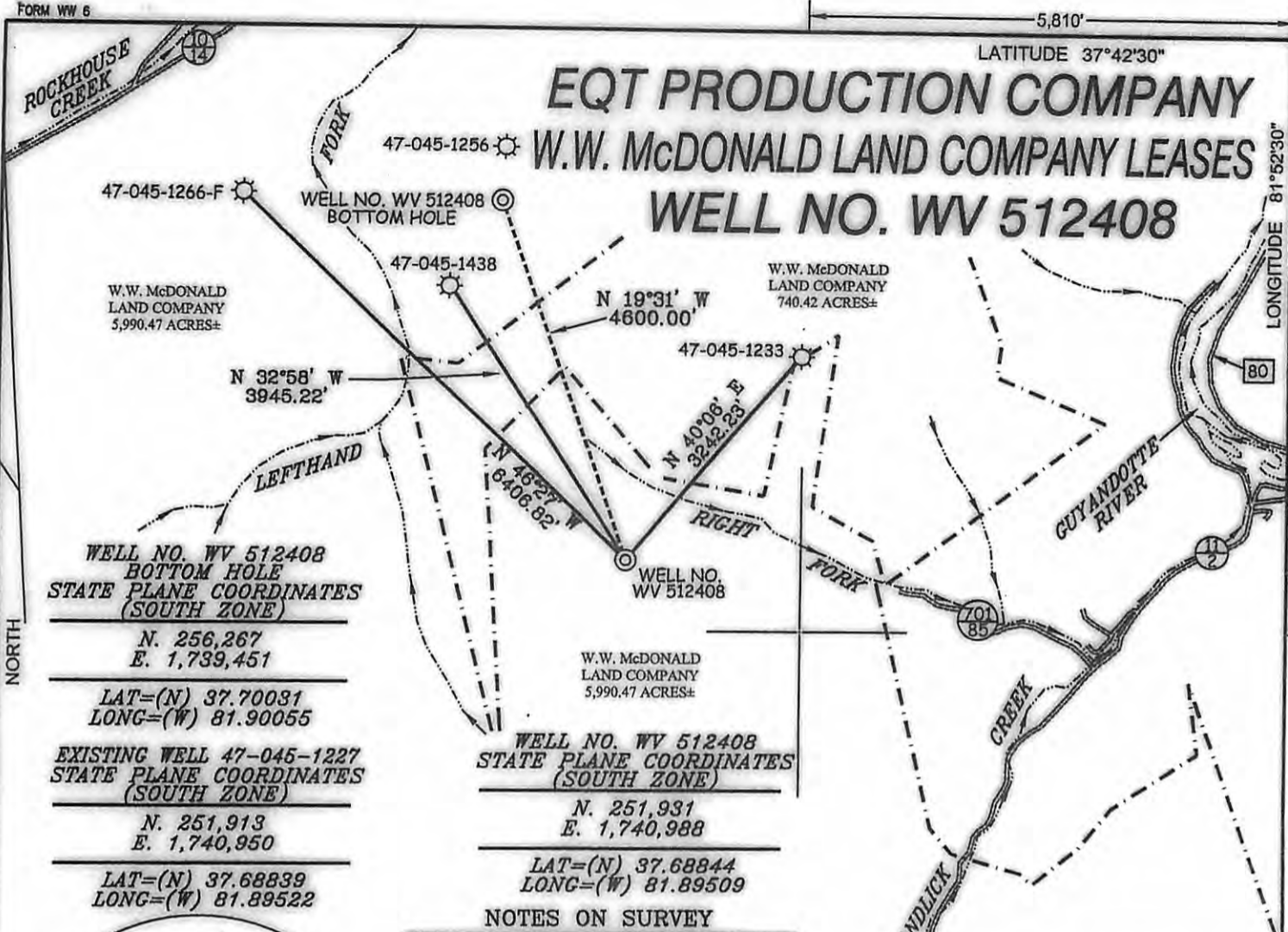


EQT PRODUCTION COMPANY W.W. McDONALD LAND COMPANY LEASES WELL NO. WV 512408



**WELL NO. WV 512408
BOTTOM HOLE
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 256,267
E. 1,739,451

LAT=(N) 37.70031
LONG=(W) 81.90055

**EXISTING WELL 47-045-1227
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 251,913
E. 1,740,950

LAT=(N) 37.68839
LONG=(W) 81.89522

**WELL NO. WV 512408
STATE PLANE COORDINATES
(SOUTH ZONE)**

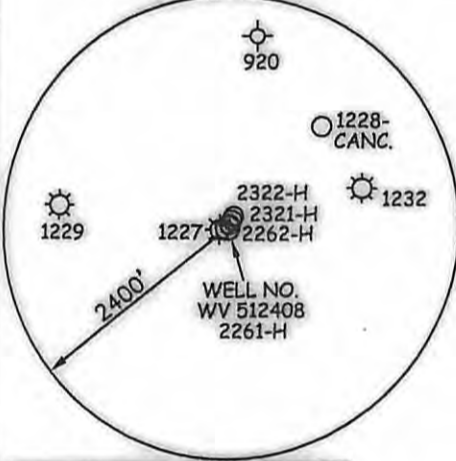
N. 251,931
E. 1,740,988

LAT=(N) 37.68844
LONG=(W) 81.89509

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 02/11/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED JANUARY 02, 1997 AS PREPARED BY SLS FOR A.P.I. NO. 47-045-1237.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN JANUARY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 05/08/09 REVISED 03/10/10 TO EXTEND HORIZONTAL LEG & CHANGE 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. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MARCH 10, 2010
OPERATORS WELL NO. WV 512408
API WELL NO. 47-045-02411H
STATE COUNTY PERMIT

CANCELLED

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3850P512408R (276-07)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1,432' WATERSHED RIGHT FORK OF SANDLICK CREEK
DISTRICT TRIADDELPHIA 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± & 1,537.52±
PROPOSED WORK: LEASE NO. 080608 & 300557
DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 5,180' (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

08/09/2013