

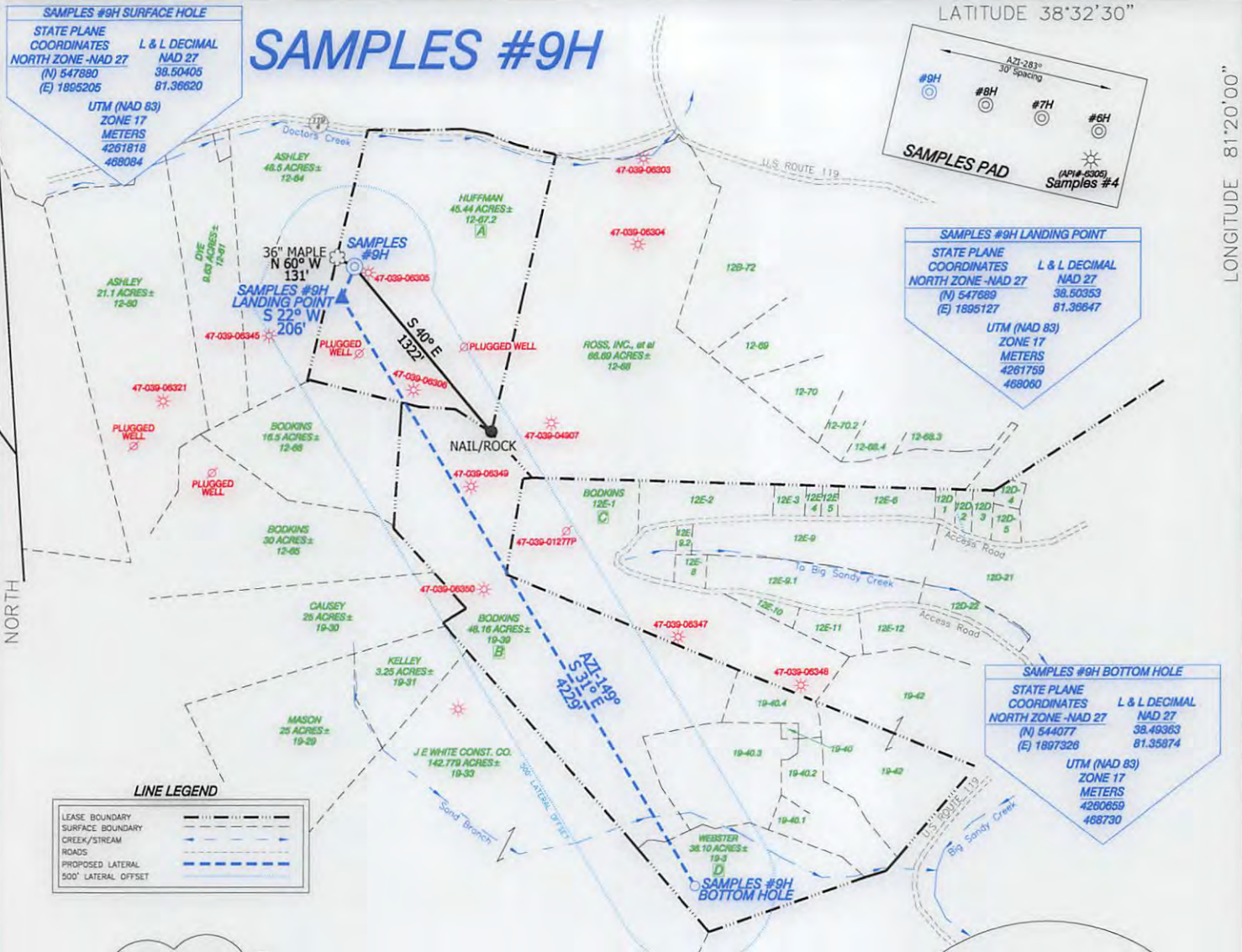
# SAMPLES #9H

LATITUDE 38°32'30"

LONGITUDE 81°20'00"

13,710'

LAT. 38°30'14.6"



**SAMPLES #9H SURFACE HOLE**  
 STATE PLANE COORDINATES  
 NORTH ZONE -NAD 27  
 (N) 547880  
 (E) 1895205  
 L & L DECIMAL NAD 27  
 38.50405  
 81.36820  
 UTM (NAD 83) ZONE 17 METERS  
 4261818  
 468084

