

(BOT. HL: LON: -81°16'43.3")

LON: -81°16'55.4" 9150'

LON: 81°15'00" LAT: 38°42'23.3"

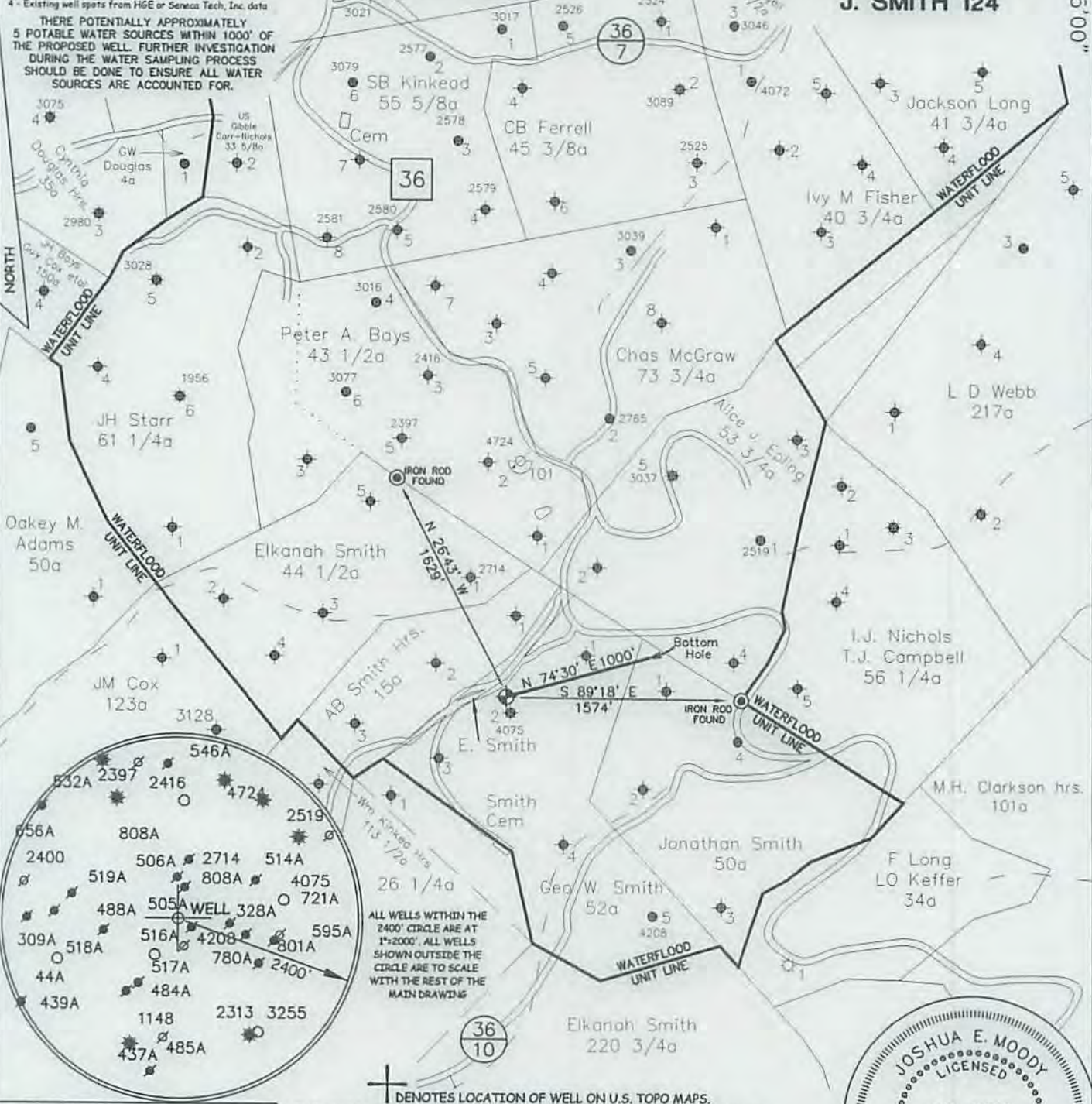
(BOTTOM HOLE: LAT: 38°42'26.0")

- SURVEY NOTES**
- 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 adjacent information obtained from the Roane 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

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,284,253m. E-475,489m.
Bottom Hole	N-4,284,334m. E-475,783m.

