

GREGG HEIRS LEASE

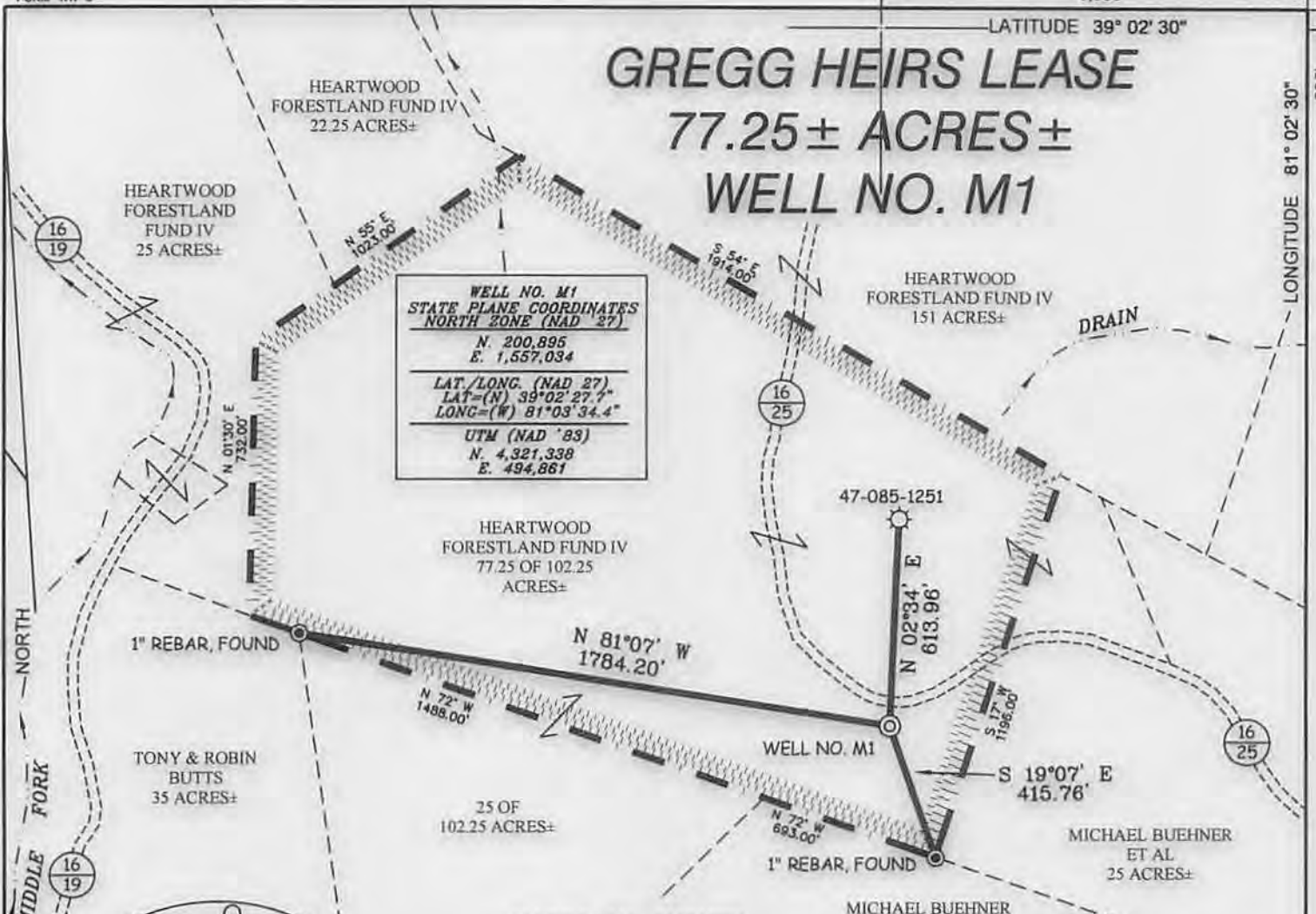
77.25± ACRES±

WELL NO. M1

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STATE PLANE COORDINATES
NORTH ZONE (NAD '27)
 N. 200,895
 E. 1,557,034

LAT./LONG. (NAD '27)
 LAT=(N) 39°02'27.7"
 LONG=(W) 81°03'34.4"

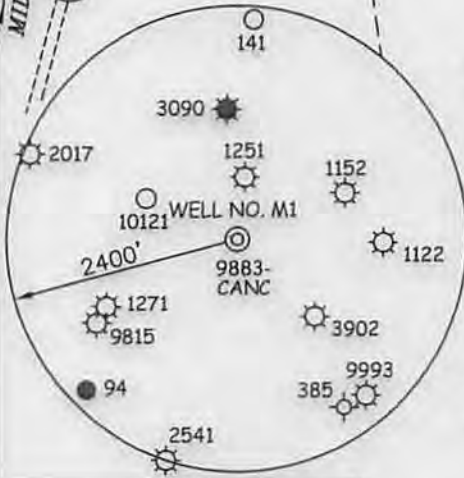
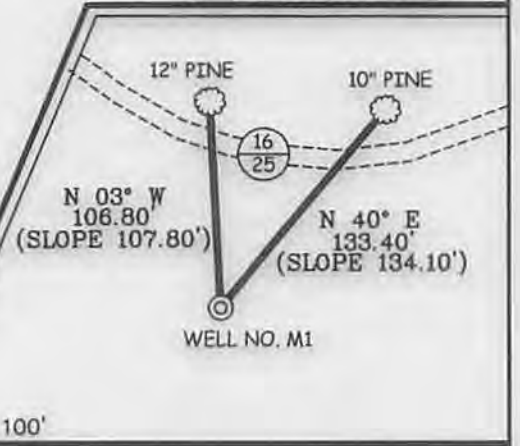
UTM (NAD '83)
 N. 4,321,338
 E. 494,861



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 04/21/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 283 PAGE 649.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2014.
5. WELL COORDINATES ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
6. WELL PLAT UPDATED TO SHOW CURRENT SURFACE OWNERS & WELL SPOT CIRCLE INFORMATION.

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 APRIL 28, 20 10
 UPDATED JULY 11, 20 14

OPERATORS WELL NO. M1
 API
 WELL NO. 47 - 85 - 10166
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7427P1R (300-49)
 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 1,178' WATERSHED LEATHERBARK CREEK
 DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND IV ACREAGE 102.25±
 ROYALTY OWNER ZEDIE GREGG, ET AL LEASE ACREAGE 77.25±
 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

10/17/2014

