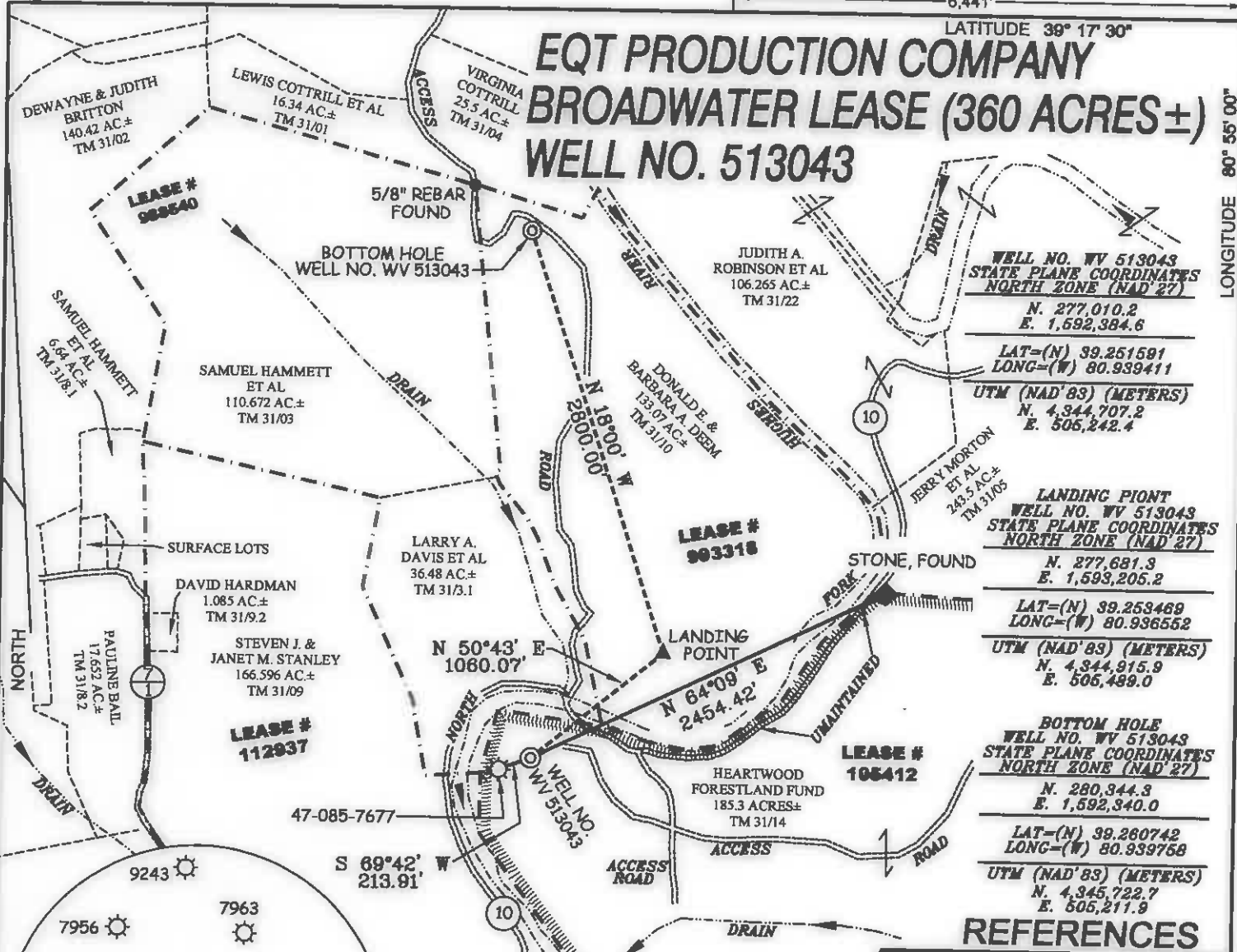
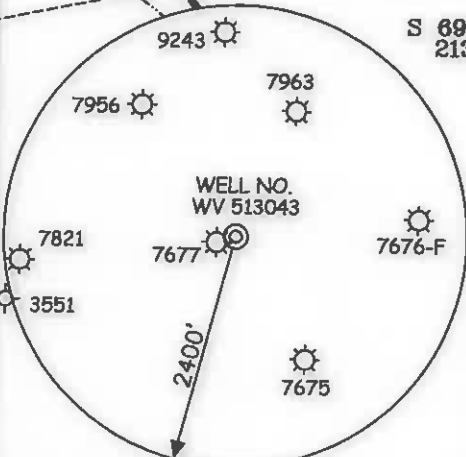


