

(BOTTOM HOLE: 81°12'32.5" LON: -81°11'28.4"

6975'

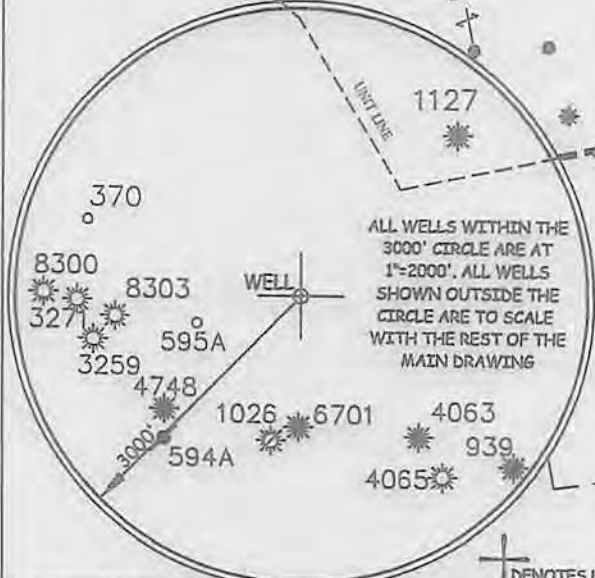
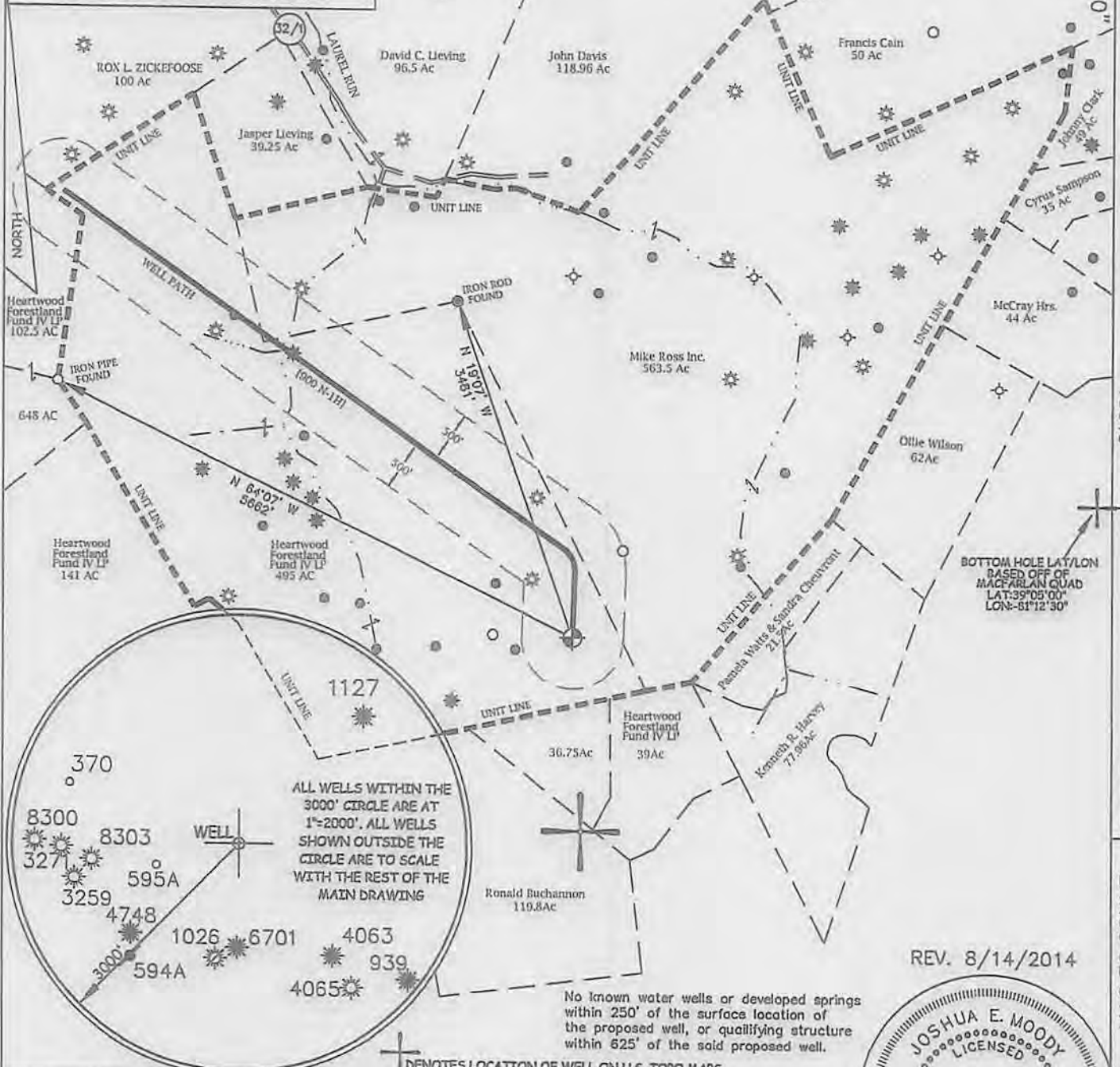
LAT: 39°05'00" MAP OF H.G. ENERGY, LLC -900 N-1H-

