVERT	
CROSS DRAIN	
PIT-CUT WALLS	
PIT-COMPACTED WALLS	
AREA OF LAND APPLICATION OF PIT WASTE	



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**

Birch River Office      1-800-482-8606      237 Birch River Road  
Phone: (304) 649-8606      P.O. Box 438  
Fax: (304) 649-8608      Birch River, WV 26610