

HG Energy II Appalachia, LLC
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: 740,416.23' E: 2,018,615.62'
 Bottom Hole Coordinates
 N: 731,415.26' E: 2,022,150.84'

Notes:
 Well No. Riddle 1301 S-4H
 West Virginia Coordinate System of 1927, South Zone
 based upon Differential GPS Measurements.
 Top Hole coordinates Bottom Hole coordinates
 Latitude: 39°02'06.26" Latitude: 39°00'30.77"
 Longitude: 80°56'07.74" Longitude: 80°55'19.40"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,320,690.144m N: 4,317,737.654m
 E: 505,598.512m E: 506,783.341m
 Plat orientation and corner and well references
 are based upon the grid north meridian.
 Well location references are based upon the magnetic
 meridian.

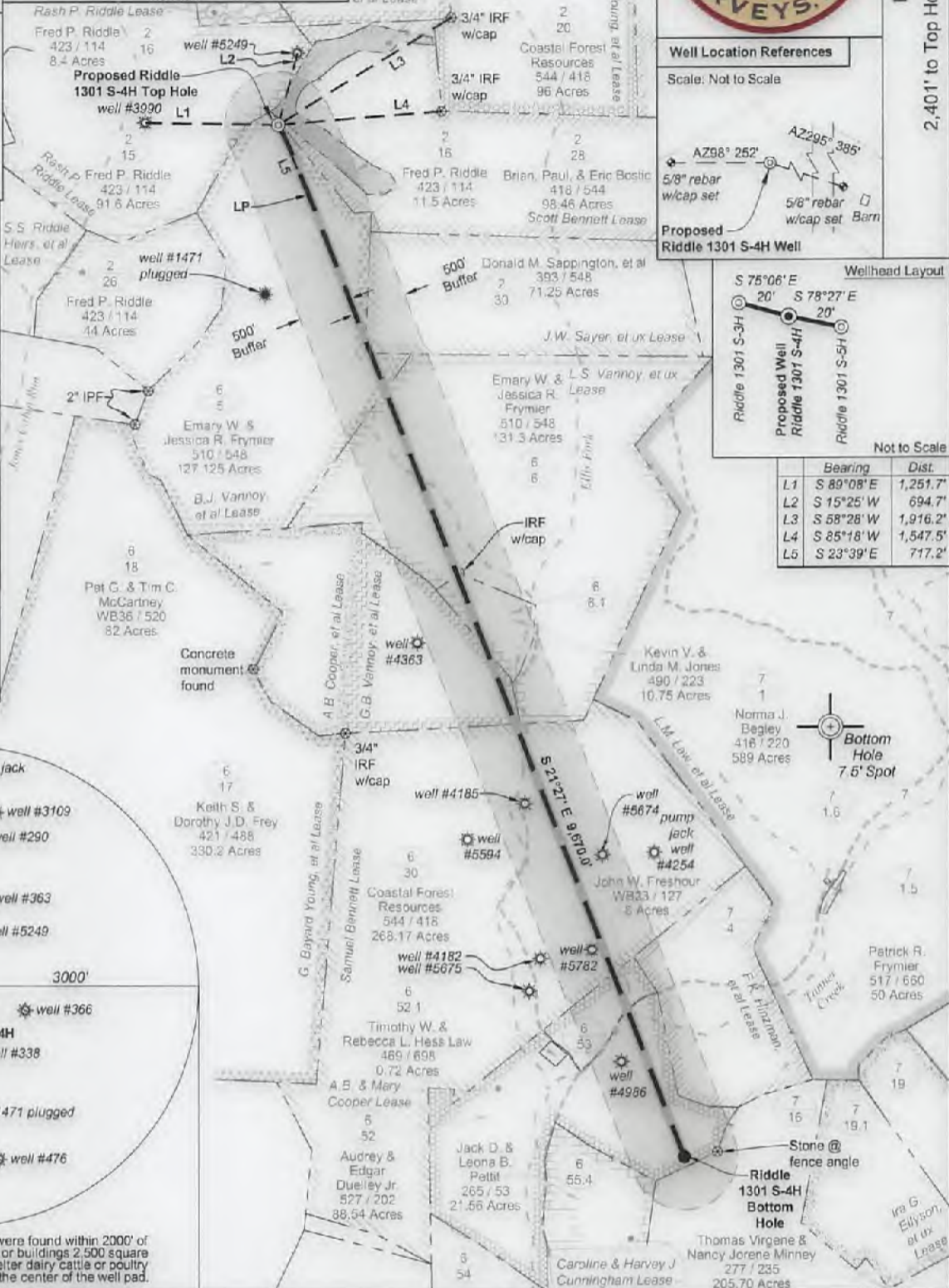
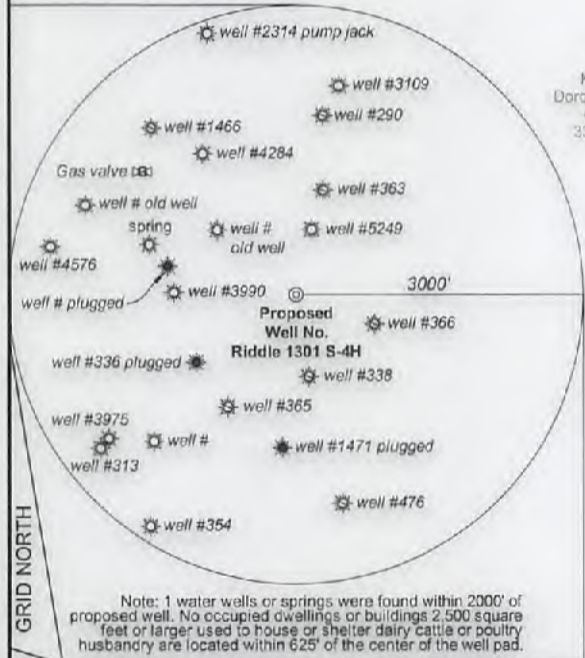
- Legend**
- ⊙ Proposed gas well
 - ⊛ Well Reference, as noted
 - ⊙ Monument, as noted
 - ⊙ Existing Well, as noted
 - ⊙ Existing Plugged Well, as noted
 - ⊙ Digitized Well, as noted
 - Creek or Drain
 - Existing Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)



