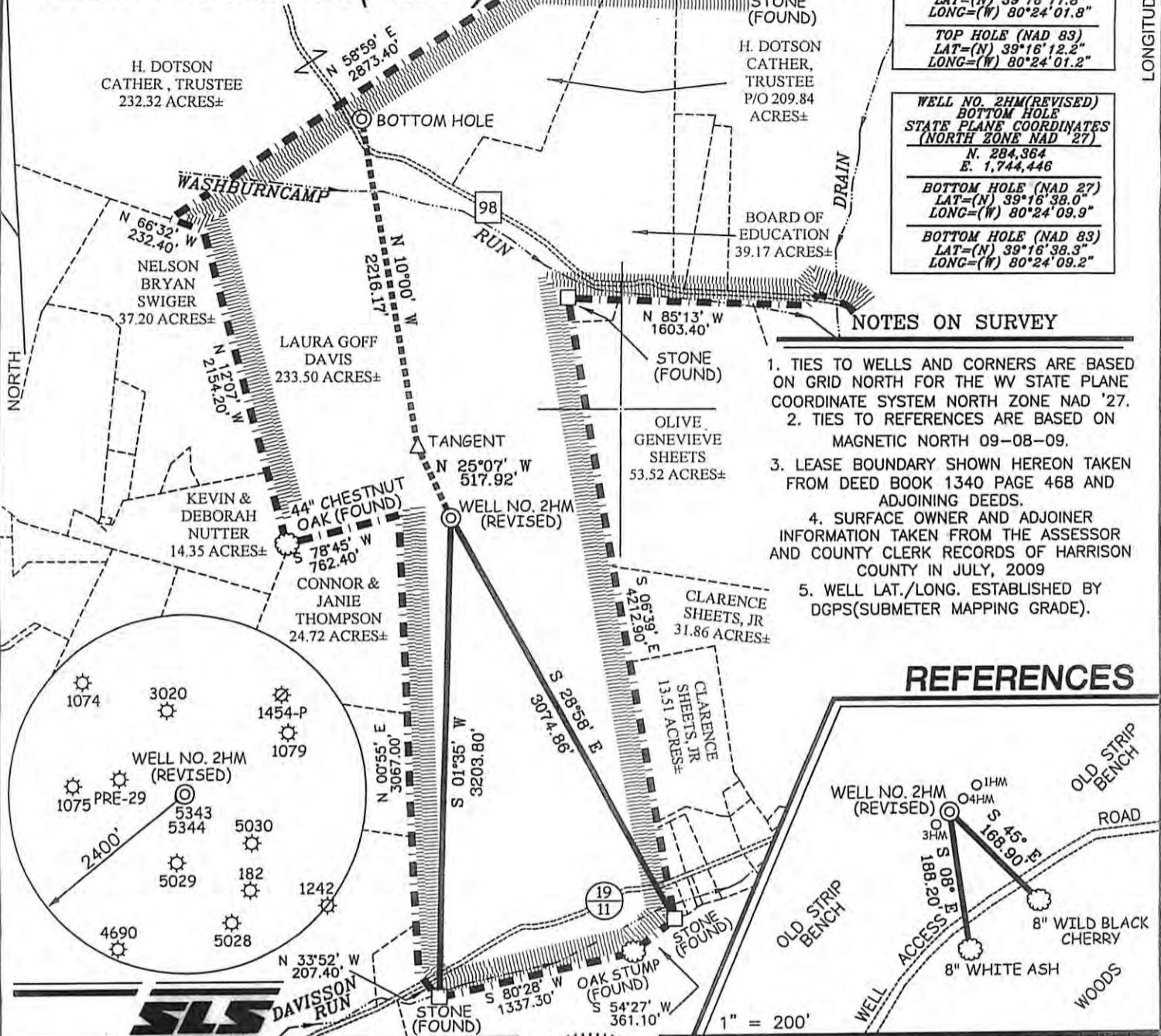


GOFF LEASE 1,088 ACRES± WELL NO. 2HM(REV.)

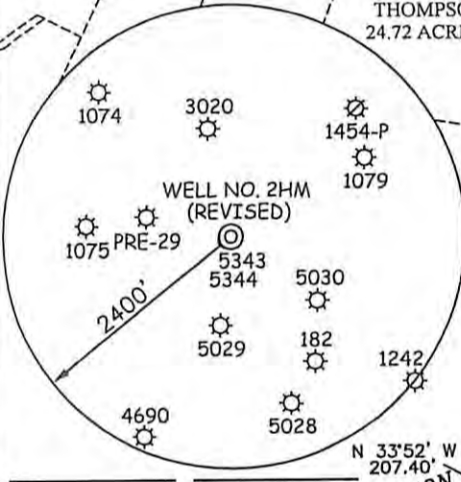
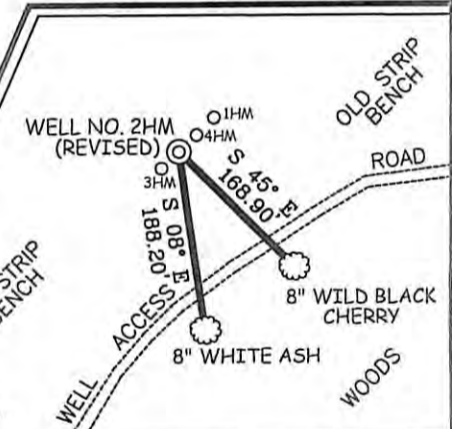


WELL NO. 2HM(REVISED) TOP HOLE STATE PLANE COORDINATES (NORTH ZONE NAD '27)
N. 281,712 E. 1,745,050
TOP HOLE (NAD '27) LAT=(N) 39°16'11.8" LONG=(W) 80°24'01.8"
TOP HOLE (NAD 83) LAT=(N) 39°16'12.2" LONG=(W) 80°24'01.2"
WELL NO. 2HM(REVISED) BOTTOM HOLE STATE PLANE COORDINATES (NORTH ZONE NAD '27)
N. 284,364 E. 1,744,446
BOTTOM HOLE (NAD '27) LAT=(N) 39°16'38.0" LONG=(W) 80°24'09.9"
BOTTOM HOLE (NAD 83) LAT=(N) 39°16'38.3" LONG=(W) 80°24'09.2"

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09-08-09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1340 PAGE 468 AND ADJOINING DEEDS.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2009
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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 PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. *Gregory A. Smith*
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE SEPTEMBER 23, 20 09
 REVISED FEBRUARY 8, 20 10
 OPERATORS WELL NO. GOFF NO. 2HM(REVISED)
 API
 WELL NO. 47 - 033 - 5342H
 STATE COUNTY PERMIT
CANCELLED Revised

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7129P2HM(286-28)
 SCALE 1" = 1,000'
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)

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 1,196' WATERSHED DAVISSON RUN
 DISTRICT CLARK COUNTY HARRISON QUADRANGLE WOLF SUMMIT 7.5'
 SURFACE OWNER LAURA GOFF DAVIS ACREAGE 233.50±
 ROYALTY OWNER H. DOTSON CATHER, TRUSTEE LEASE ACREAGE 1,088±
 PROPOSED WORK:
 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 MARCELLUS SHALE
 ESTIMATED DEPTH 7,100' (TVD) / 9,200' (MD)

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT ALAN H. SMITH
 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 12/07/2012

COUNTY NAME PERMIT