

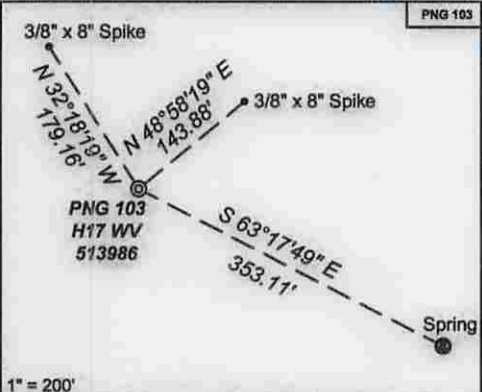
466'

WV 513986
EQT Production Company
Shiben Estates, Inc.
1,104 Acres

LATITUDE 39 - 35 - 00

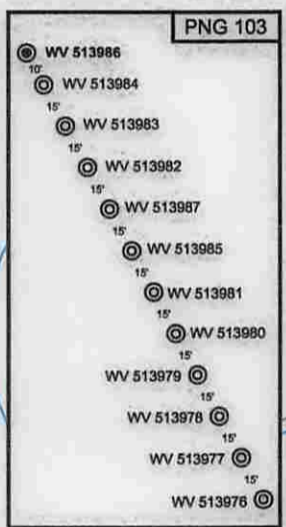
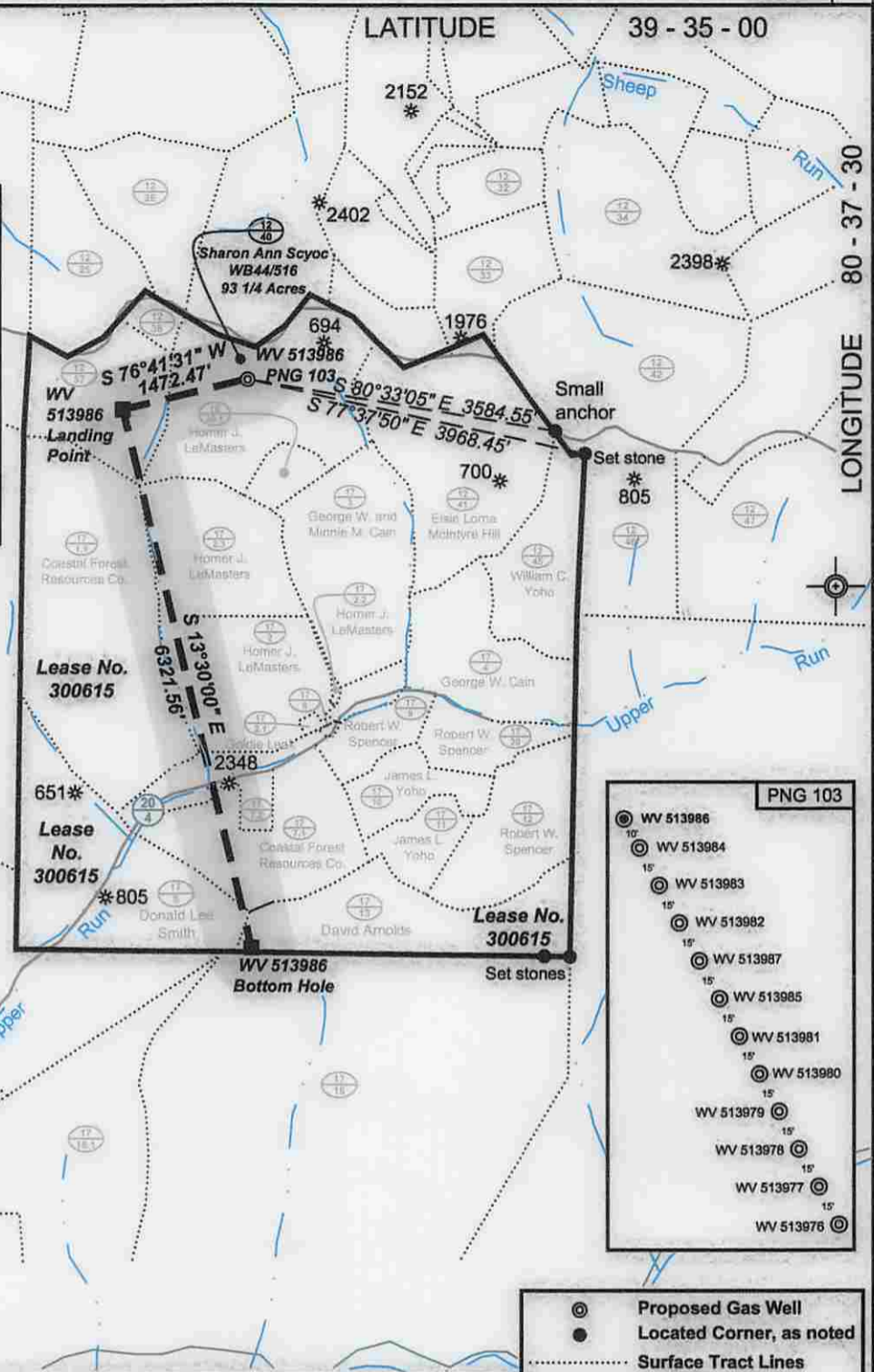
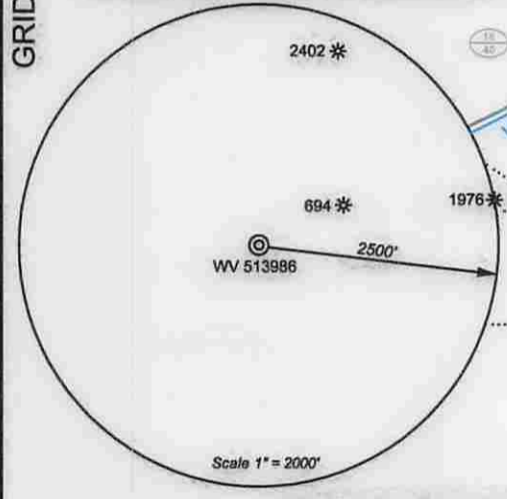
LONGITUDE 80 - 37 - 30