SEAL

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



1,531' to Bottom Hole

5,344' to Top Hole

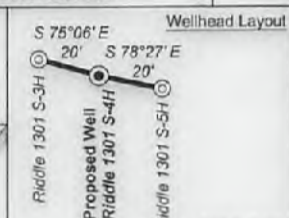
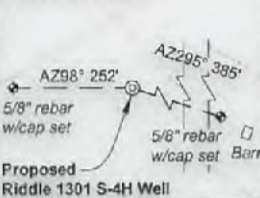
LATITUDE 39 - 02 - 30

LONGITUDE 80 - 55 - 00



Well Location References

Scale: Not to Scale



Not to Scale

Bearing	Dist.
L1 S 80°08' E	1,251.7'
L2 S 15°25' W	694.7'
L3 S 58°28' W	1,916.2'
L4 S 85°18' W	1,547.5'
L5 S 23°39' E	717.2'

FILE NO: 11-19-D-18
 DRAWING NO: Riddle 1301 S-4H Well 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

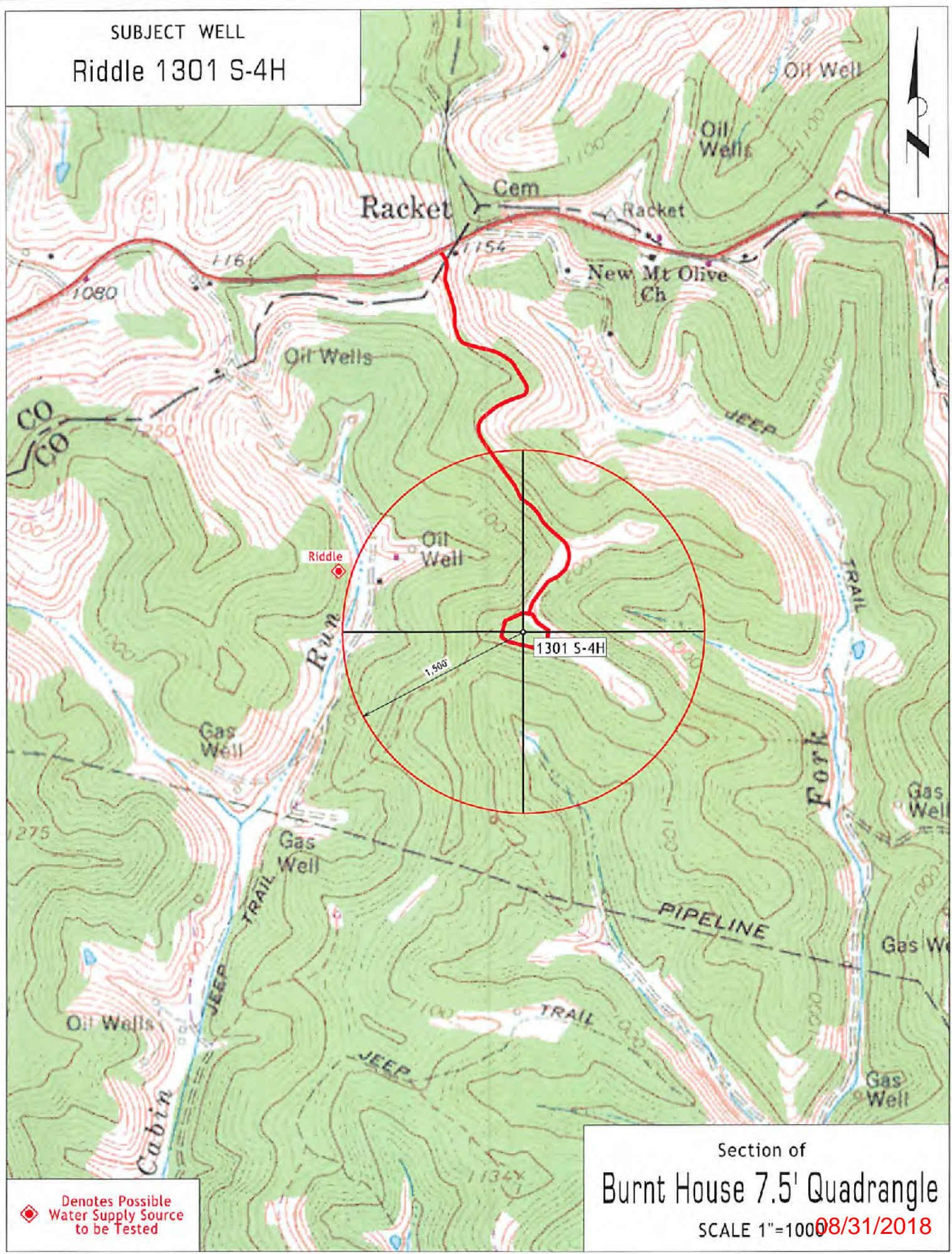
DATE: May 8 20 18
 OPERATOR'S WELL NO. Riddle 1301 S-4H
 API WELL NO. 47 - 021 - 05795
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,237' WATERSHED: Ellis Fork QUADRANGLE: Burnt House
 DISTRICT: Dekalb Fred P. Riddle, COUNTY: Boone
 SURFACE OWNER: Emary W. & Jessica R. Frymier ACREAGE: 127.125 / 11.50
 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) _____ 6,625' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,705' MD

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

SUBJECT WELL
Riddle 1301 S-4H



Riddle

1301 S-4H

◆ Denotes Possible Water Supply Source to be Tested

Section of
Burnt House 7.5' Quadrangle

SCALE 1"=1000 08/31/2018