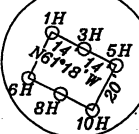
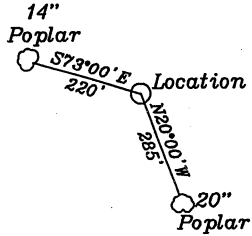


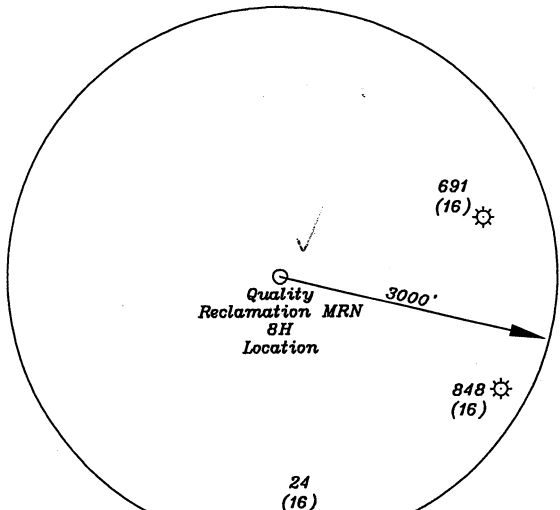
References

NUMBER	DIRECTION	DISTANCE
L1	N61°36'W	865.1'
L2	N26°45'W	1,803.6'

- A- Lily Parker 37.25 Ac. TM.27-20
- B- American Bituminous Power 35.0 Ac. TM.27-30
- C- American Bituminous Power 22.193 Ac. TM.27-31.1
- D- Town of Grant Town 16.59 Ac. TM.27-31
- E- Bragg 15.79 Ac. TM.27-29
- F- Bragg 20.0 Ac. TM.27-28
- G- Bragg 17.60 Ac. TM.27-27
- H- Quality Reclamation 0.89 ac. TM 23-3.1
- I- Bragg 24.83 Ac. TM.23-5
- J- Parker 49.65 Ac. TM.27-18
- K- Straight 154.535 Ac. TM.23-34
- L- Darrah 1.815 Ac. TM.23-34.1
- M- Cemetery
- N- Bragg 4.07 Ac. TM 27-22
- O- Noumenon Corp. 2.5 Ac. TM 27-21
- P- Moore TM.27-13.1 & 14
- Q- Robbins 0.9 Ac. TM. 27-15



- R- Consolidation Coal Co. 6 Ac. TM.26-8
- S- Bragg 21.954 Ac. TM.26-9 & 10
- T- M. Bragg 3.02 Ac. TM.26-9.1 & 9.2
- U- Moore 25 Ac. TM.27-13
- V- Robbins 9.47 Ac. TM.27-17
- W- Horizon Ventures WV Inc. 41.74 Ac. P/O TM. 27A-1
- X- Monongahela Power Co. 1.79 Ac. TM.27A-3
- Y- Horizon Ventures WV Inc. 39.39 Ac. P/O TM. 27A-1
- Z- American Bituminous Power 35 Ac. TM. 27-33



Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

Top Hole  
 NAD 27-39.573286 N, 80.161368 W  
 UTM NAD 83-14372487.7 N, 1876790.1 W  
 State Plane NAD 27-391599.8 N, 1813568.8 E

Bottom Hole  
 NAD 27-39.552885 N, 80.152387 W  
 UTM NAD 83-14365083.2 N, 1879390.7 W  
 State Plane NAD 27-384150.8 N, 1816046.3 E

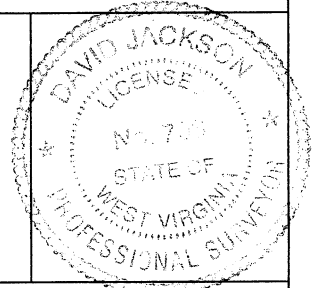
Note: This location is over 400' from all lease lines.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 2500  
 PROVEN SOURCE OF ELEVATION GPS  
submeter unit

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 ENERGY.

