

EQT PRODUCTION COMPANY J.D. McREYNOLDS LEASE 1500± ACRES WELL NO. WV 514320

WELL NO. WV 514320
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 324,473.2
E. 1,654,133.6

LAT=(N) 39.384404
LONG=(W) 80.723670

UTM (NAD'83)(METERS)
N. 4,359,481.3
E. 523,813.0

LANDING POINT
WELL NO. WV 514320
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 324,218.3
E. 1,655,697.9

LAT=(N) 39.383762
LONG=(W) 80.718123

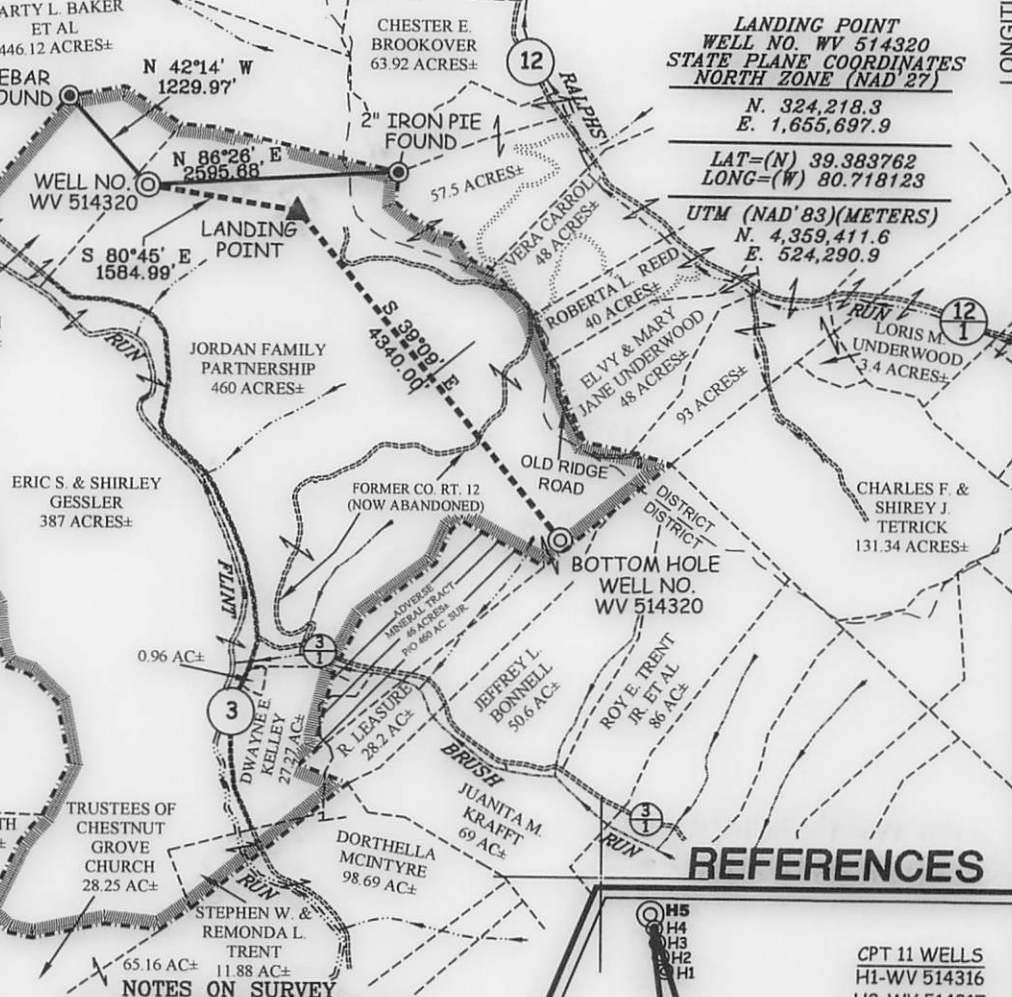
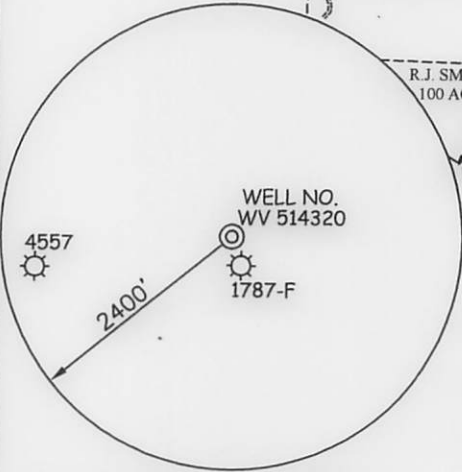
UTM (NAD'83)(METERS)
N. 4,359,411.6
E. 524,290.9

BOTTOM HOLE
WELL NO. WV 514320
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 320,852.6
E. 1,658,437.9

LAT=(N) 39.374624
LONG=(W) 80.708271

UTM (NAD'83)(METERS)
N. 4,358,400.2
E. 525,142.7



REFERENCES

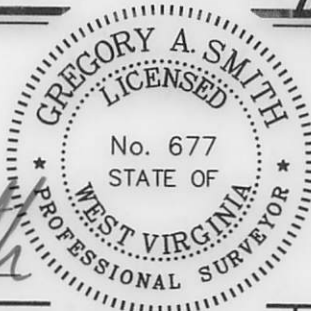
- CPT 11 WELLS
- H1-WV 514316
- H2-WV 514317
- H3-WV 514318
- H4-WV 514319
- H5-WV 514320

- #### 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).