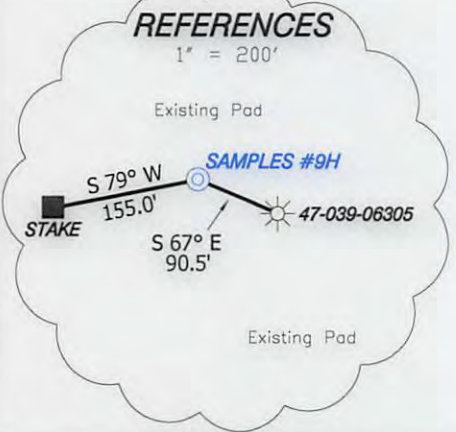
**SAMPLES PAD**  
 AZI-283°  
 30' Spacing  
 #9H #8H #7H #6H  
 (API#-6305) Samples #4

**SAMPLES #9H LANDING POINT**  
 STATE PLANE COORDINATES  
 NORTH ZONE -NAD 27  
 (N) 547689  
 (E) 1895127  
 L & L DECIMAL NAD 27  
 38.50353  
 81.36847  
 UTM (NAD 83) ZONE 17 METERS  
 4261759  
 468060

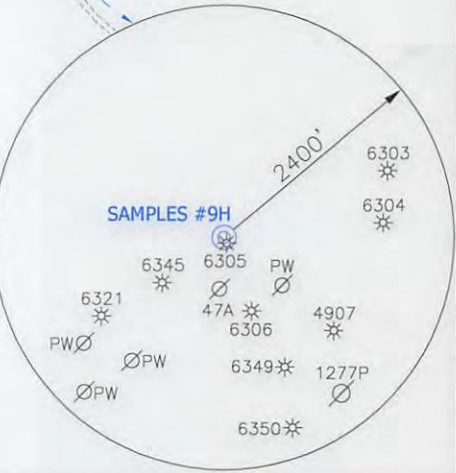
**SAMPLES #9H BOTTOM HOLE**  
 STATE PLANE COORDINATES  
 NORTH ZONE -NAD 27  
 (N) 544077  
 (E) 1897326  
 L & L DECIMAL NAD 27  
 38.49363  
 81.35874  
 UTM (NAD 83) ZONE 17 METERS  
 4260659  
 468730

**LINE LEGEND**

LEASE BOUNDARY	---
SURFACE BOUNDARY	---
CREEK/STREAM	---
ROADS	---
PROPOSED LATERAL	---
500' LATERAL OFFSET	---



- NOTES ON SURVEY**
1. NO DWELLINGS WITHIN 625' WERE FOUND.
  2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
  3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
  4. WELL LAT./LONG. ESTABLISHED BY DGPS(SUB-METER GRADE).
  5. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF KANAWHA COUNTY IN FEBRUARY, 2015 AND INFORMATION PROVIDED BY CUNNINGHAM ENERGY, LLC.
  6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE MARCH 11, 20 15  
 OPERATORS WELL NO. SAMPLES #9H  
 API WELL NO. 47-039-06382 H  
 STATE COUNTY PERMIT

P.S. 834  
  
**HUPP Surveying & Mapping**  
 P.O. Box 647 Grantsville, WV 26147  
 (304) 354-7035 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2041 (BK74-38)  
 PROVEN SOURCE OF ELEVATION DGPS (SUB-METER) SCALE 1" = 1000'