(SIGNED) David L Jackson  
 R.P.E. \_\_\_\_\_ L.L.S. 708



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE October 3 2011  
 OPERATOR'S WELL NO. Quality Reclamation MRN 8H  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL 47 - 049 - 02159 H  
 (IF "GAS") PRODUCTION X STORAGE DEEP X SHALLOW \_\_\_\_\_  
 STATE COUNTY PERMIT

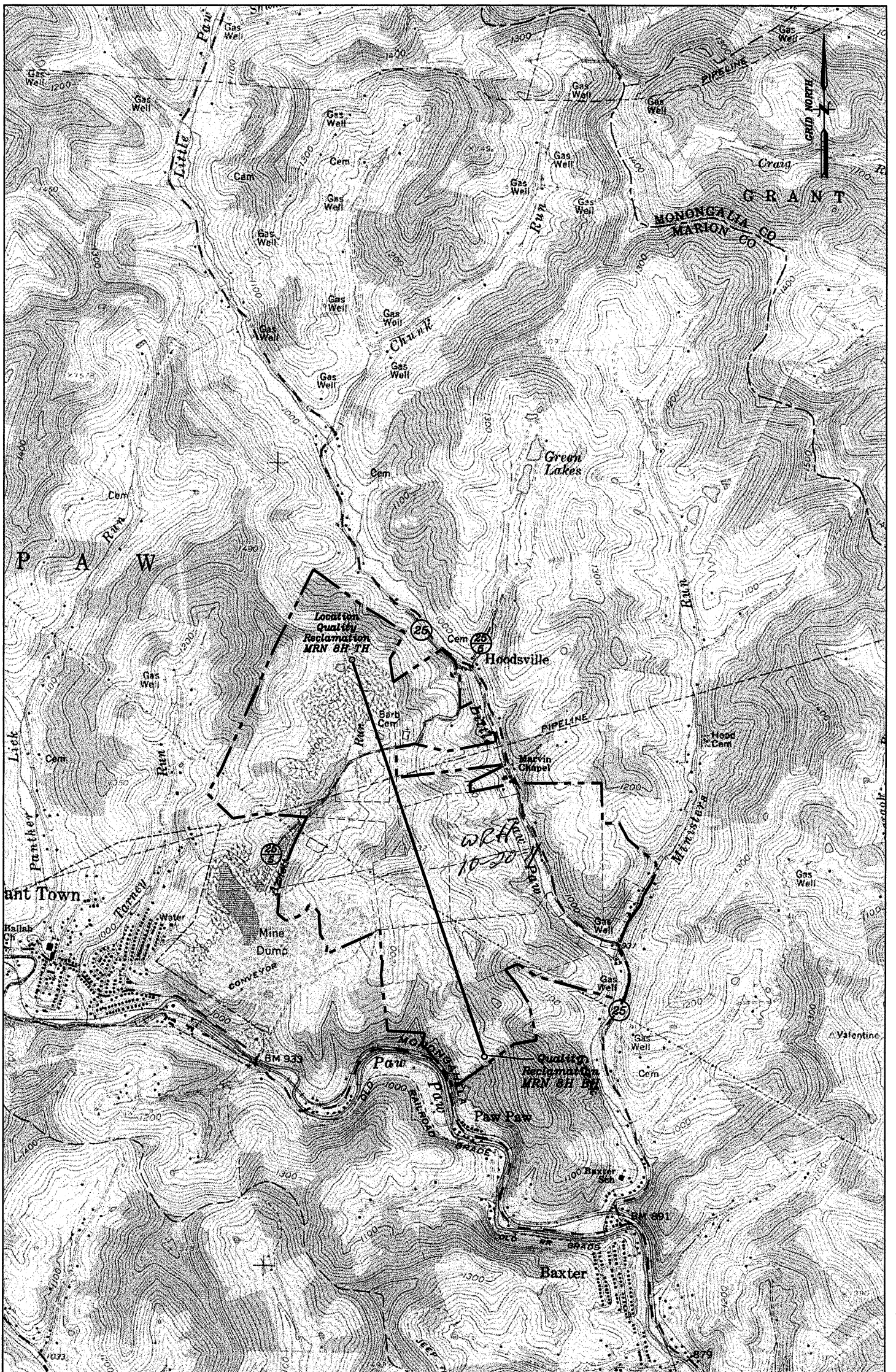
LOCATION: ELEVATION 1229.6' WATER SHED Arnett Run  
 DISTRICT Paw Paw COUNTY Marion  
 QUADRANGLE Grant Town 7 1/2'

SURFACE OWNER Quality Reclamation ACREAGE 226.071 ac.  
 OIL & GAS ROYALTY OWNER James W. Ice et al LEASE ACREAGE 466.494 ac  
 LEASE NO. 1-244449-001 & 002 (TM.23-3), 1-302879-001 & 002 (TM.27-30), FOA22997-0001 (TM.27-31, 31.1 & 33), 1-290215-001 thru 004 (TM.27-42), 1-302064-000 (TM.27-29)

PROPOSED WORK: DRILL X CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION & DEPTH Bore Lower Marcellus - 7925 produce Marcellus depth 7575' + horizontal leg  
 WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric B. Gillespie  
 ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362





Well: Quality Reclamation MRH 8H  
 Quad: Grant Town 7 1/2'  
 District: Paw Paw  
 County: Marion

