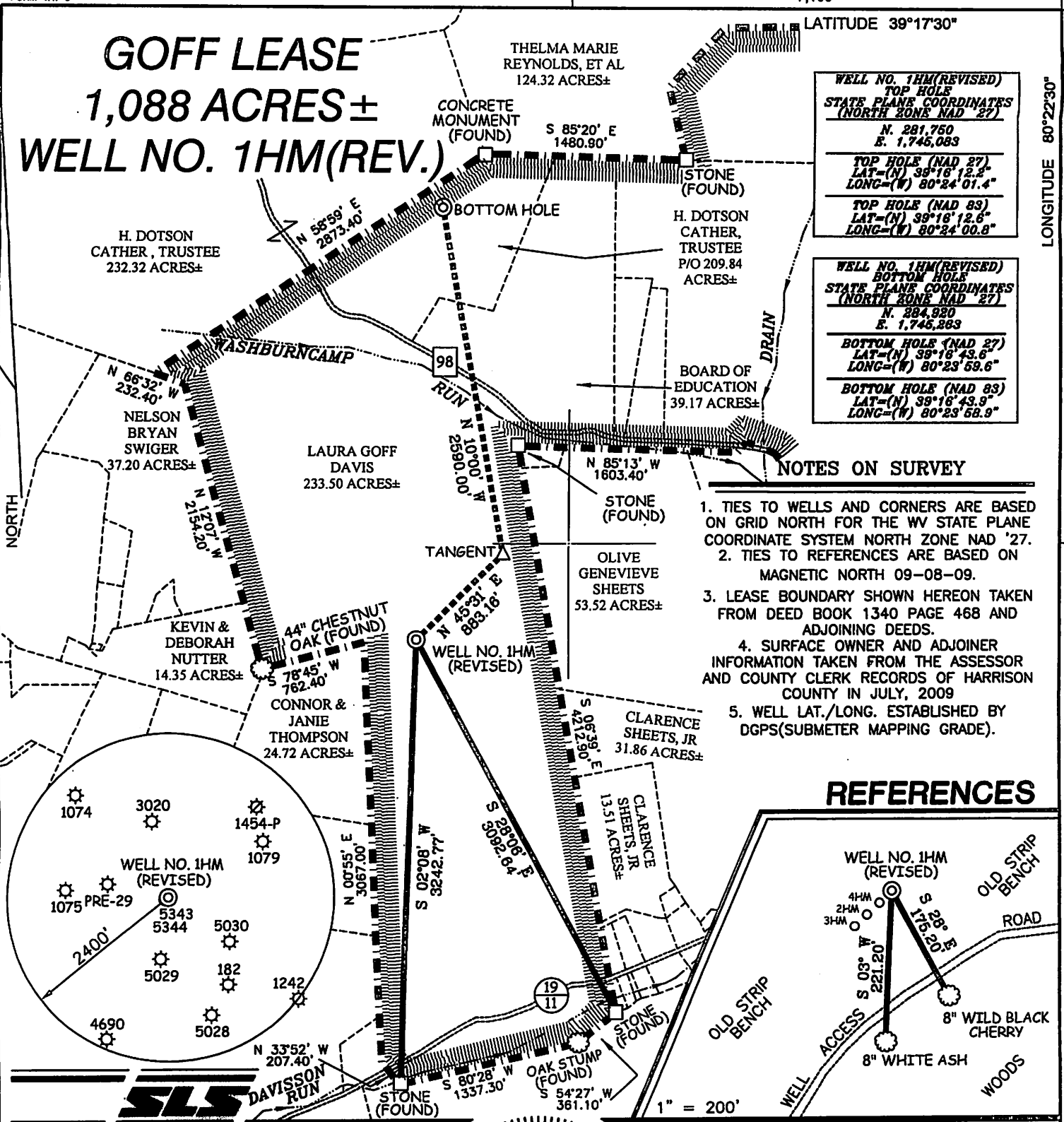


GOFF LEASE 1,088 ACRES± WELL NO. 1HM(REV.)

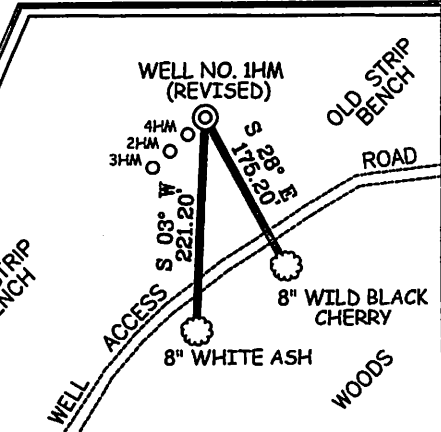


WELL NO. 1HM(REVISED) TOP HOLE STATE PLANE COORDINATES (NORTH ZONE NAD 27)
N. 281,750 E. 1,745,083
TOP HOLE (NAD 27) LAT=(N) 39°16'12.2" LONG=(W) 80°24'01.4"
TOP HOLE (NAD 83) LAT=(N) 39°16'12.6" LONG=(W) 80°24'00.6"
WELL NO. 1HM(REVISED) BOTTOM HOLE STATE PLANE COORDINATES (NORTH ZONE NAD 27)
N. 284,920 E. 1,745,383
BOTTOM HOLE (NAD 27) LAT=(N) 39°16'43.6" LONG=(W) 80°23'59.6"
BOTTOM HOLE (NAD 83) LAT=(N) 39°16'43.9" LONG=(W) 80°23'58.9"

NOTES ON SURVEY

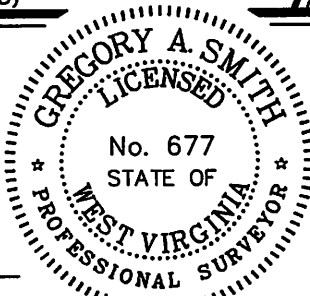
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09-08-09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1340 PAGE 468 AND ADJOINING DEEDS.
4. SURFACE OWNER AND ADJOINER INFORMATION 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. 677
Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE SEPTEMBER 23, 20 09
REVISED FEBRUARY 8, 20 10
OPERATORS WELL NO. GOFF NO. 1HM(REVISED)
API WELL NO. 47 - 033 - 5341H
NO. **CANCELLED** PERMIT *Revised*

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7129P1HMR(286-28)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1,000'

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: 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 MARCELLUS SHALE
ESTIMATED DEPTH 7,100' (TVD) / 9,400' (MD)

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

LONGITUDE 80°22'30" 7,870'

COUNTY NAME

PERMIT