

Longitude - 80° 39' 49.9"

10,950'

LATITUDE 39° 35' 00"

LONGITUDE 80° 37' 30"

Latitude - 39° 34' 28.5"



UTM Coordinates

NAD 1983 (m.)
N - 4,380,604 m.
E - 528,885 m.

PLAT NOTES

- The drawing shown hereon is from the original drilling permit plat dated 4-15-2006.
- This plat has been updated to show current surface ownership and as-drilled Latitude & Longitude.
- Latitude & Longitude shown were measured by DGPS - Sub-Meter Mapping Grade (NAD 1927)

NOTES ON SURVEY

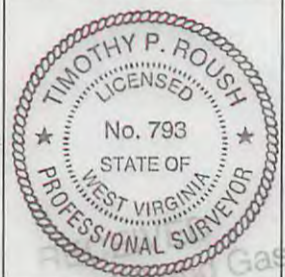
- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to UTM Zone 17 North (NAD 1927).
- 2 - Property line calls established by field surveys conducted in 1996 and are referenced to Astronomic North.
- 3 - Surface owners and adjoiners information obtained from the Wetzel County Assessor's tax records.

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

FILE NO. 1041-29
 MAP NO. N68 N 11 S E W 2
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY _____
 PROVEN SOURCE OF ELEVATION DGPS Survey

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 MINES.

(SIGNED) *Timothy P. Roush*
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25304



DATE September 4, 2013
 FARM Mary B. Long No.251
 API WELL NO. 47-103-02175 RS

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 733' WATERSHED North Fork of Fishing Creek
 DISTRICT Grant COUNTY Wetzel
 QUADRANGLE Pine Grove 7.5'

SURFACE OWNER Steven & Timothy Long ACREAGE 97.26 Ac.
 OIL & GAS ROYALTY OWNER Helen L. Long et al. LEASE ACREAGE 200 Ac.
 LEASE NO. 24891-50

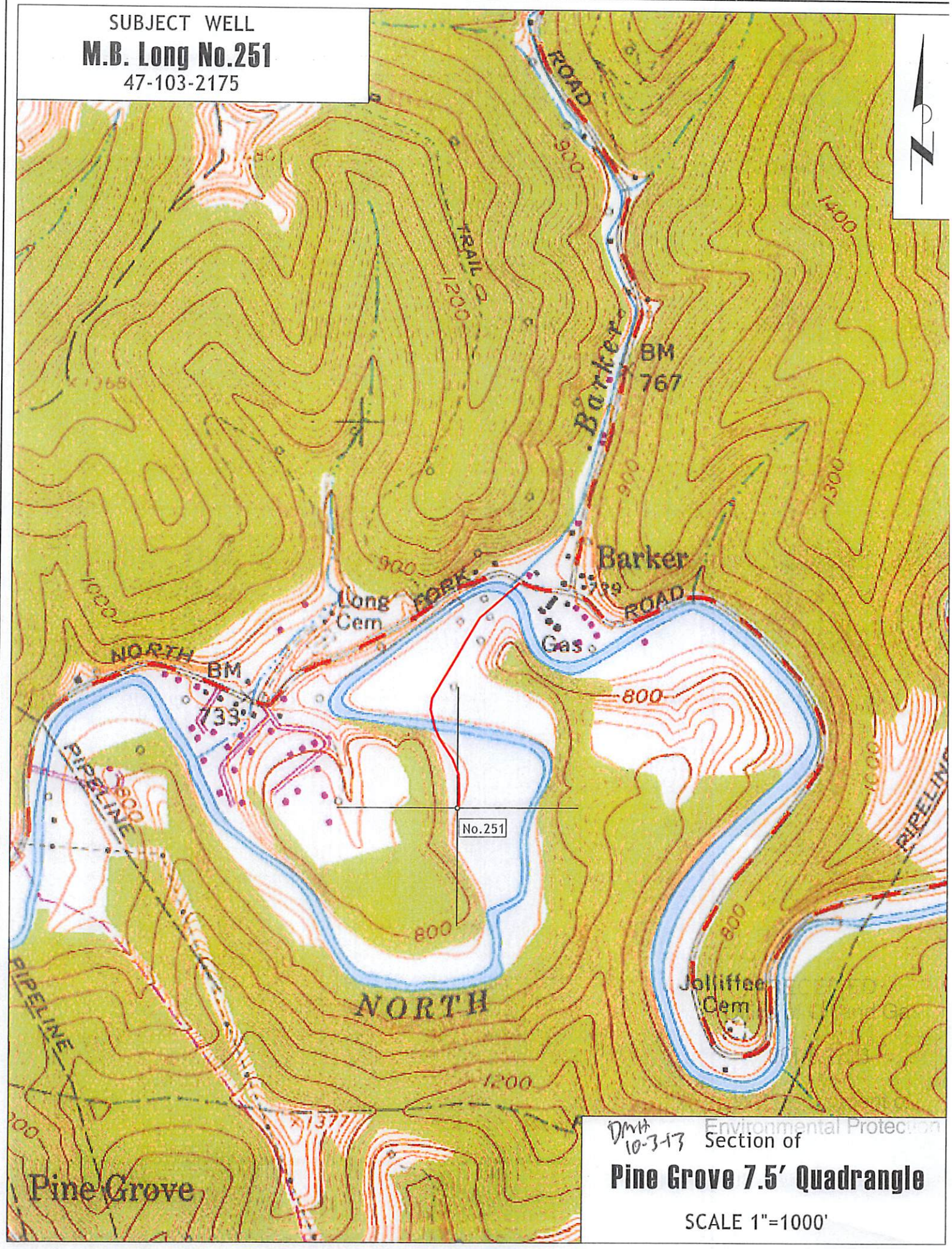
PROPOSED WORK: DRILL ___ CONVERT X DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Convert to Liquid Injection

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 2,840'

WELL OPERATOR HG Energy, LLC DESIGNATED AGENT Mike Kirsch
 ADDRESS 5260 Dupont Road Parkersburg, WV 26101 ADDRESS 5260 Dupont Road Parkersburg, WV 26101

11/08/2013

SUBJECT WELL
M.B. Long No.251
47-103-2175



DMH
10-3-13 Environmental Protection
Section of
Pine Grove 7.5' Quadrangle
SCALE 1"=1000'