

WELL NO. WV 513045
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 277,040.2
E. 1,592,387.7

LAT=(N) 39.251674
LONG=(W) 80.939402

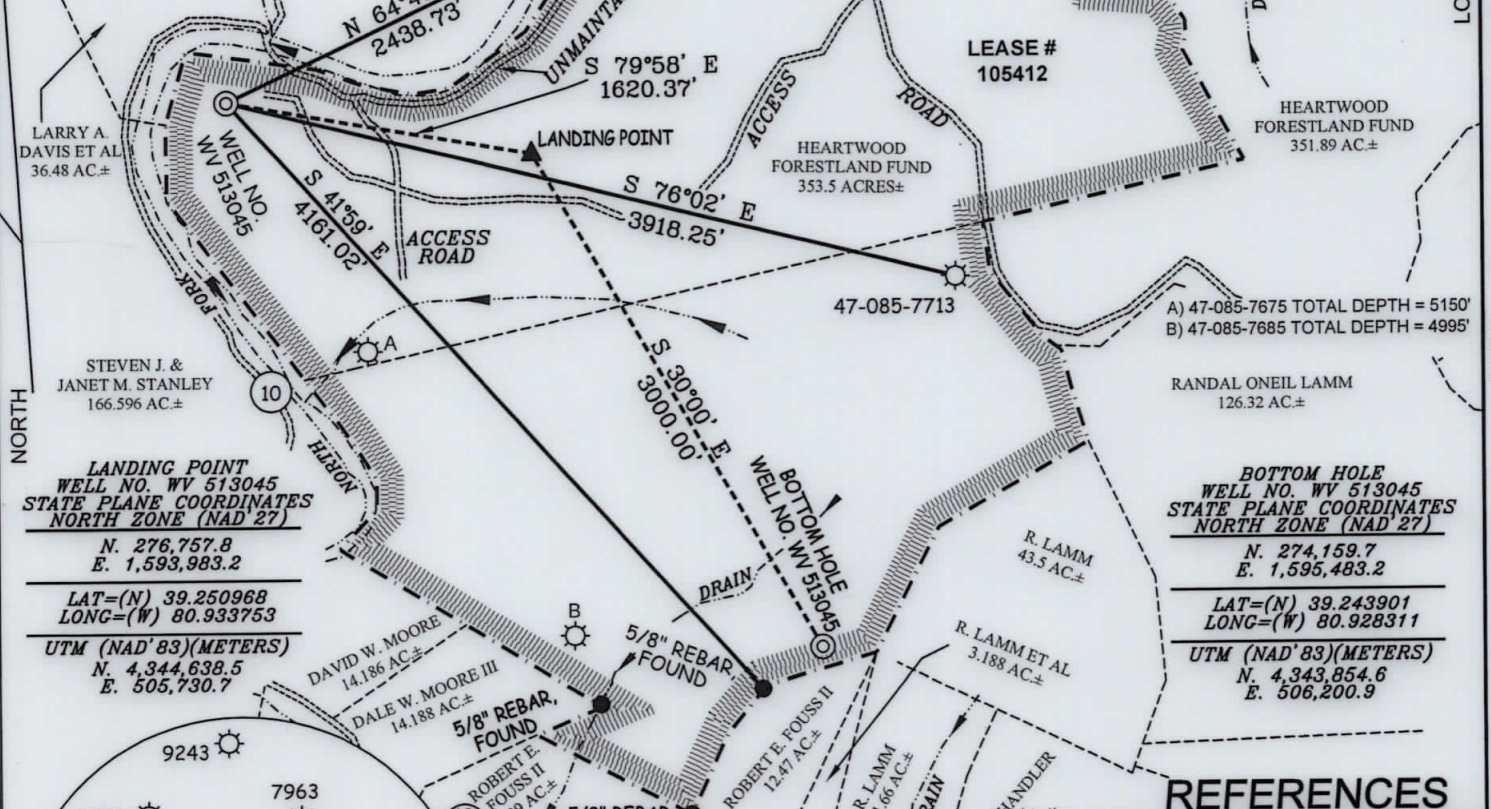
UTM (NAD'83)(METERS)
N. 4,344,716.4
E. 505,243.2

