

460'

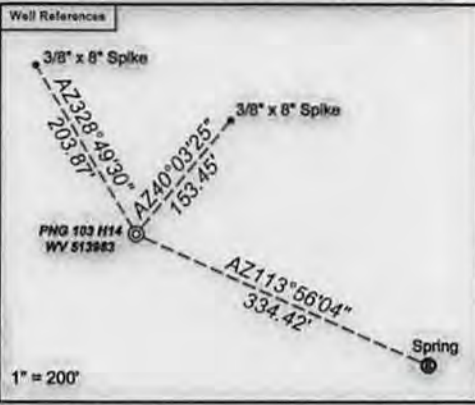
WV 513983

EQT Production Company
Shiben Estates, Inc.
1104 acres

LATITUDE 39 - 35 - 00

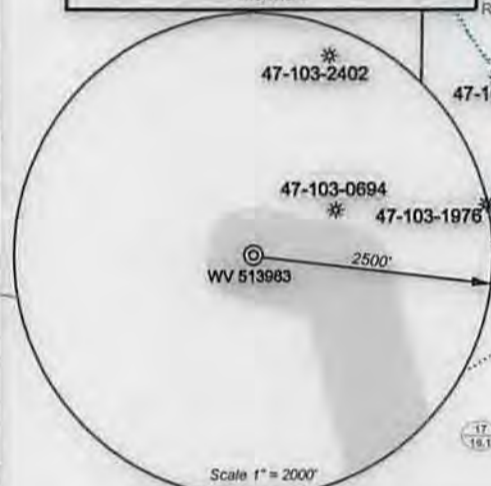
ADJOINER TABLE	
TAX MAP PARCEL NO.	ADJOINER
17 2.1	Goldie Leak
17 2.2	Homer J. and Karen E. LeMasters
17 9	John A. Spencer
17 40.1	Homer J. and Karen E. LeMasters

LONGITUDE 80 - 37 - 30
6,545'



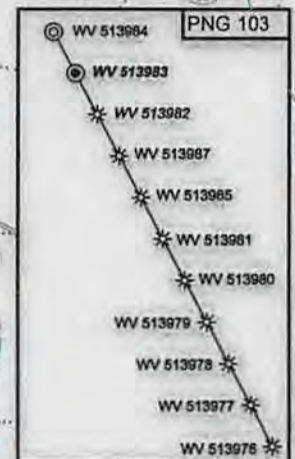
Notes:
 WV 513983 coordinates are
 NAD 27 N: 390,042 E: 1,682,376
 NAD 27 Lat: 39.565508 Long: 80.626483
 NAD 83 UTM N: 4,379,601 E: 532,084
 WV 513983 Landing Point coordinates are
 NAD 27 N: 390,080 E: 1,685,220
 NAD 27 Lat: 39.565708 Long: 80.616400
 NAD 83 UTM N: 4,379,627 E: 532,951
 WV 513983 Bottom Hole coordinates are
 NAD 27 N: 386,474 E: 1,686,085
 NAD 27 Lat: 39.555839 Long: 80.613172
 NAD 83 UTM N: 4,378,533 E: 533,233
 West Virginia Coordinate system of 1927 (North Zone).
 Geographic coordinates are NAD27.
 UTM coordinates are NAD83, 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.

GRID NORTH



Scale 1" = 2000'

(-o-) Denotes Location of Well on United States Topographic Maps



- Proposed Gas Well
- Located Corner, as noted
- 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



SEAL

FILE NO: 212-34-G-10
 DRAWING NO: 212-10 PNG 103 H14.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