EQT PRODUCTION COMPANY BROADWATER LEASE (360 ACRES±) WELL NO. 513043

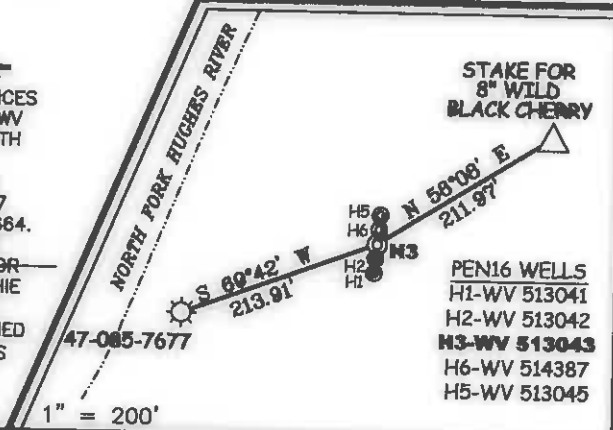


WELL NO. WV 513043 STATE PLANE COORDINATES NORTH ZONE (NAD '27)
N. 277,010.2 E. 1,592,384.6
LAT=(N) 39.251591 LONG=(W) 80.939411
UTM (NAD'83) (METERS)
N. 4,344,707.2 E. 505,242.4
LANDING POINT WELL NO. WV 513043 STATE PLANE COORDINATES NORTH ZONE (NAD '27)
N. 277,681.3 E. 1,593,205.2
LAT=(N) 39.253489 LONG=(W) 80.936552
UTM (NAD'83) (METERS)
N. 4,344,915.9 E. 505,489.0
BOTTOM HOLE WELL NO. WV 513043 STATE PLANE COORDINATES NORTH ZONE (NAD '27)
N. 280,344.3 E. 1,592,340.0
LAT=(N) 39.260742 LONG=(W) 80.939758
UTM (NAD'83) (METERS)
N. 4,345,722.7 E. 505,211.9



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 FROM DEED BOOK 197 PAGE 568 AND DEED BOOK 251 PAGE 664.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK).



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 JUNE 03, 20 13
OPERATORS WELL NO. WV 513043
API WELL NO. 47 - 85 - K0052 H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7566P513043R3 (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 793' (PAD ELEVATION) WATERSHED NORTH FORK HUGHES RIVER
DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 353.50±

ROYALTY OWNER JEFFERSON BROADWATER HEIRS ET AL (360 AC±), MIKE ROSS ET AL (133.07AC±), JOELYNN FAMILY PRESERVATION TRUST (140.48 AC ±)

PROPOSED WORK: LEASE NO. 105412 / 993318 / 988540
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

08/09/2013

WATER SAMPLES

BROADWATER LEASE WELL NO. 513043

page of



TOPO SECTION OF:
PENNSBORO, WV 7.5' QUAD.

OPERATOR:
EQT PRODUCTION COMPANY
115 PROFESSIONAL PLACE
P.O. BOX 280
BRIDGEPORT, WV 26330

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

DRAWN BY	FILE NO.	DATE	CADD FILE:
K.D.W.	7586	03-08-13	7586WSH3R.DWG

Received
Office of Oil & Gas

JUN 21 2013

08/09/2013