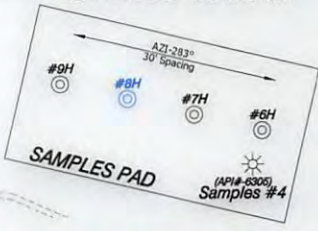


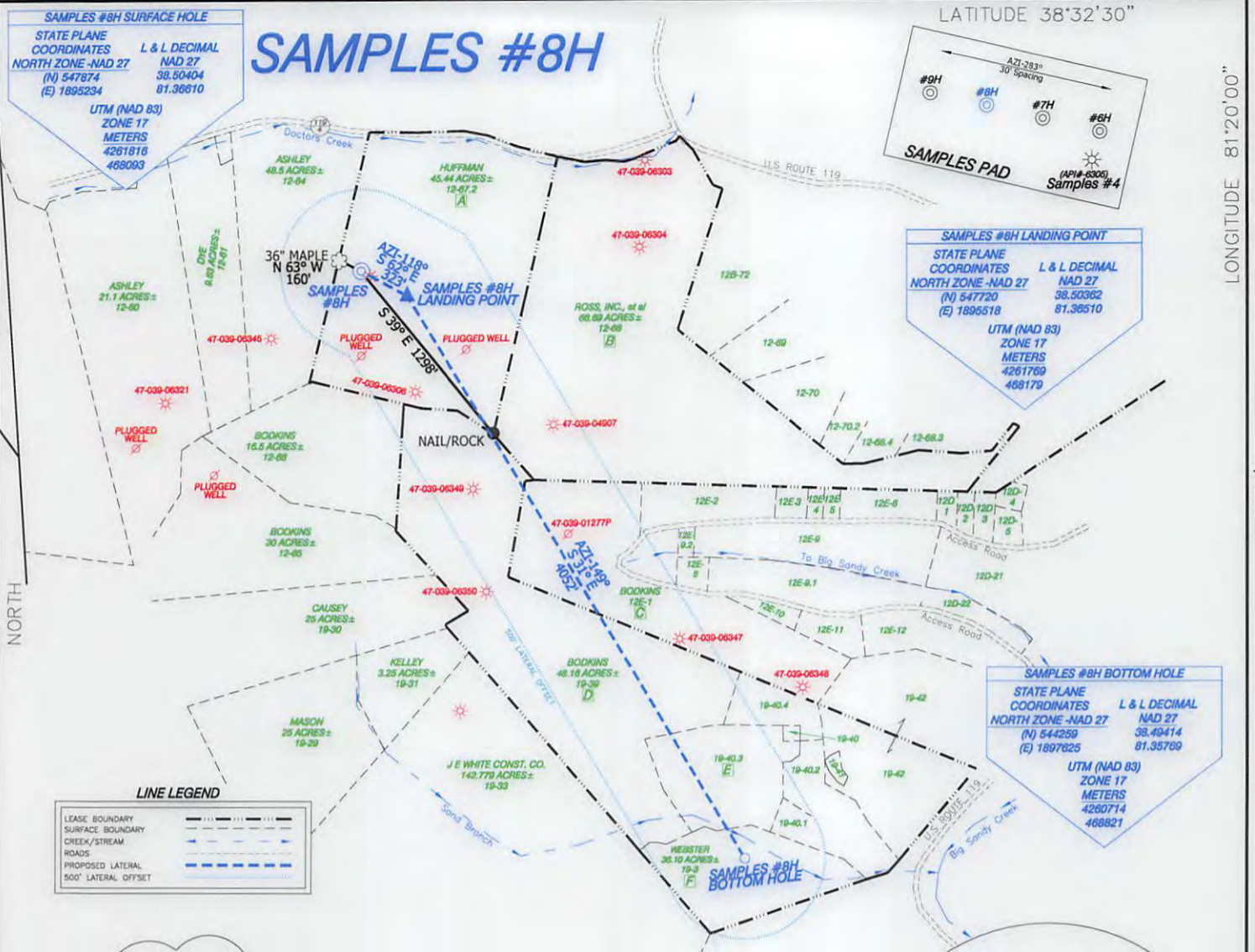
SAMPLES #8H

SAMPLES #8H SURFACE HOLE
 STATE PLANE COORDINATES NORTH ZONE -NAD 27 (N) 547874 (E) 1895234
 L & L DECIMAL NAD 27 38.50404 81.38610
 UTM (NAD 83) ZONE 17 METERS 4261818 488093



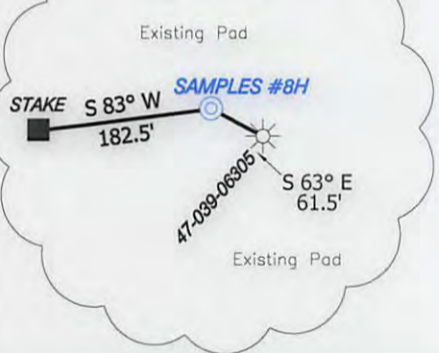
SAMPLES #8H LANDING POINT
 STATE PLANE COORDINATES NORTH ZONE -NAD 27 (N) 547720 (E) 1895518
 L & L DECIMAL NAD 27 38.50362 81.38510
 UTM (NAD 83) ZONE 17 METERS 4261769 488179

SAMPLES #8H BOTTOM HOLE
 STATE PLANE COORDINATES NORTH ZONE -NAD 27 (N) 544259 (E) 1897825
 L & L DECIMAL NAD 27 38.49414 81.35789
 UTM (NAD 83) ZONE 17 METERS 4260714 488821



