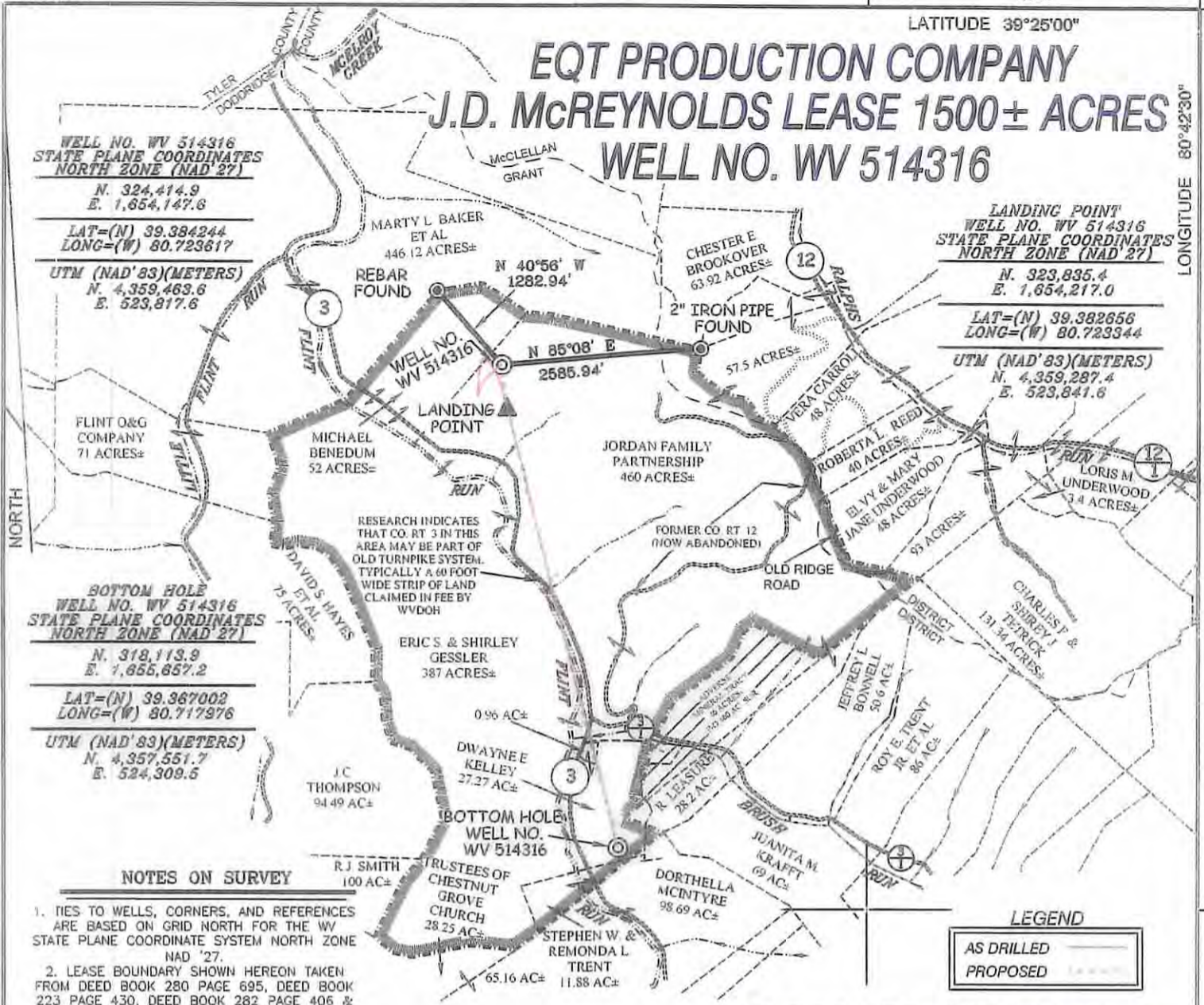


LATITUDE 39°25'00"  
LONGITUDE 80°42'30"

# EQT PRODUCTION COMPANY J.D. McREYNOLDS LEASE 1500± ACRES WELL NO. WV 514316



**WELL NO. WV 514316  
STATE PLANE COORDINATES  
NORTH ZONE (NAD 27)**  
N. 324,414.9  
E. 1,654,147.6

LAT=(N) 39.384244  
LONG=(W) 80.723617

**UTM (NAD'83)(METERS)**  
N. 4,359,463.6  
E. 523,817.6

**LANDING POINT  
WELL NO. WV 514316  
STATE PLANE COORDINATES  
NORTH ZONE (NAD 27)**  
N. 323,835.4  
E. 1,654,217.0

LAT=(N) 39.382656  
LONG=(W) 80.723344

**UTM (NAD'83)(METERS)**  
N. 4,359,297.4  
E. 523,841.6

**BOTTOM HOLE  
WELL NO. WV 514316  
STATE PLANE COORDINATES  
NORTH ZONE (NAD 27)**  
N. 318,113.9  
E. 1,655,857.2

LAT=(N) 39.367002  
LONG=(W) 80.717976

**UTM (NAD'83)(METERS)**  
N. 4,357,551.7  
E. 524,309.5

**NOTES ON SURVEY**

1. TIES TO WELLS, CORNERS, AND 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 280 PAGE 695, DEED BOOK 223 PAGE 430, DEED BOOK 282 PAGE 406 & DEED BOOK 175 PAGE 633.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK).
5. PLAT UPDATED ON 01/27/14 TO SHOW THE AS DRILLED PATH COORDINATES FROM INFORMATION PROVIDED BY EQT ON 01/21/14.

**LEGEND**

AS DRILLED

PROPOSED

**AS DRILLED INFORMATION**

<p><b>BOTTOM HOLE WELL NO. WV 514316 STATE PLANE COORDINATES NORTH ZONE (NAD 27)</b> N. 318,114.6 E. 1,655,851.7</p> <p>LAT=(N) 39.367004 LONG=(W) 80.717994</p> <p><b>UTM (NAD'83)(METERS)</b> N. 4,357,551.9 E. 524,307.8</p>	<p><b>WELL NO. WV 514316 STATE PLANE COORDINATES NORTH ZONE (NAD 27)</b> N. 324,414.9 E. 1,654,147.6</p> <p>LAT=(N) 39.384244 LONG=(W) 80.723617</p> <p><b>UTM (NAD'83)(METERS)</b> N. 4,359,463.6 E. 523,817.6</p>
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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 15, 20 13

REVISED DATE JANUARY 27, 20 14

OPERATORS WELL NO. WV 514316

API WELL NO. 47-017-06248

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK)

FILE NO. 7749ASDRILLED514316

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 1,130' (GROUND) 1,111' (PROPOSED) WATERSHED FLINT RUN OF McELROY CREEK

DISTRICT GRANT COUNTY DODDRIDGE QUADRANGLE CENTER POINT 7.5'

SURFACE OWNER JORDAN FAMILY PARTNERSHIP ACREAGE 460±

ROYALTY OWNER J.D. McREYNOLDS HEIRS/ASSIGNS ACREAGE RECEIVED 10/31/2014

PROPOSED WORK: LEASE NO. Office of Oil and Gas

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND RE-PLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS

ESTIMATED DEPTH WV Department of Environmental Protection

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