6,525'



WV 513986 coordinates are
 NAD 27 N: 390,065.50 E: 1,682,366.51
 NAD 27 Lat: 39.565489 Long: 80.626703
 NAD 83 UTM N: 4,379,608 E: 532,081
WV 513986 Landing Point coordinates are
 NAD 27 N: 389,726.55 E: 1,680,933.58
 NAD 27 Lat: 39.564509 Long: 80.631770
 NAD 83 UTM N: 4,379,498 E: 531,647
WV 513986 Bottom Hole coordinates are
 NAD 27 N: 383,579.66 E: 1,682,409.32
 NAD 27 Lat: 39.547685 Long: 80.626263
 NAD 83 UTM N: 4,377,632 E: 532,127
 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.

GRID NORTH



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

(⊙) 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



SEAL

FILE NO: 212-34-G-10
 DRAWING NO: 212-10 PNG 103 H17.dwg
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

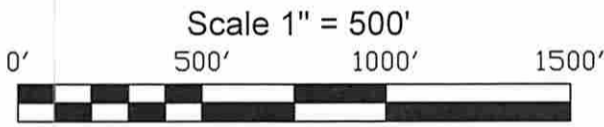
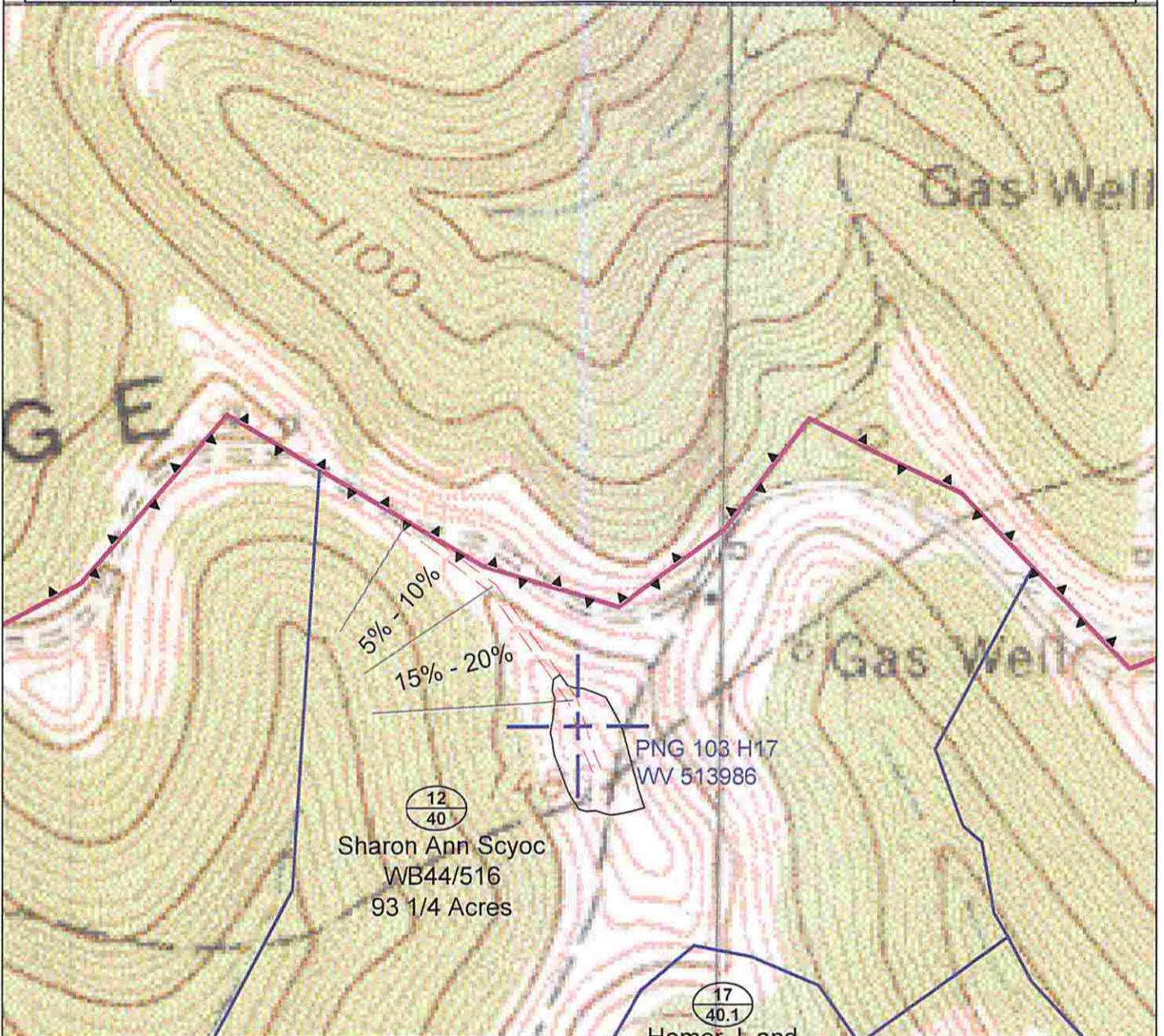
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 9 20 14
 OPERATOR'S WELL NO. WV 513986
 API WELL NO. **H/64**
 47 - 103 - **03054**
 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: Middlesex ESTIMATED DEPTH: TVD=7,195' MD=16,000'

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

01/30/2015



- C** Denotes to install 12" minimum culvert
- X** 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 H17 Rec Plan
-----------------------------	--------------------------	-------------------------	--



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

- LEASE BOUNDARY
- PROPERTY BOUNDARY
- BORE PATH
- 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