

WV 513827
EQT Production Company

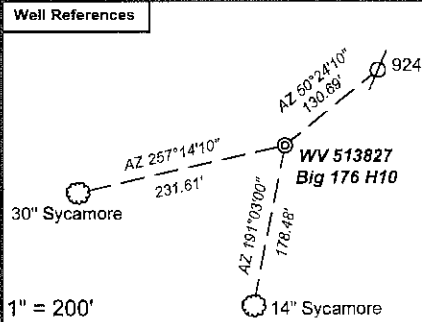
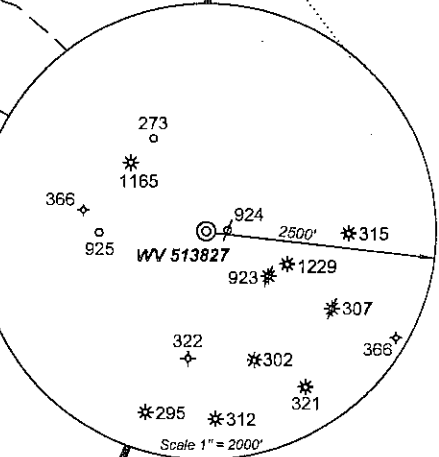
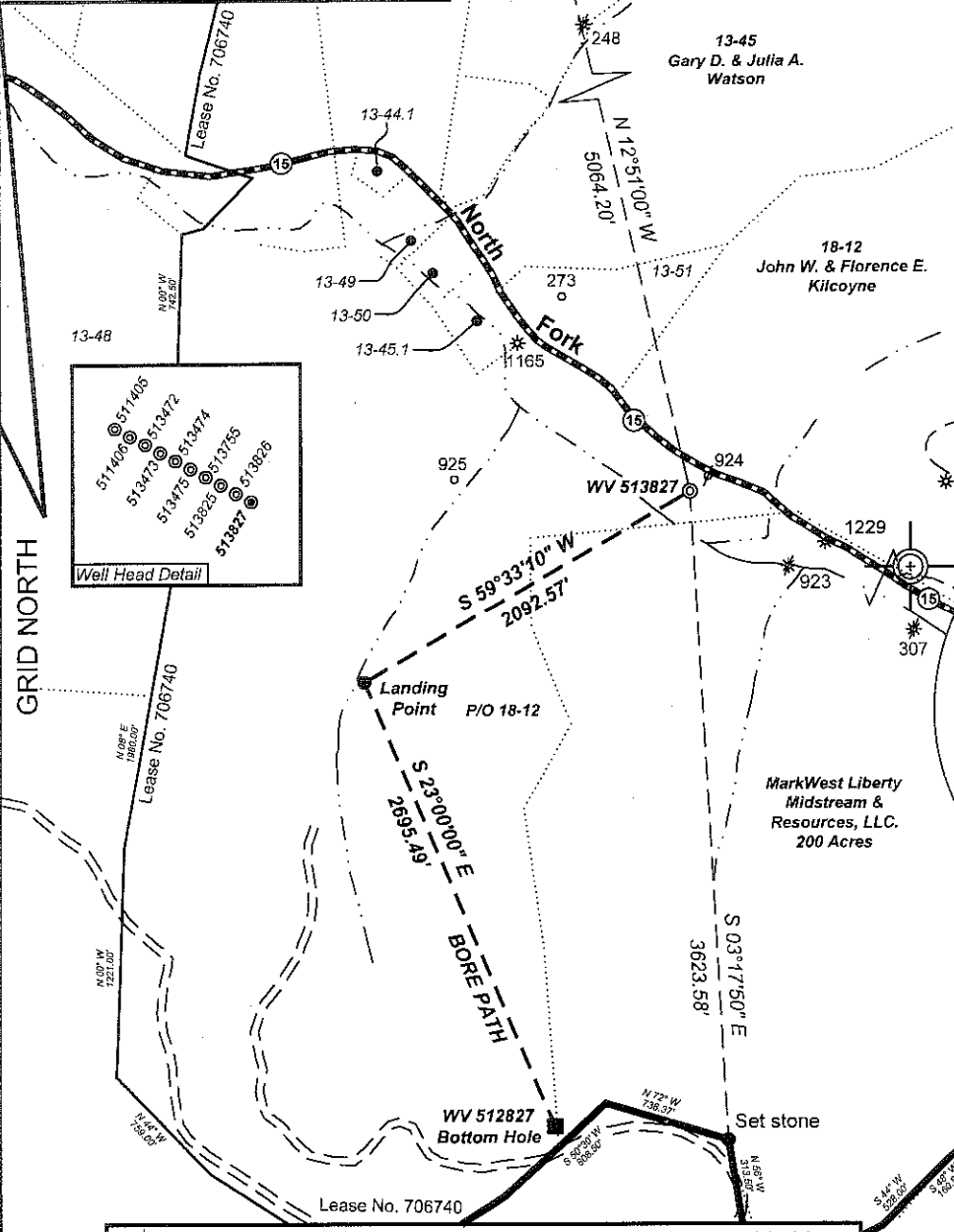
- ⊙ Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Lease Boundary