DONALD E. & BARBARA A.
DEEM
133.07 AC±

JERRY MORTON
243.5 AC±

BROADWATER LEASE 360 ACRES± WELL NO. 513045

LEASE #
105412



LARRY A.
DAVIS ET AL
36.48 AC±

STEVEN J. &
JANET M. STANLEY
166.596 AC±

LANDING POINT
WELL NO. WV 513045
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 276,757.8
E. 1,593,983.2

LAT=(N) 39.250968
LONG=(W) 80.933753

UTM (NAD'83)(METERS)
N. 4,344,638.5
E. 505,730.7

DAVID W. MOORE
14.186 AC±

DALE W. MOORE III
14.188 AC±

ROBERT E.
FOUSS II
6.39 AC±

ROBERT E. FOUSS II
12.47 AC±

47-085-7713

A) 47-085-7675 TOTAL DEPTH = 5150'
B) 47-085-7685 TOTAL DEPTH = 4995'

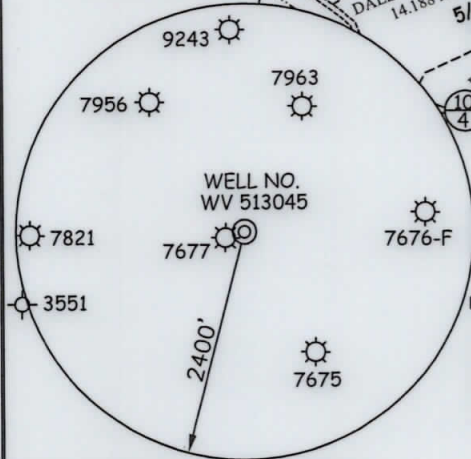
RANDAL ONEIL LAMM
126.32 AC±

BOTTOM HOLE
WELL NO. WV 513045
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 274,159.7
E. 1,595,483.2

LAT=(N) 39.243901
LONG=(W) 80.928311

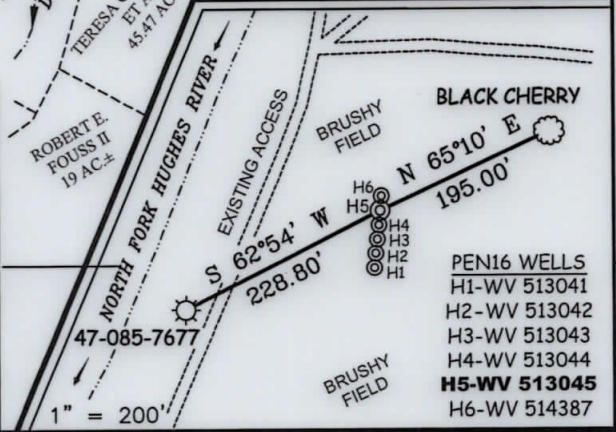
UTM (NAD'83)(METERS)
N. 4,343,854.6
E. 506,200.9



NOTES ON SURVEY

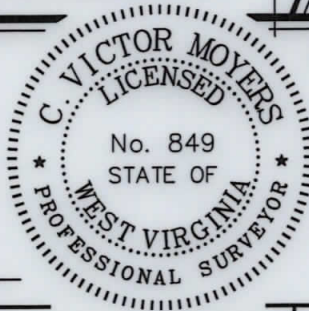
1. TIES TO WELLS, CORNERS & REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN DEED BOOK 197 PAGE 568.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2011.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK).
5. PLAT DATED 10/13/11 REVISED 7/06/12 TO SHOW NEW LANDING POINT & BOTTOM HOLE COORDINATES ETC.

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. 849 *C. Victor Moyers*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JULY 6, 20 12
OPERATORS WELL NO. WV 513045
API WELL NO. 47-085-09953
STATE 47 COUNTY 085 PERMIT 09953
Mad

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7566P513045AR3 (329-36)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) 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 788' (GROUND) 795' (PROPOSED) WATERSHED NORTH FORK HUGHES RIVER
DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