LON: 81°10'00"

1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927). 2 - Surface owners and adjoiners information obtained from the Ritchie County Assessor's tax records. 3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete title opinion. 4 - Existing well spots from HGE or Seneca Tech, Inc. data

Table with UTM Coordinates (Zone 17N-NAD 1983) for Surface and Bottom Hole.

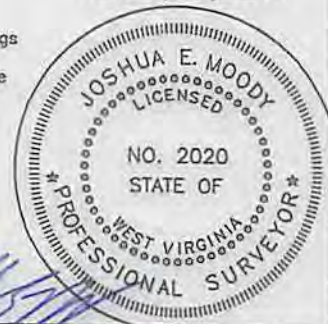
Table with LOCATION REFERENCES for UTM 27 coordinates.



BOTTOM HOLE LAT/LON BASED OFF OF MACFARLAN QUAD LAT: 39°05'00" LON: -81°12'30"

No known water wells or developed springs within 250' of the surface location of the proposed well, or qualifying structure within 625' of the said proposed well.

REV. 8/14/2014



JOB # 14-011 DRAWING # 04/02/2014/10/14/2014/14/2014 SCALE 1" = 1500' MINIMUM DEGREE OF ACCURACY SUB-METER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS MOODY LAND SURVEYING, LLC ST. MARYS, WV 26170

JOSHUA E. MOODY, P.S. 2020 DATE 07/28/2014 OPERATOR'S WELL #900 N-1H

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

WELL TYPE: OIL X GAS X LIQUID INJECTION WASTE DISPOSAL HORIZONTAL X (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X LOCATION: ELEVATION 1116.5' WATERSHED LAUREL RUN DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE MACFARLAN 7.5' API WELL # 47-85-10158H

SURFACE OWNER HEARTWOOD FORESTLAND FUND IV LP ET AL. ACREAGE 495 ACRES +/- OIL & GAS ROYALTY OWNER FRANCIS CAIN ET AL. LEASE ACREAGE 1,139 ACRES +/- PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION HURON WELL OPERATOR H.G. ENERGY, LLC ESTIMATED DEPTH TVD= 3,902' MD= 10,840' DESIGNATED AGENT MIKE KIRSCH ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101 ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101