LATITUDE 39 - 35 - 00

Notes:
 WV 513827 coordinates are:
 N: 387,979 Lat: 39.560470
 E: 1,701,101 Long: 80.559980
 UTM N: 4,379,068 E: 537,800 ✓
 WV 513827 Landing Point coordinates are:
 N: 386,919 Lat: 39.557500
 E: 1,699,297 Long: 80.566333
 UTM N: 4,379,650 E: 537,241
 WV 513827 Bottom Hole coordinates are:
 N: 384,437 Lat: 39.550723
 E: 1,700,351 Long: 80.562494
 UTM N: 4,377,985 E: 537,589

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 - 32 - 30

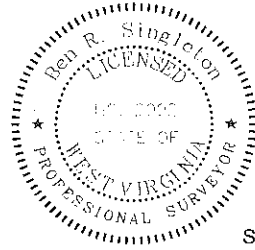


(⊙) Denotes Location of Well on United States Topographic Maps



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
 DRAWING NO: Big 176 H9
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

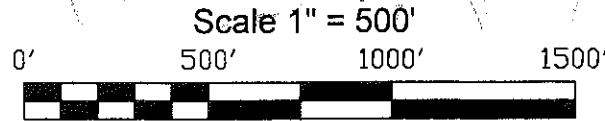
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 5 20 11
 OPERATOR'S WELL NO. 513827
 API WELL NO
 47 - 103 - 02719H
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 859' 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: EQT Production Company, Inc. LEASE NO: 706740 ACREAGE: 1003.75
 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=7100, MD=12,000

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

Proposed BIG 176 H10 WV 513827



DMH
12-22-11

- ⊙ 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.

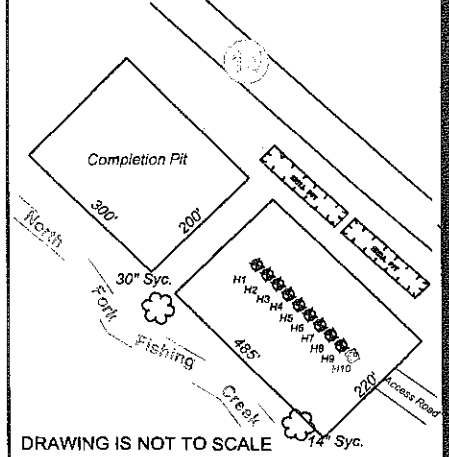
Stacked brush may be used for sediment control.

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 513827 Location Detail BIG 176 H10



DRAWING IS NOT TO SCALE

SECTION 5 OF THE BIG RUN 7.5' USGS QUADRANGLE	
Projected culvert inventory. (for bid purposes only)	
12" minimum diameter culverts	1 Culverts
36" minimum diameter culverts	1 Culverts

Office of Oil & Gas
DEC 30 2011
WV Department of
Environmental Protection

DRAWN BY: Jason Gravley	DATE: October 7, 2011	FILE NO: 145-34-G-10	DRAWING FILE NO: Big 176 H10 Rec
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PROPERTY BOUNDARY	▲▲▲▲▲
ROAD	====
DITCH	- - - - -
SILT FENCE	X X X X X
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 Phone: (304) 649-8606 Fax: (304) 649-8608	237 Birch River Road P.O. Box 438 Birch River, WV 26610	
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