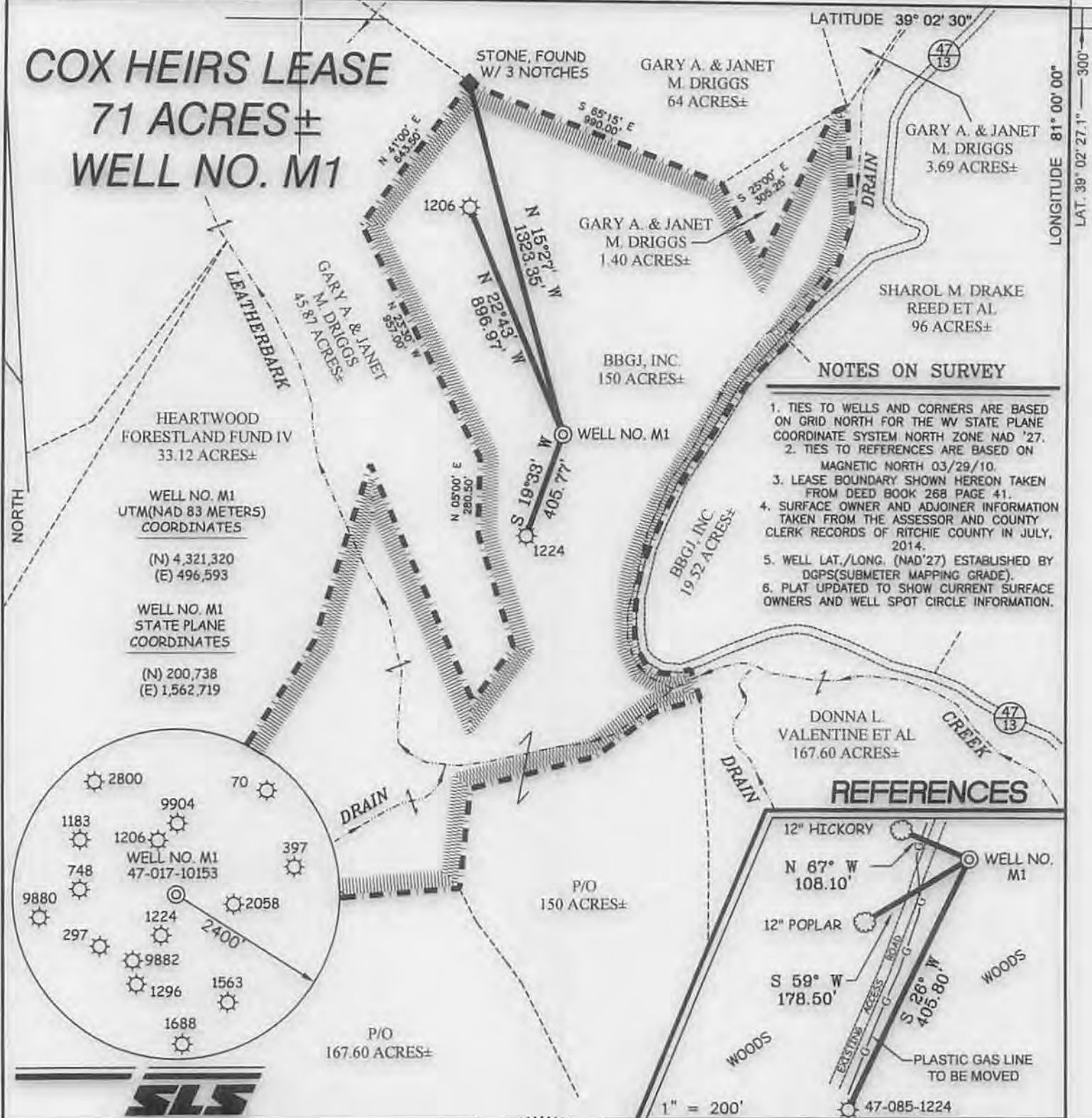


COX HEIRS LEASE 71 ACRES± WELL NO. M1

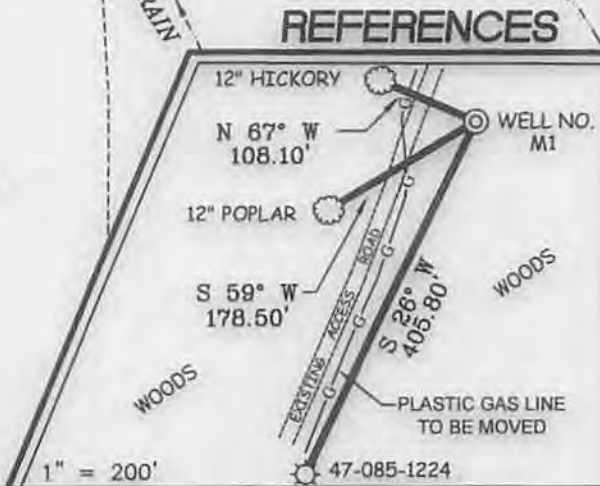
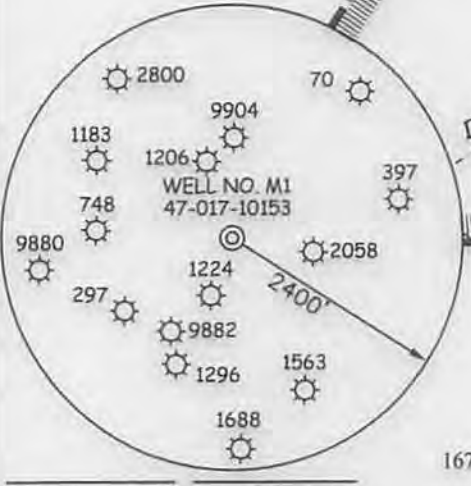


- ### NOTES ON SURVEY
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
 2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03/29/10.
 3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 268 PAGE 41.
 4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2014.
 5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
 6. PLAT UPDATED TO SHOW CURRENT SURFACE OWNERS AND WELL SPOT CIRCLE INFORMATION.