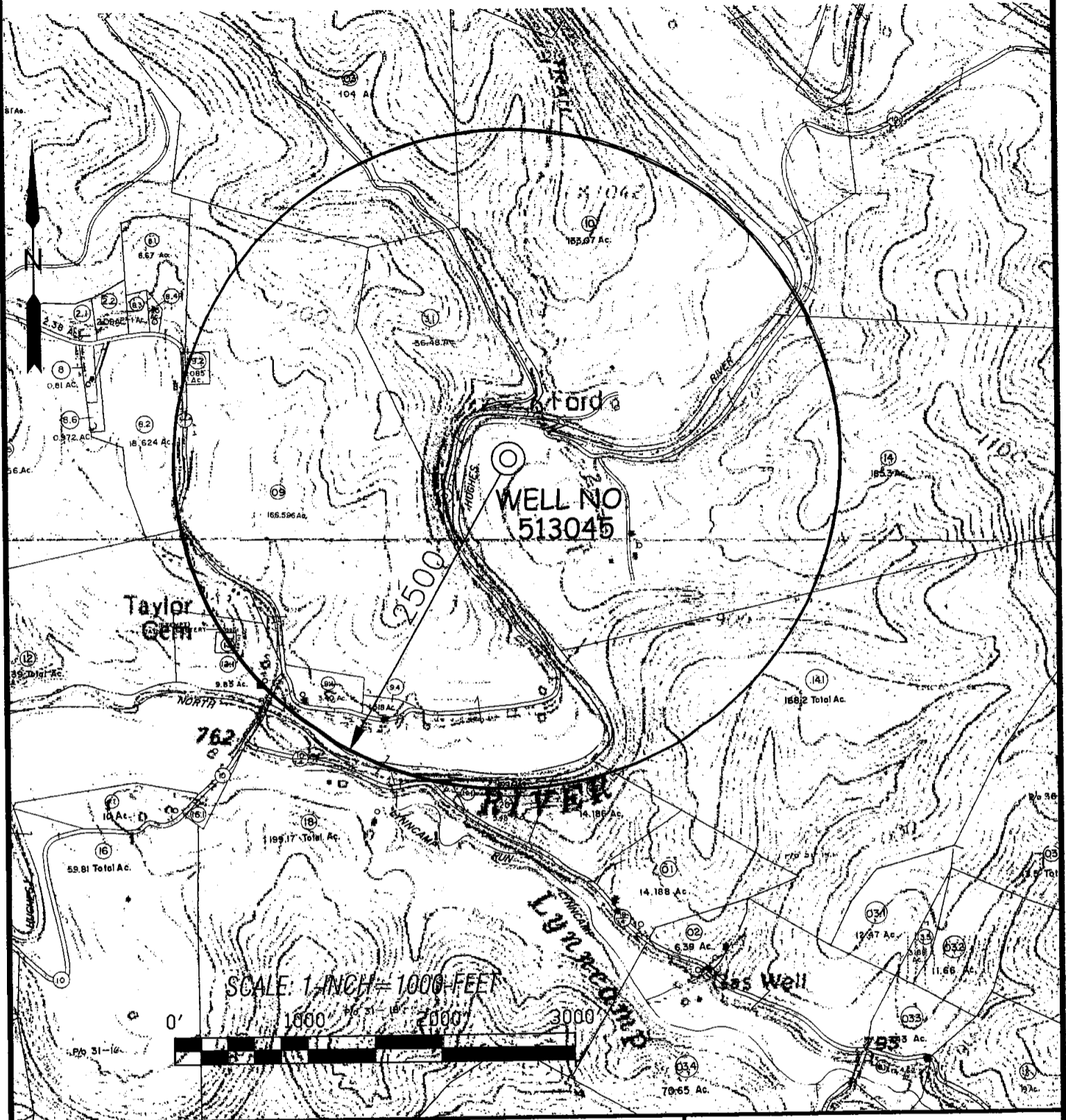
SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 353.5±
ROYALTY OWNER JEFFERSON BROADWATER HEIRS ET AL LEASE ACREAGE 360±
PROPOSED WORK: LEASE NO. 105412
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH _____

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME
PERMIT

BROADWATER LEASE WELL NO. 513045

85-099534



SLS
SMITH LAND SURVEYING, INC.
 P.O. BOX 150 GLENVILLE, WV. 26351
 PH: (304) 462-5634 FAX: (304) 462-5656 E-MAIL: sls@slssurveys.com

DRAWN BY J.L.B.	FILE NO. 7566	DATE 10-03-11	CADD FILE: 7566WSH5.DWG
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TOPO SECTION OF:
 PENNSBORO, WV 7.5' QUAD.

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
CLAY	RITCHIE	31-14

OPERATOR:
 EQT PRODUCTION COMPANY
 1710 PENNSYLVANIA AVE
 CHARLESTON, WV 25302