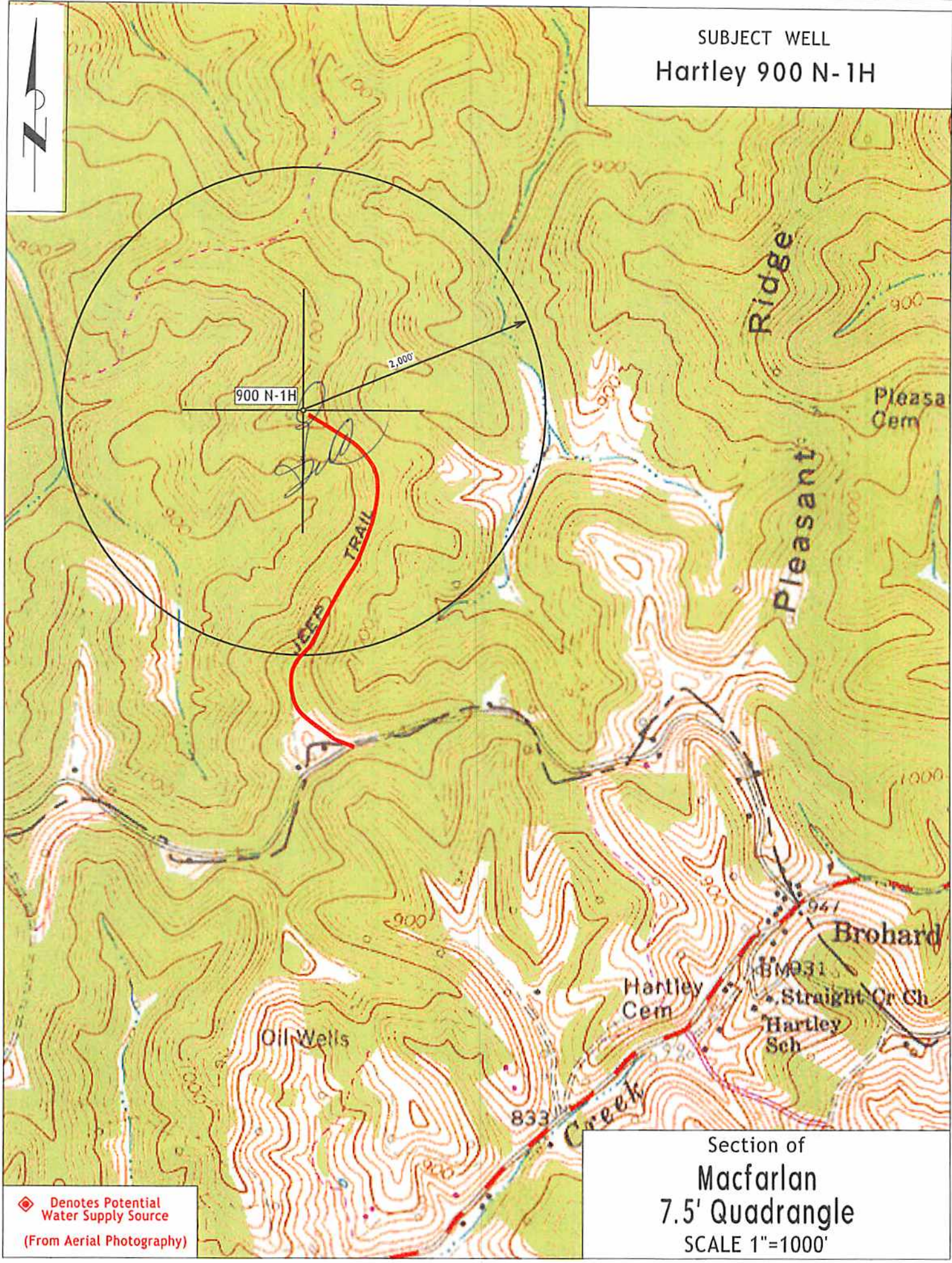
FORM WW-6

LEASE # SC 109

09/12/2014

LAT: 39°02'51.1" (BOTTOM HOLE: 39°03'33.9")

SUBJECT WELL  
Hartley 900 N-1H



Section of  
Macfarlan  
7.5' Quadrangle  
SCALE 1"=1000''

Denotes Potential  
Water Supply Source  
(From Aerial Photography)