HEARTWOOD FORESTLAND FUND IV
33.12 ACRES±

WELL NO. M1
UTM(NAD 83 METERS)
COORDINATES
(N) 4,321,320
(E) 496,593

WELL NO. M1
STATE PLANE
COORDINATES
(N) 200,738
(E) 1,562,719



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 APRIL 16, 20 10
UPDATED AUGUST 26, 20 14
OPERATORS WELL NO. COX HEIRS #M1
API WELL NO. 47 - 85 - 10153
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200
FILE NO. 7399PM1R (300-10)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
SCALE 1" = 500'

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 995' WATERSHED LEATHERBARK CREEK
DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'

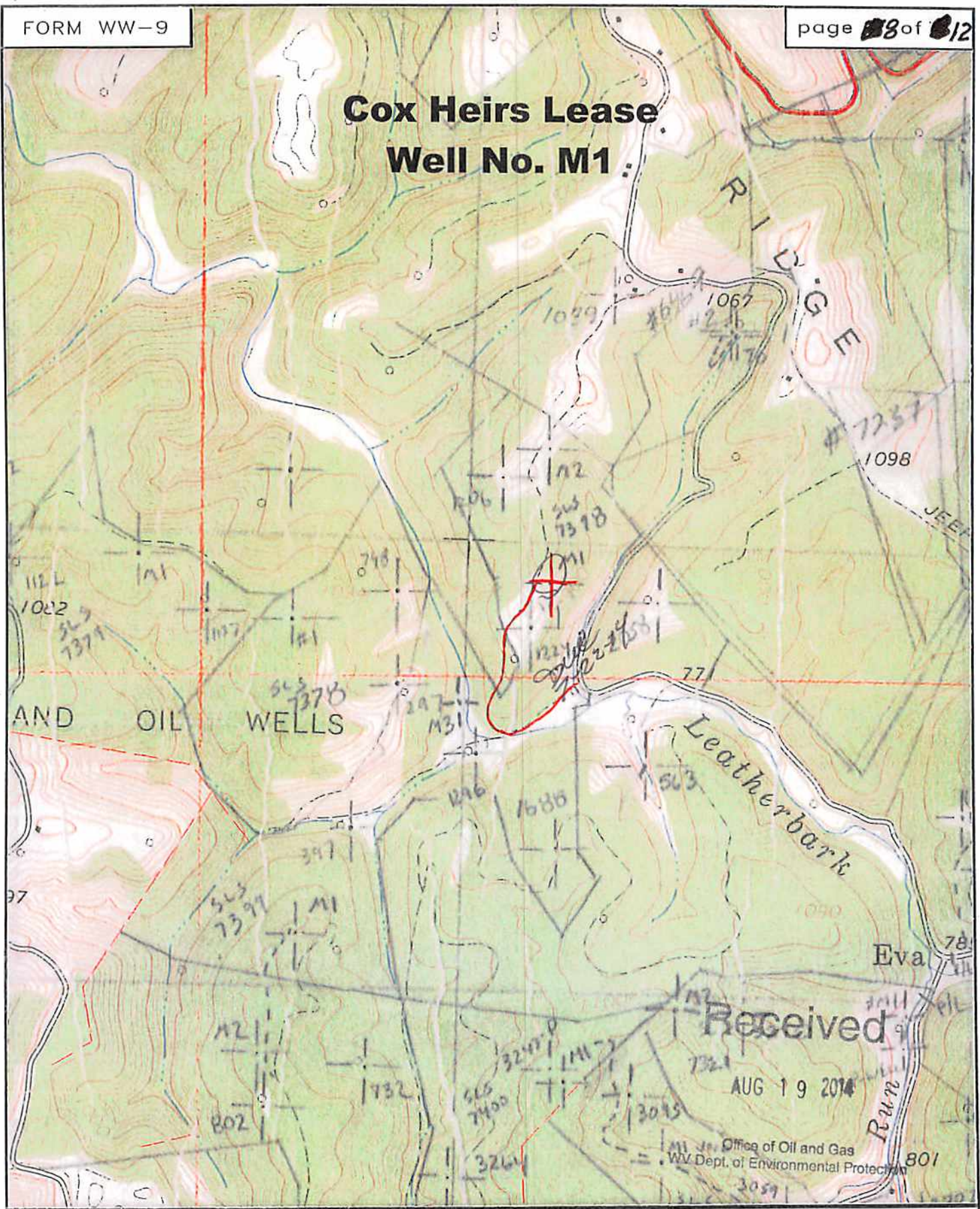
SURFACE OWNER BBJ, INC. ACREAGE 150±
ROYALTY OWNER W.E. COX, ET UX LEASE ACREAGE 71±
PROPOSED WORK: LEASE NO. _____

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 RHINESTREET
ESTIMATED DEPTH 6,000'

WELL OPERATOR MURVIN & MEIER OIL CO. DESIGNATED AGENT P. NATHAN BOWLES, JR.
ADDRESS P.O. BOX 396 ADDRESS P.O. BOX 1237
OLNEY, IL 62450 CHARLESTON, WV 25325

09/19/2014

Cox Heirs Lease Well No. M1



SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF SMITHVILLE 7.5'

FILE NO. 7399 DATE 4/16/10 SCALE 1"=1000'