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
 OPERATORS WELL NO. WV 514320
 API WELL NO. 47-17-6252
 STATE COUNTY PERMIT
H6A

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7749P514320
 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



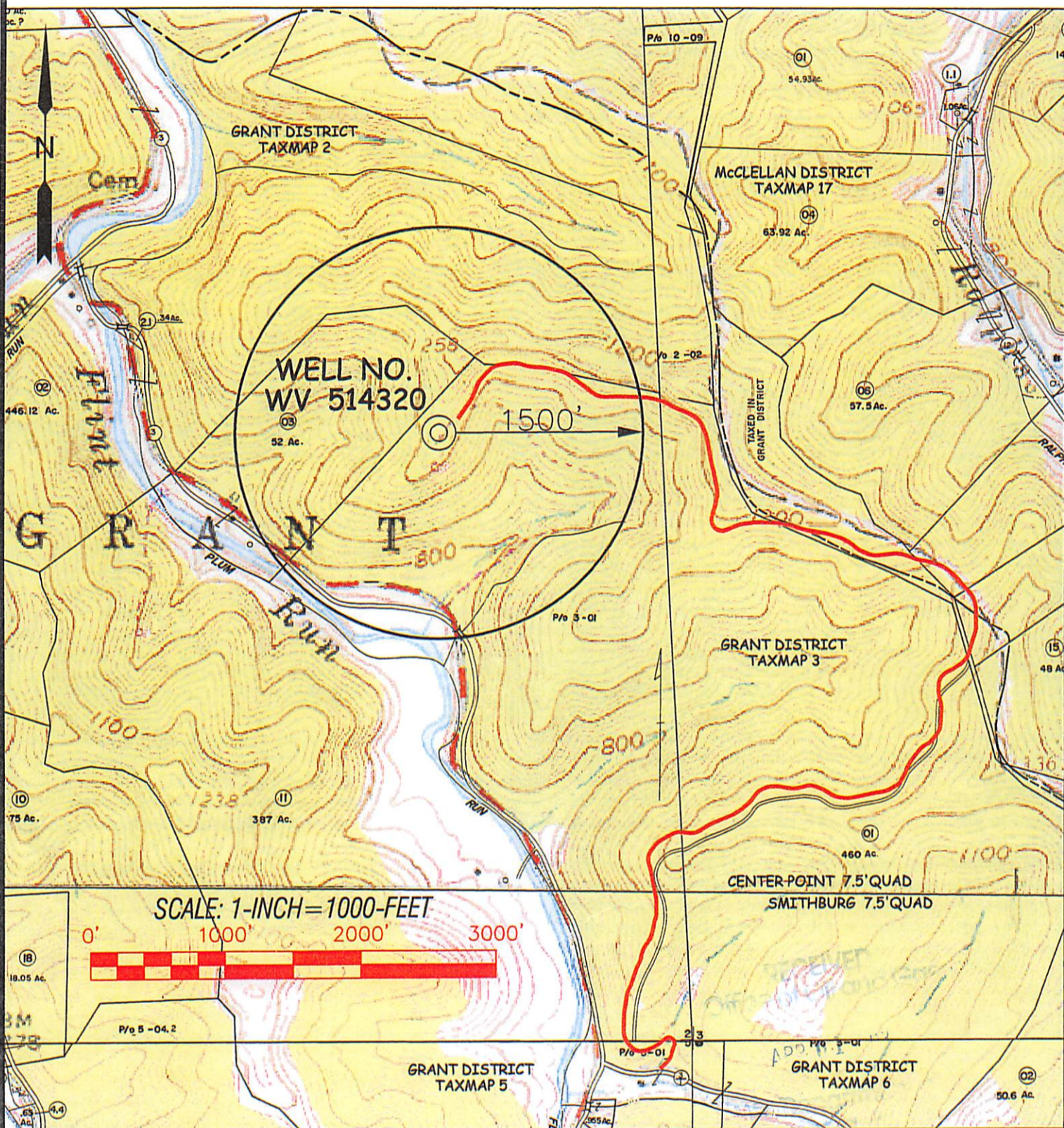
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW


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 1500±
 PROPOSED WORK: LEASE NO. 090500
 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
 DATE 07/12/2013

COUNTY NAME PERMIT

J.D. McREYNOLDS LEASE WELL NO. WV 514320



 <p>Professional Energy Consultants A DIVISION OF SHELLLAND SERVICES</p> <p>SURVEYORS PRODUCTION RIGHTS</p> <p>ENGINEERS ENVIRONMENTAL</p> <p>223 Third Union St. P.O. Box 113 Grafton, WV 26330 (304) 462-8833</p> <p>16023 Dobra Bottom Road Shadesboro, NC 27587 (704) 571-3911</p>	TOPO SECTION OF: CENTER POINT, WV 7.5' QUAD.			OPERATOR: EQT PRODUCTION COMPANY 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330				
	<table border="1"> <tr> <th>COUNTY</th> <th>DISTRICT</th> <th>TAX MAP-PARCEL NO.</th> </tr> <tr> <td>DODDRIDGE</td> <td>GRANT</td> <td>3 - 01</td> </tr> </table>	COUNTY	DISTRICT		TAX MAP-PARCEL NO.	DODDRIDGE	GRANT	3 - 01
COUNTY	DISTRICT	TAX MAP-PARCEL NO.						
DODDRIDGE	GRANT	3 - 01						

17-06252 H6A **514320**
ANTERO RESOURCES
 PAD NAME: CPT 11