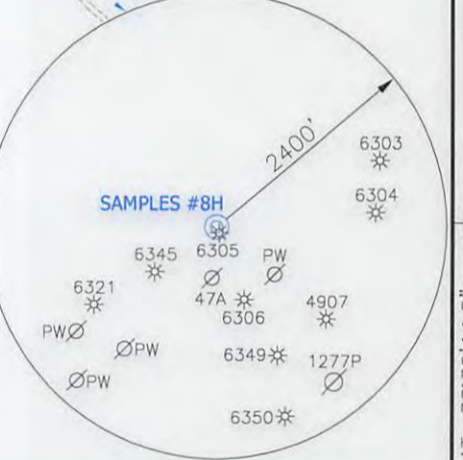
REFERENCES

1" = 200'



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 WY SOUTH ZONE NAD '27. WELL LAT./LONG. ESTABLISHED BY DOPS(SUB-METER GRADE).
4. 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.
5. WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP.



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.

P.S. 834

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 11, 20 15
 OPERATORS WELL NO. SAMPLES #8H
 API WELL NO. 47-039-06381H
 STATE COUNTY PERMIT

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 418.74±

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-6,380'

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

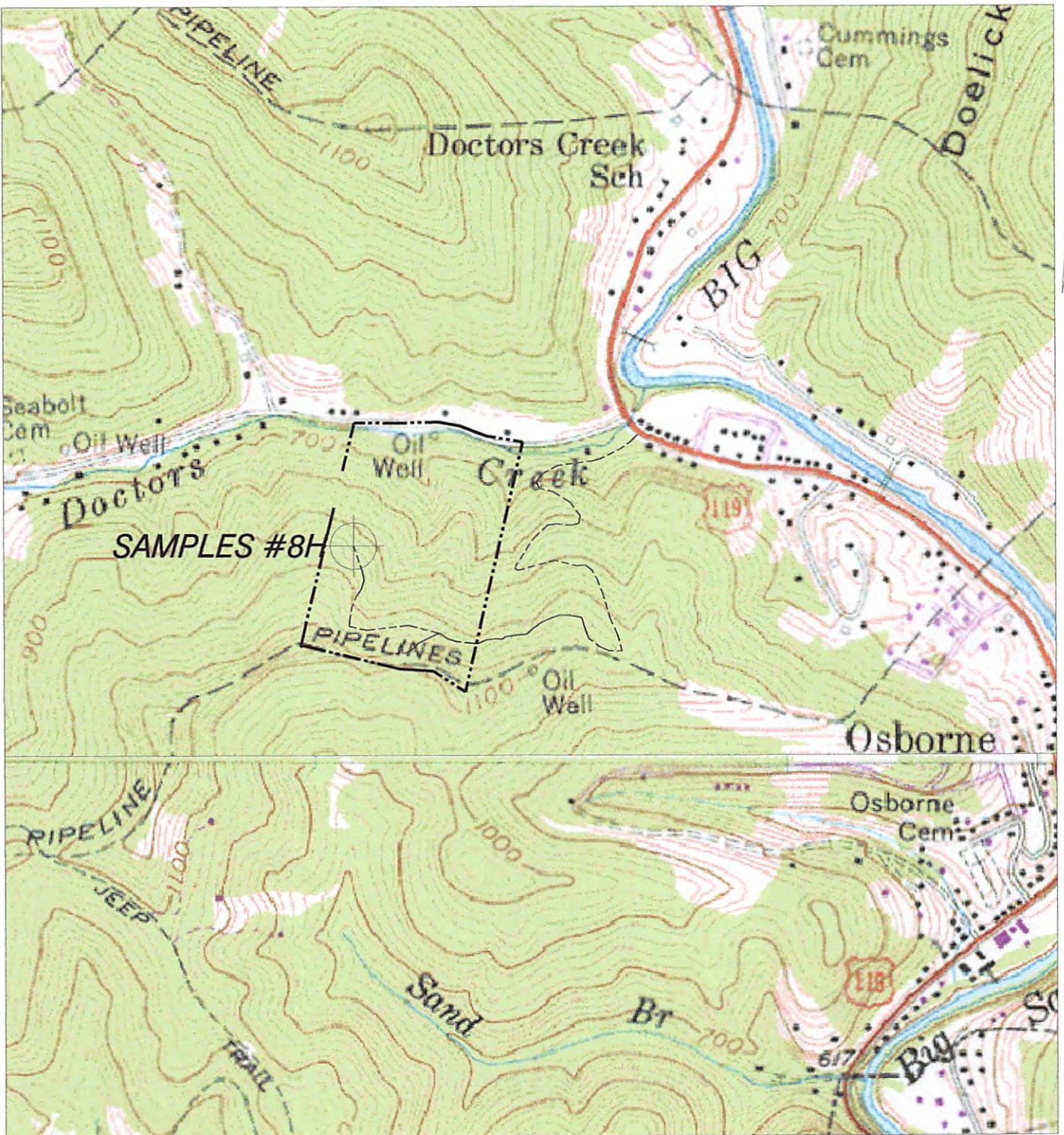
10/14/2016

COUNTY NAME PERMIT

Form W-9

CUNNINGHAM ENERGY, LLC.

SAMPLES #8H



NORTH

HUPP Surveying & Mapping

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

1" = 1000'
CLIO Quad

RECEIVED
Office of Oil and Gas
CUNNINGHAM ENERGY, LLC.
3230 PENNSYLVANIA AVE.
CHARLESTON, WV 25302

10/14/2016

Environment Department of