

EQT PRODUCTION COMPANY WELL NO. WV 514209 CARR LEASE 351 AC±

WELL NO. WV 514209
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 318,151.5
E. 1,661,518.9

LAT=(N) 39.367322
LONG=(W) 80.697246

UTM (NAD'83)(METERS)
N. 4,357,593.0
E. 526,095.1

A- M. BERAM (9.57 AC±)
B- C.L. IRWIN (15.13 AC±)
C- C.L. IRWIN (8.05 AC±)

LANDING POINT
WELL NO. WV 514209
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 318,277.6
E. 1,663,234.8

LAT=(N) 39.367730
LONG=(W) 80.691183

UTM (NAD'83)(METERS)
N. 4,357,640.1
E. 526,617.3

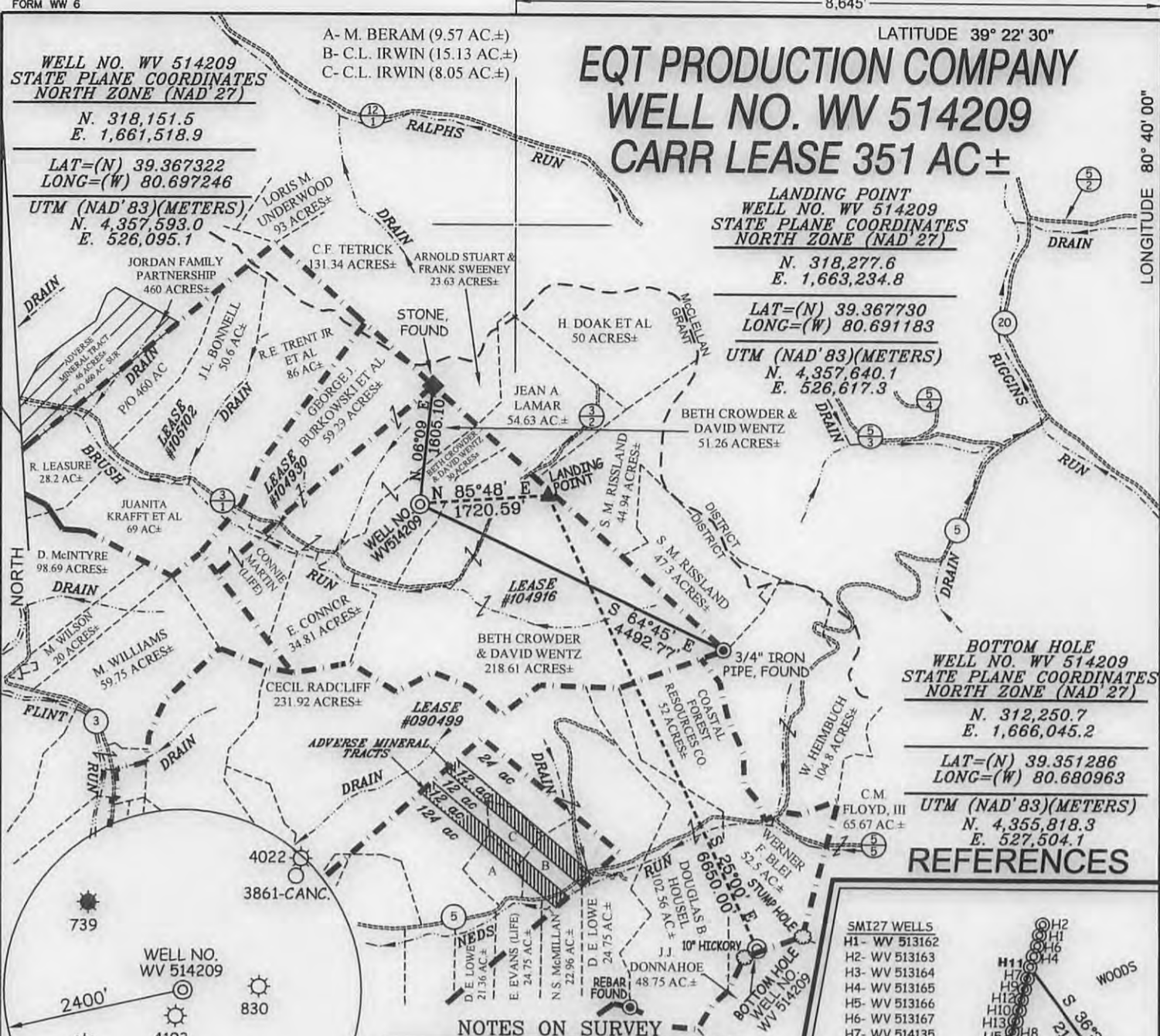
BOTTOM HOLE
WELL NO. WV 514209
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 312,250.7
E. 1,666,045.2

LAT=(N) 39.351286
LONG=(W) 80.680963

UTM (NAD'83)(METERS)
N. 4,355,818.3
E. 527,504.1

REFERENCES



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 185 PAGE 459 & DEED BOOK 29 PAGE 255.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2011.
4. WELL LAT./LONG. (NAD'27 ESTABLISHED BY DGPS (SURVEY GRADE).
5. ORIGINAL PLAT DATED 07/26/2011 AND REVISED 08/02/2011, REVISED 1/28/13 TO CHANGE ADDRESS, REFERENCE DETAIL AND LATERAL LENGTH, ETC.



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 OCTOBER 12, 20 11
 REVISED DATE JANUARY 28, 20 13
 OPERATORS WELL NO. WV 514209
 API WELL NO. 47-017-06061H
 STATE MD COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7584P514209RF2 (350-57)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

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

LOCATION: ELEVATION 1,197' (GROUND) / 1,179' (PROPOSED) WATERSHED BRUSH RUN
 DISTRICT GRANT COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'
 SURFACE OWNER BETH CROWDER & DAVID WENTZ ACREAGE 30±
 ROYALTY OWNER PATTY J. & R. KEITH CRIHFIELD (351 AC±) / NEVA RITTER ET AL (907 AC±)
 PROPOSED WORK: LEASE NO. 104916 / 090499
 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

08/09/2013