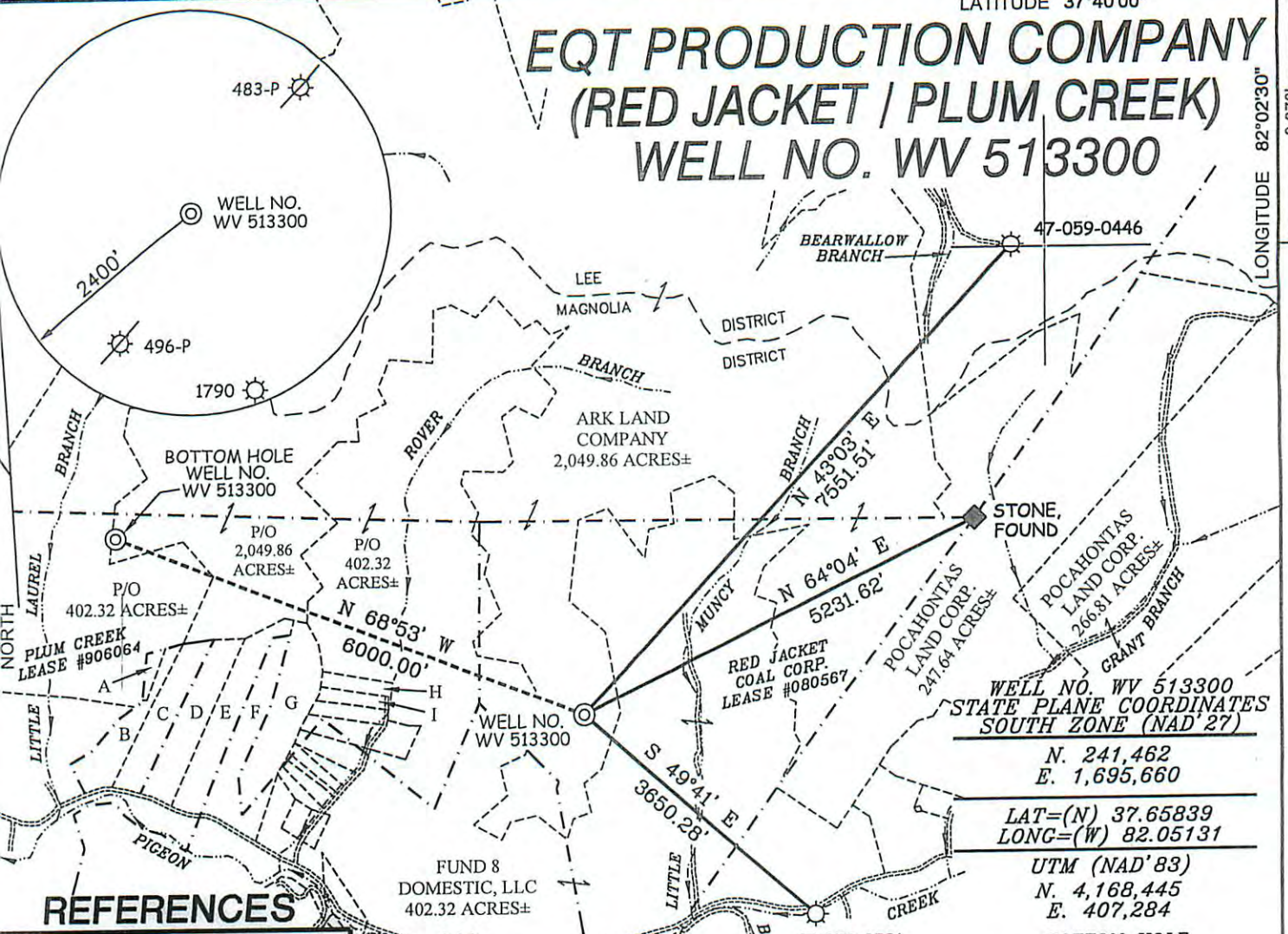
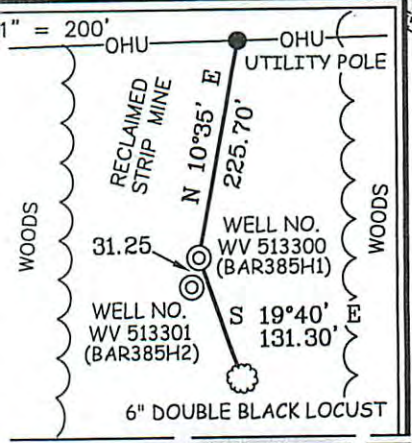


EQT PRODUCTION COMPANY (RED JACKET / PLUM CREEK) WELL NO. WV 513300



REFERENCES



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08/24/10.
3. LEASE BOUNDARY AS SHOWN TAKEN FROM PARTIAL RELEASE OF OIL & GAS LEASE BETWEEN COLUMBIAN FUEL CORP. AND RED JACKET COAL CORP., DATED 10/01/50, A RECENT SURVEY FOR POCAHONTAS LAND CORP. BY AUGUSTA LAND CONSULTANTS DATED JUNE, 1998 & POCAHONTAS LAND CORPORATION MAPPING, SHEET 5.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2010.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

WELL NO. WV 513300
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)

N. 241,462
E. 1,695,660

LAT=(N) 37.65839
LONG=(W) 82.05131

UTM (NAD'83)
N. 4,168,445
E. 407,284

BOTTOM HOLE
WELL NO. WV 513300
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)

N. 243,624
E. 1,690,063

LAT=(N) 37.66415
LONG=(W) 82.07073

UTM (NAD'83)
N. 4,169,103
E. 405,578

A	A. L. MAYNARD	1.75 AC±
B	F. HURLEY ET UX	14.80 AC±
C	J. HARMON ET AL	16.06 AC±
D	O. MAYNARD ET UX	16.14 AC±
E	L. D. CARTER ET UX	8.35 AC±
F	L. D. CARTER ET UX	18.06 AC±
G	H. L. MORRISON ET UX	8 AC±
H	M. MUSICK	3.33 AC±
I	B.J. MUSICK	3.33 AC±

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 30, 20 10
 OPERATORS WELL NO. WV 513300
 API WELL NO. 47-059-02175H
 STATE 47 COUNTY 059 PERMIT 02175H



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*

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3915P513300 (311-50)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

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 2,036' WATERSHED ROVER BRANCH & LITTLE MUNCY BRANCH OF PIGEON CREEK
 DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE BARNABUS 7.5'
 SURFACE OWNER ARK LAND COMPANY ACREAGE 2,049.86±
 ROYALTY OWNER PLUM CREEK TIMBERLANDS (4,982.72 AC.±) / PLUM CREEK TIMBERLANDS (2,142.75 AC.±)
 PROPOSED WORK: LEASE NO. 080567 / 906064
 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 LOWER HURON
 ESTIMATED DEPTH 5,700' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

11/16/2012

COUNTY NAME PERMIT