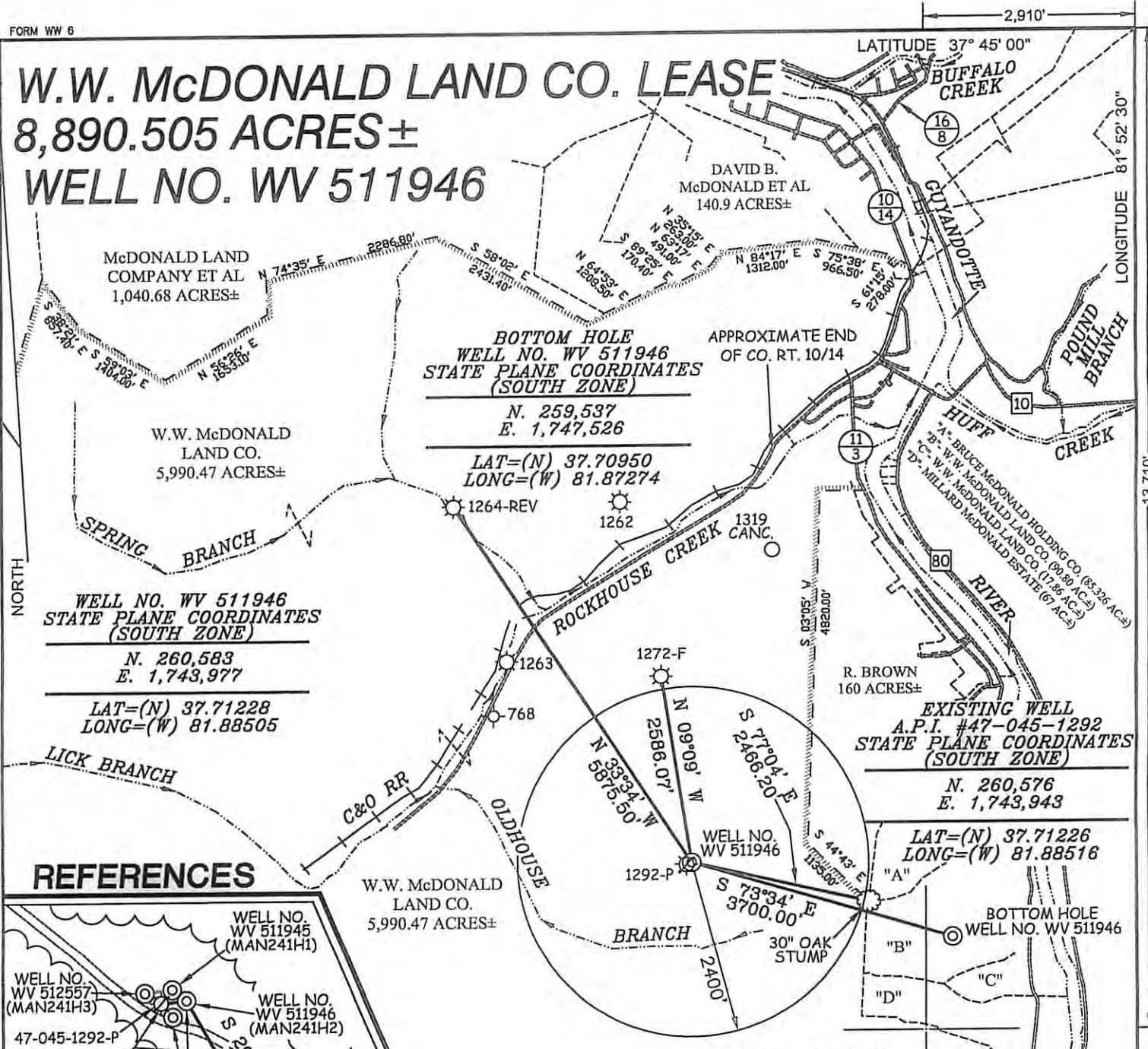


W.W. McDONALD LAND CO. LEASE

8,890.505 ACRES±

WELL NO. WV 511946



BOTTOM HOLE
WELL NO. WV 511946
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 259,537
 E. 1,747,526

LAT=(N) 37.70950
 LONG=(W) 81.87274

WELL NO. WV 511946
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 260,583
 E. 1,743,977

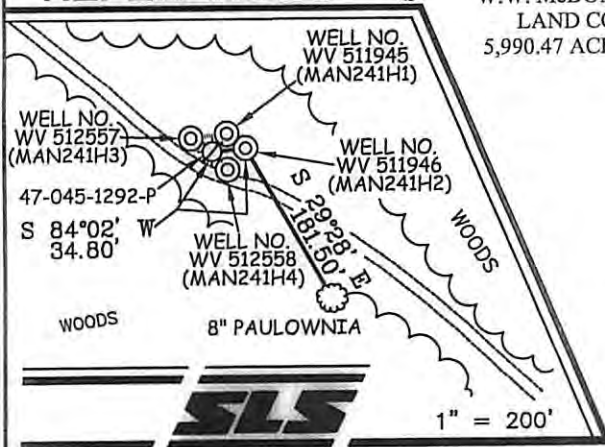
LAT=(N) 37.71228
 LONG=(W) 81.88505

EXISTING WELL
A.P.I. #47-045-1292
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 260,576
 E. 1,743,943

LAT=(N) 37.71226
 LONG=(W) 81.88516

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 04/17/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 39 PAGE 143.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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 MAY 27, 20 09
 OPERATORS WELL NO. WV 511946
 API WELL NO. 47-045-022834
 STATE CAN C E L L E D COUNTY LOGAN PERMIT CAN C E L L E D

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3850P511946 (276-40)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

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 1,700' WATERSHED OLDHOUSE BRANCH OF ROCKHOUSE CREEK
 DISTRICT TRIADELPHIA COUNTY LOGAN QUADRANGLE MAN 7.5'
 SURFACE OWNER W.W. McDONALD LAND COMPANY ACREAGE 5,990.47±
 ROYALTY OWNER W.W. McDONALD LAND COMPANY LEASE ACREAGE 8,890.505±
 PROPOSED WORK: LEASE NO. 080608
 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 5,400' (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

01/11/2013