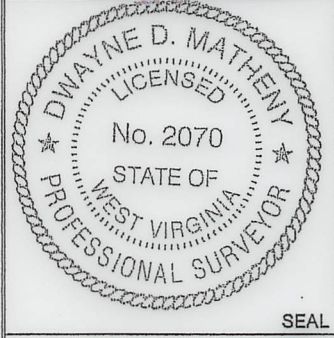


HG Energy II Appalachia, LLC
As-Drilled
Well No. Riddle 1301 S-4H

Notes:
 Well No. Riddle 1301 S-4H
 WVSPC NAD 1927
 Top Hole Coordinates
 N: 741,073.44' E: 2,018,327.80'
 Landing Point Coordinates
 N: 740,486.06' E: 2,018,566.55'
 Bottom Hole Coordinates
 N: 731,419.06' E: 2,022,159.90'

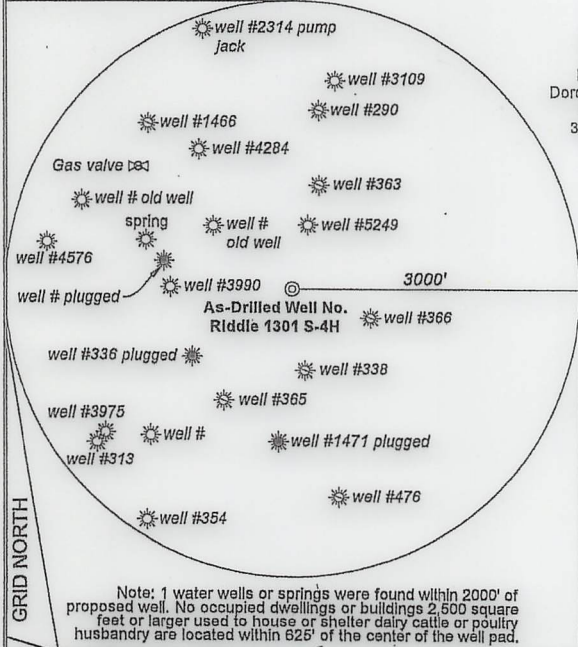
Legend

- ⊙ Proposed gas well
- ⊕ Well Reference, as noted
- ⊗ Monument, as noted
- ⊙ Existing Well, as noted
- ⊙ Existing Plugged Well, as noted
- ⊙ Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)



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 rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
 Dwayne D. Matheny, P.S. 2070



FILE NO: 11-19-D-18
 DRAWING NO: Riddle 1301 S-4H As-Drilled Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: CORS, Harrisville, WV

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

DATE: November 7 20 19
 OPERATOR'S WELL NO. Riddle 1301 S-4H
 API WELL NO
 47 — 021 — 05795P
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,237' WATERSHED: Ellis Fork
 DISTRICT: Dekalb Fred P. Riddle, COUNTY: Gilmer
 SURFACE OWNER: Emary W. & Jessica R. Frymier
 ROYALTY OWNER: B. J. Vannoy; S. S. Riddle, et al LEASE NO: 260204000 ACREAGE: 127.125 / 11.50
 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 Shale ESTIMATED DEPTH: 6,516' TVD 16,613' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNED AGENT: Diane C. White
 ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101