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

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

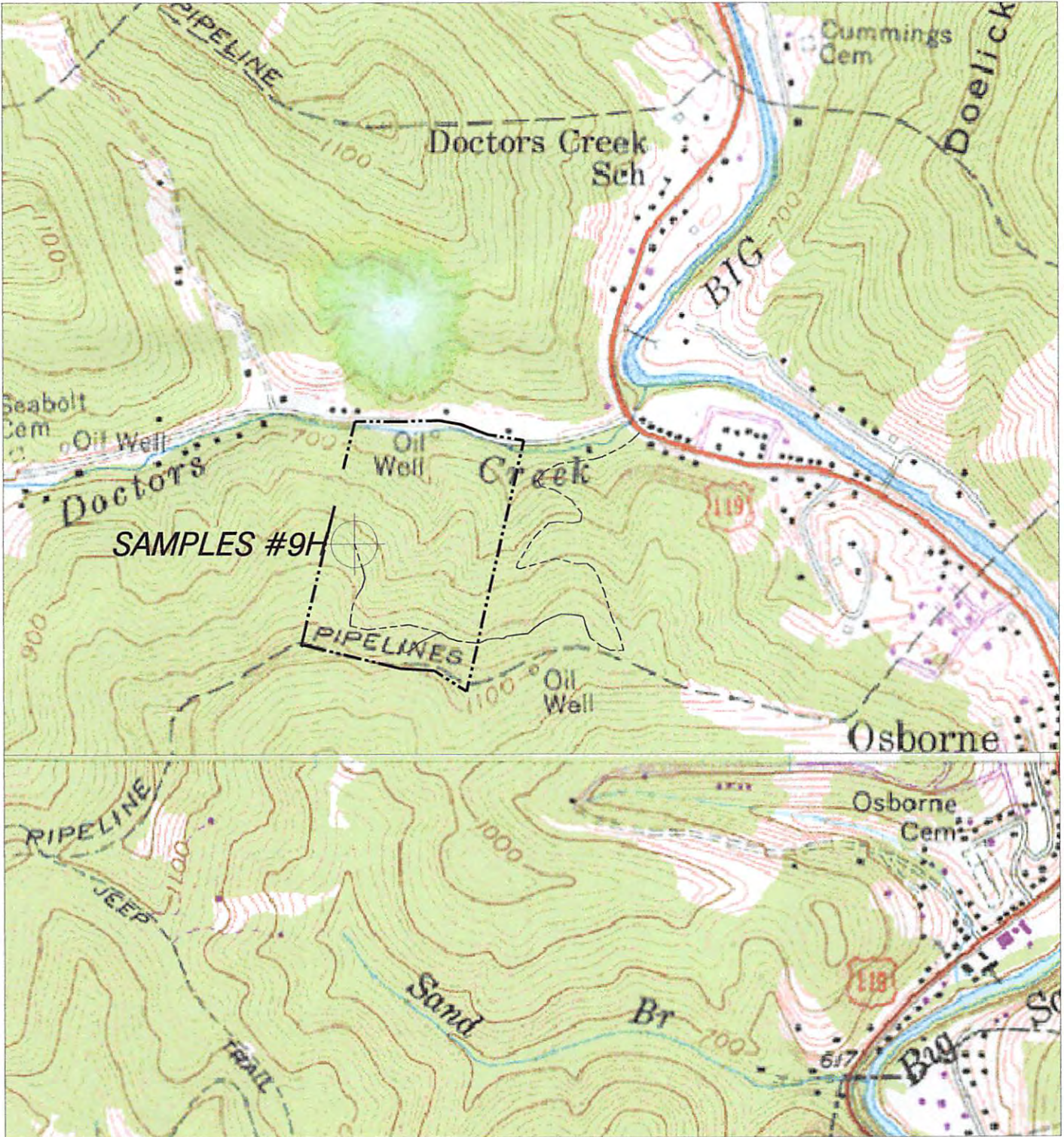
LOCATION :  
 ELEVATION 945' WATERSHED DOCTORS CREEK  
 DISTRICT BIG SANDY COUNTY KANAWHA QUADRANGLE CLIO 7.5'  
 SURFACE OWNER ROBERT HUFFMAN ACREAGE 45.44±  
 ROYALTY OWNER SOPHIA SAMPLES, et al LEASE ACREAGE 325.30± **10/14/2016**  
 PROPOSED WORK : LEASE NO. \_\_\_\_\_  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER   
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION WEIR  
 ESTIMATED DEPTH TVD- 2,000' MD-6,440'

WELL OPERATOR CUNNINGHAM ENERGY, LLC. DESIGNATED AGENT RYAN CUNNINGHAM  
 ADDRESS 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302 ADDRESS 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302



Form W-9

# CUNNINGHAM ENERGY, LLC. SAMPLES #9H



NORTH

### HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147  
PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'  
CLIO Quad

CUNNINGHAM ENERGY, LLC.  
3230 PENNSYLVANIA AVE.  
CHARLESTON, WV 25302

10/14/2016