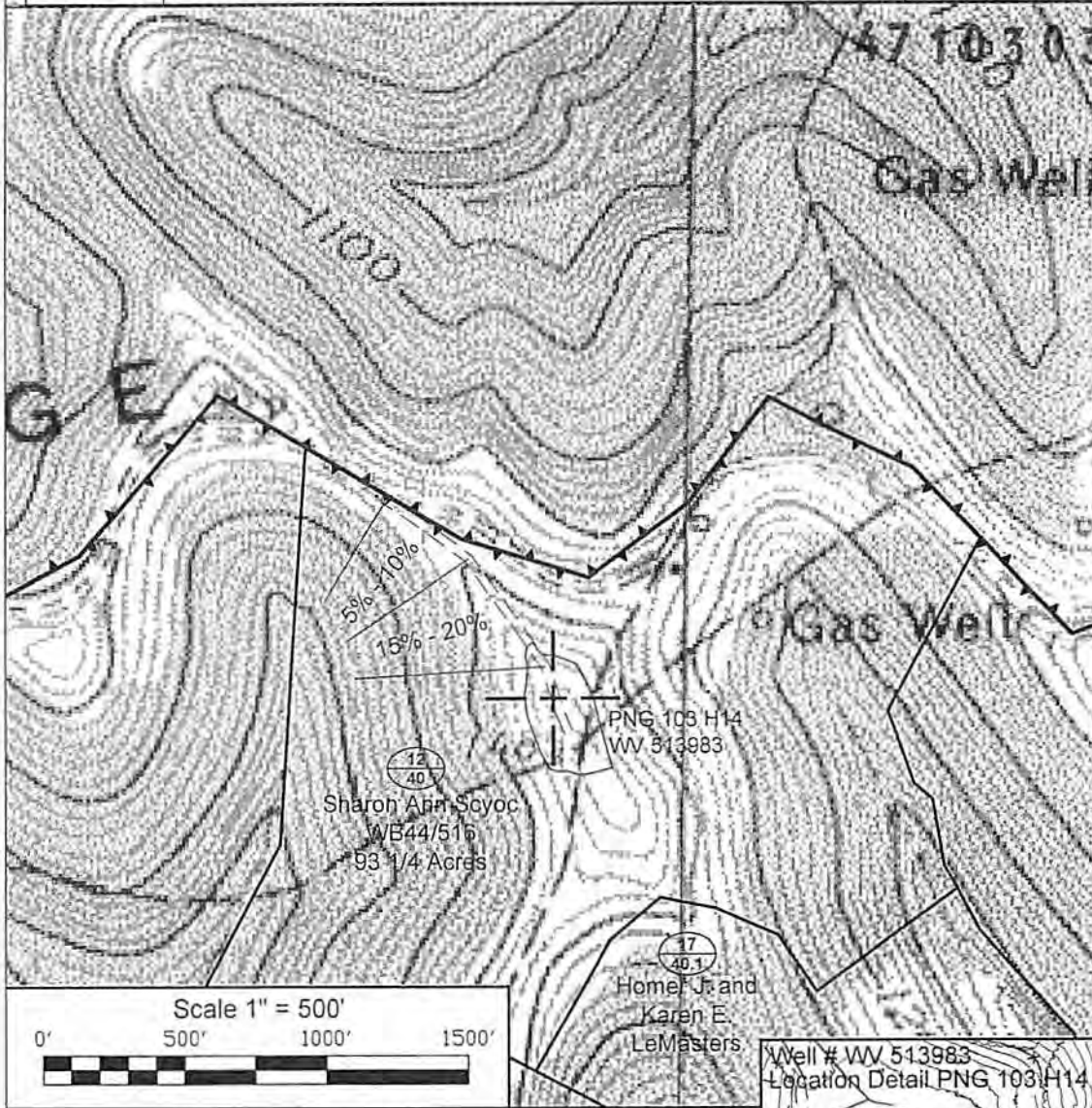
DATE: August 25 20 14
 OPERATOR'S WELL NO. WV 513983
 API WELL NO. 47 - 103 - 03038 H&A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1458' WATERSHED Upper Run QUADRANGLE: Pine Grove
 DISTRICT: Grant COUNTY: Wetzel
 SURFACE OWNER: Sharon Ann Scyoc ACREAGE: 93 1/4
 ROYALTY OWNER: Shiben Estates, Inc. LEASE NO: 300615 ACREAGE: 1,104
 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 7,450 MD 15,100

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

10/24/2014

47 10303038



⊙ 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.

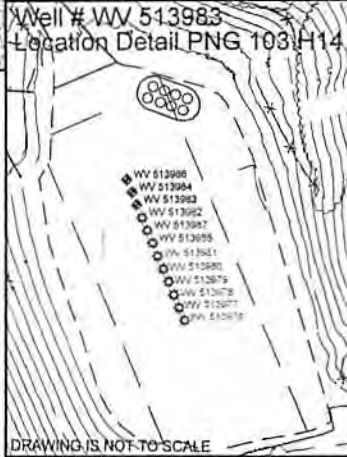
Cut and stack all marketable timber.

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.



SECTION OF THE Pine Grove 7.5' USGS QUADRANGLE

Projected culvert inventory (for bid purposes only)	
12" minimum diameter culverts	0 Culverts
15" minimum diameter culverts	0 Culverts

DRAWN BY: Dale Tomlin PS DATE: August 21, 2014 FILE NO: 212-34-G-10 DRAWING FILE NO: 212-10 PNG103 H14 Rec Plan



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

- LEASE BOUNDARY
- PROPERTY BOUNDARY
- BORE PATH
- ROAD
- DITCH
- SILT FENCE
- PROPOSED WELL
- LOCATED WELL
- BROAD BASED S/P
- EXISTING GATE
- EXISTING CULVERT
- PROPOSED CULVERT
- CROSS DRAIN
- PIT-CUT WALLS
- PIT-CONCRETE WALLS
- AREA OF LAND APPLICATION OF PIT WASTE

DNH
 8-3-14
 WV Department of Environmental Protection
 Office of Oil and Gas
 RECEIVED
 SEP 09 2014