

4701706248

LATITUDE 39°25'00"

4,320'

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

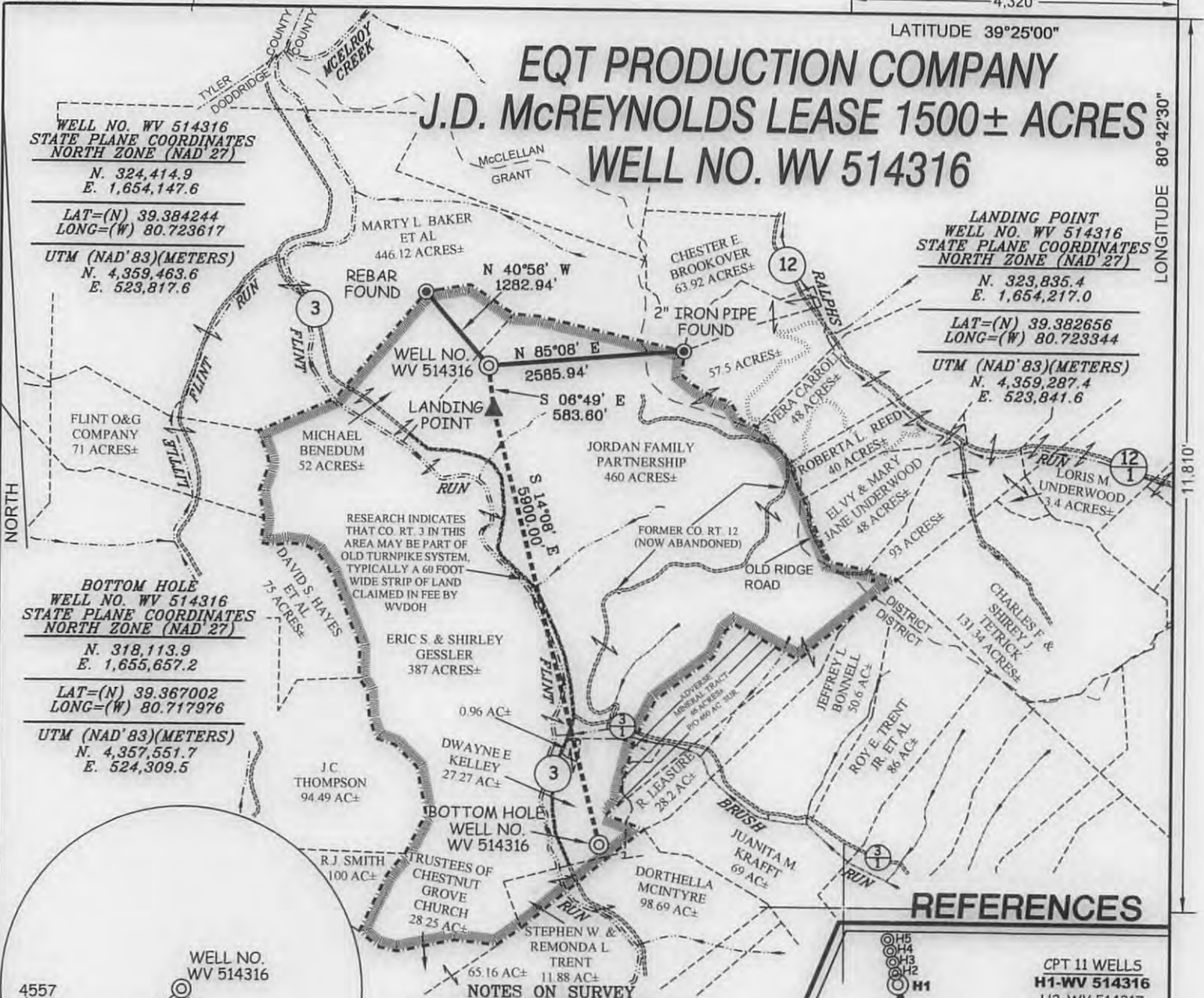
LANDING POINT  
WELL NO. WV 514316  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 323,835.4  
E. 1,654,217.0

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

UTM (NAD'83)(METERS)

N. 4,359,287.4  
E. 523,841.6



BOTTOM HOLE  
WELL NO. WV 514316  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 318,113.9  
E. 1,655,657.2

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

UTM (NAD'83)(METERS)

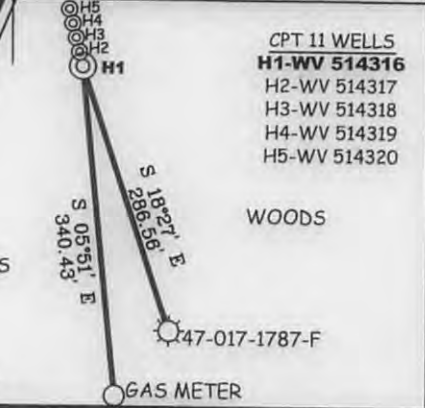
N. 4,357,551.7  
E. 524,309.5



## REFERENCES

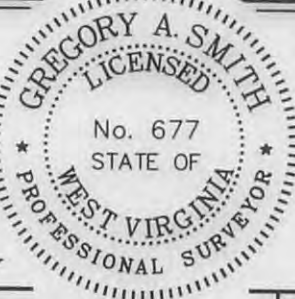
- CPT 11 WELLS
- H1-WV 514316
- H2-WV 514317
- H3-WV 514318
- H4-WV 514319
- H5-WV 514320