LOCATION REFERENCES	
MAGNETIC BEARING N 75° E 122.5' 12" MAPLE S 30° E 96.8' WELL G.W. SMITH # 2	

LAT: 38°42'30"
**MAP OF
 H.G. ENERGY, LLC
 -WATERFLOOD UNIT-
 J. SMITH 124**



JOB # 14-033
 DRAWING # 14CLOVER FOLDER
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

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



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

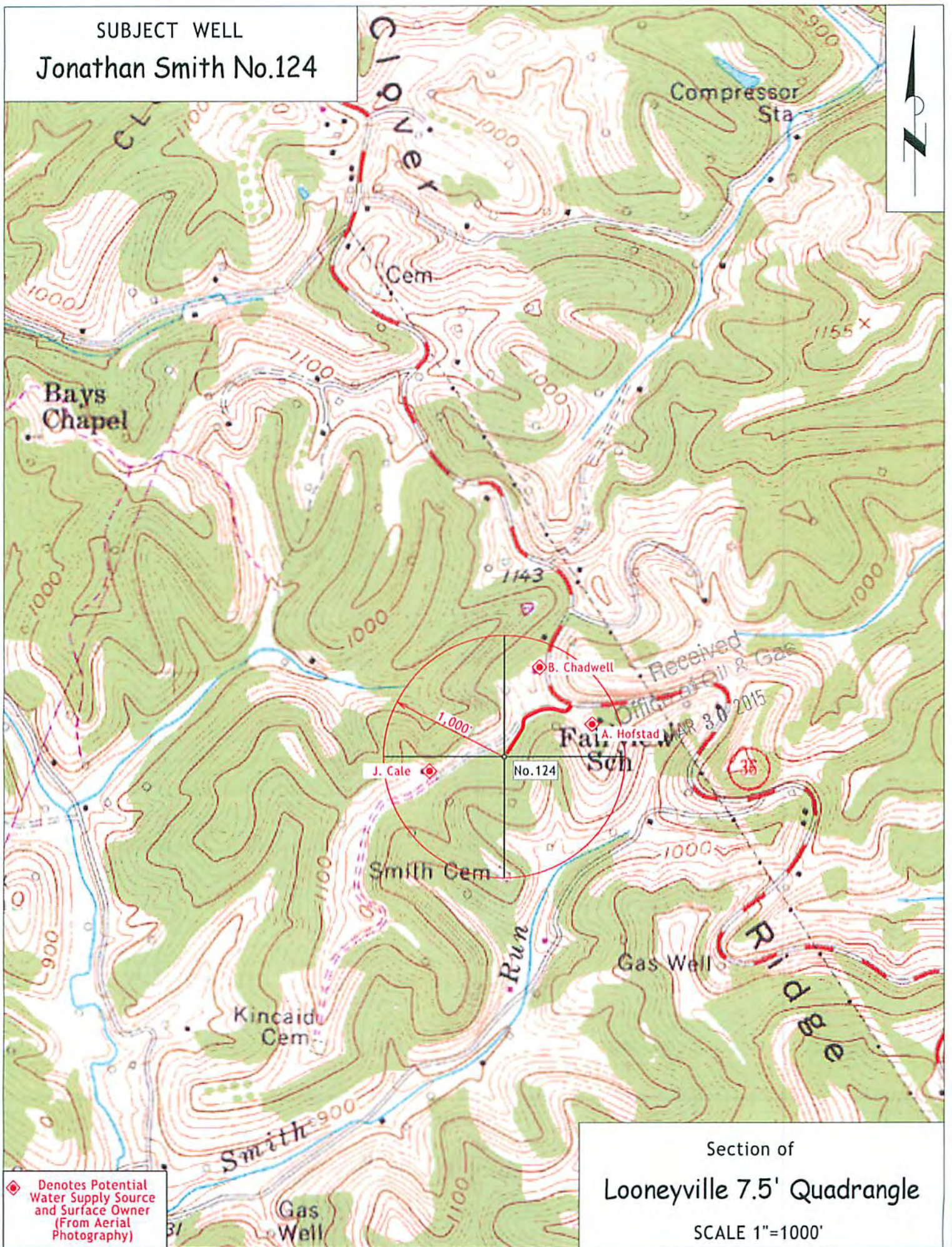
JOSHUA E. MOODY, P.S. 2020
 DATE 12/15/14
 OPERATOR'S WELL J. SMITH # 124

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___ HORIZONTAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1178' WATERSHED SMITH RUN API WELL # 47 - 087 - 04780S
 DISTRICT SMITHFIELD COUNTY ROANE STATE COUNTY PERMIT
 QUADRANGLE LOONEYVILLE 7.5'

SURFACE OWNER CHARLES A. WYROSTOK JR. ACREAGE 37.46 ACRES +/-
 OIL & GAS ROYALTY OWNER F.B. FOSTER HRS. ET AL LEASE ACREAGE 50.00 ACRES +/-
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) WELL WILL BE DRILLED DIRECTIONALLY (N 74°30' E 1000')
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH TVD=2,290' MD=2,950'
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT DIANE WHITE
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
 PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

COUNTY NAME PERMIT

SUBJECT WELL
Jonathan Smith No.124



◆ Denotes Potential Water Supply Source and Surface Owner (From Aerial Photography)

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