

5180'

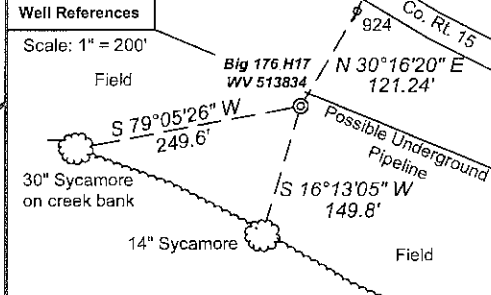
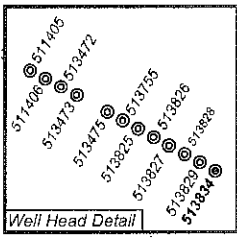
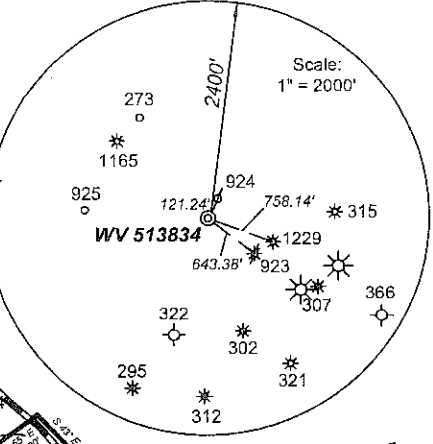
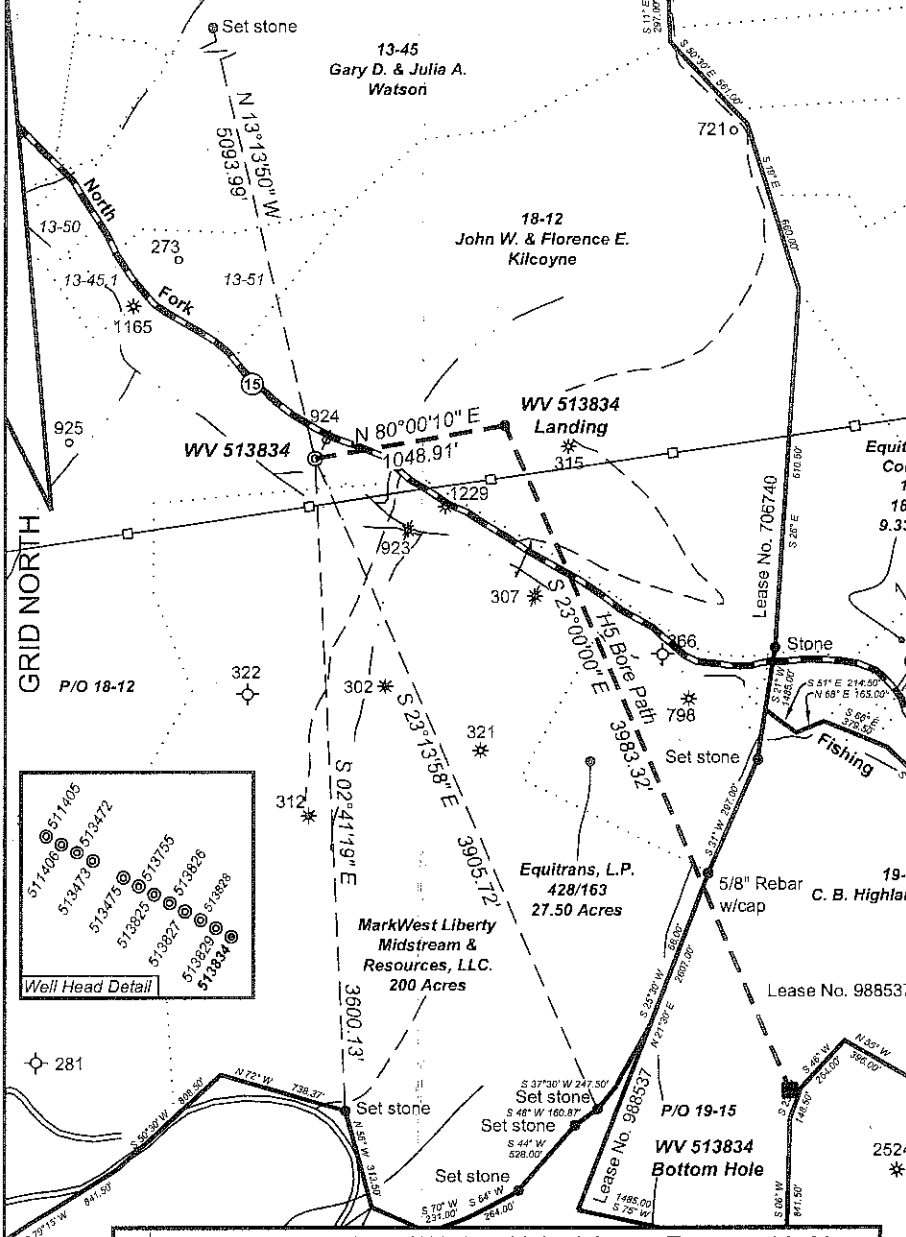
LATITUDE 39 - 35 - 00

LONGITUDE 80 - 32 - 30
8365'

WV 513834
EQT Production Company
1003.75 Acre Lease

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

Notes:
 WV 513834 Coordinates are:
 N: 387,958 Lat: 39.56041
 E: 1,701,141 Long: 80.55984
 UTM: N: 4,379,062 E: 537,812
 WV 513834 Landing Point Coordinates are:
 N: 388,139 Lat: 39.560946
 E: 1,702,174 Long: 80.556182
 UTM: N: 4,379,271 E: 547,704
 WV 513834 Bottom Hole Coordinates are:
 N: 384,473 Lat: 39.550930
 E: 1,703,730 Long: 80.550510
 UTM: N: 4,378,162 E: 548,197
 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 NAD 83, Zone 17, Meters.

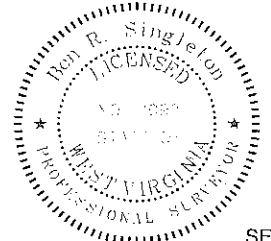


(⊙) Denotes Location of Well on United States Topographic Maps



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 R. Singleton
P.S. 2092



FILE NO: 145-34-G-10 EQT - 4
 DRAWING NO: 145-10 H17 plat.dwg
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

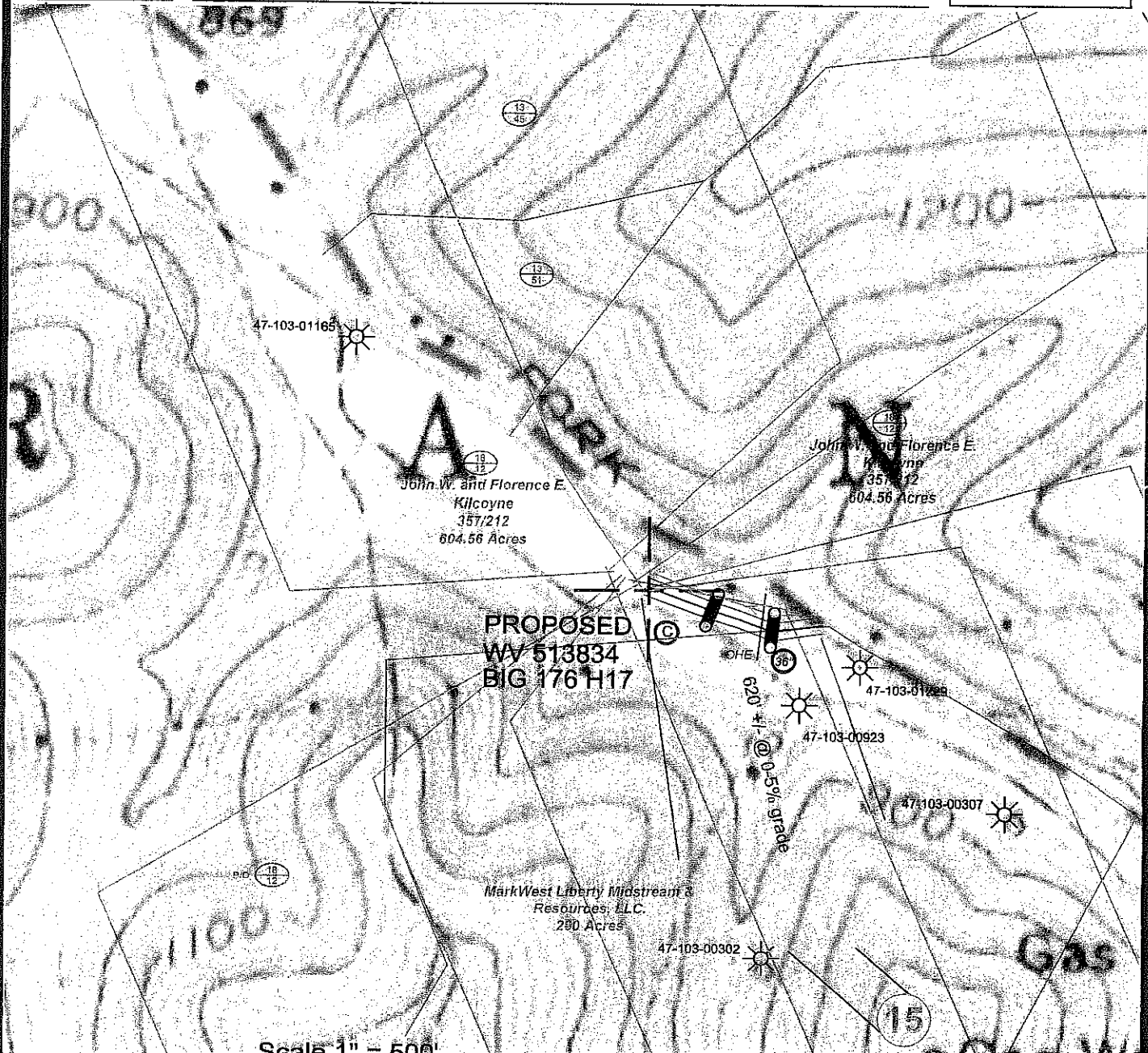
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: June 7 2012
 OPERATOR'S WELL NO. WV 513834
 API WELL NO. 47 - 103
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 861' WATERSHED North Fork of Fishing Creek QUADRANGLE: Big Run
 DISTRICT: Grant COUNTY: Wetzel
 SURFACE OWNER: John W. and Florence E. Kilcoyne ACREAGE: 604.56
 ROYALTY OWNER: John and Florence Kilcoyne, EQT Production Company, Inc. LEASE NO: 706740/988537 ACREAGE: 1003.75/102.5
 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=7,100' MD=13,300'

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

08/31/2012



Scale 1" = 500'



- ⊙ 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.

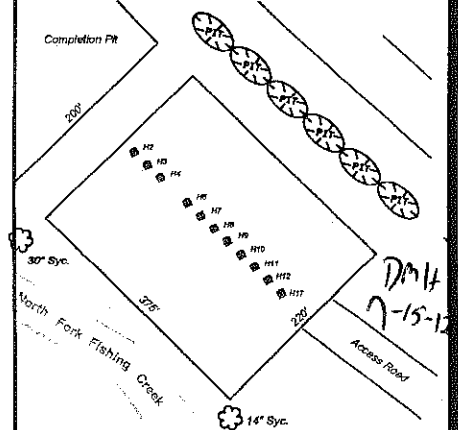
Stacked brush may be used for sediment control.

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 513834
Location Detail BIG 176 H17



DRAWING IS NOT TO SCALE

SECTION OF THE Big 7.5' USGS QUADRANGLE		Proposed Disturbance Area	
Projected culvert inventory. (for bid purposes only)		Well Site Location	6.00 Ac. +/-
12" minimum diameter culverts	1 Culverts	Proposed Access Road	0.80 Ac. +/-
36" minimum diameter culverts	1 Culverts	Approximate Total Disturbance	6.8 Ac. +/-
DRAWN BY: Ben Singleton	DATE: June 7, 2012	FILE NO. 145-34-G-10	DRAWING FILE NO. Big 176 H17 rec

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	



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