- 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 514316


API WELL NO. 47-017-06248

STATE            COUNTY            PERMIT           

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7749P514316R

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 BRIDGEPORT, WV 26330 P.O. BOX 280

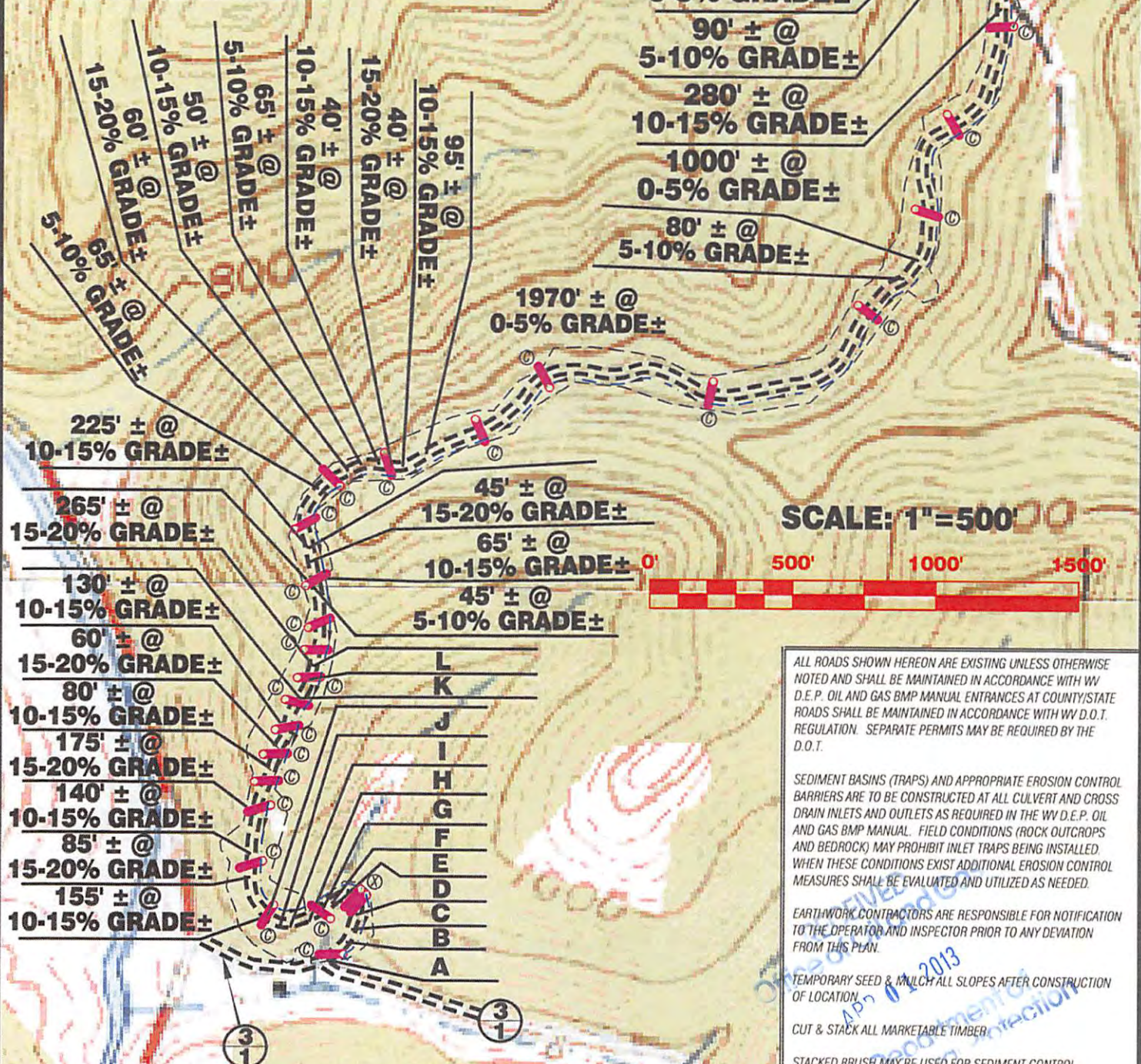
ADDRESS 115 PROFESSIONAL PLACE BRIDGEPORT, WV 26330 P.O. BOX 280

07/05/2013

COUNTY NAME  
PERMIT

# J.D. McREYNOLDS LEASE WELL NO. WV 514316

	DISTANCE	GRADE
A	95'±	5-10 %
B	50'±	10-15 %
C	60'±	15-20 %
D	90'±	0-5 %
E	60'±	15-20 %
F	40'±	10-15 %
G	60'±	15-20 %
H	50'±	10-15 %
I	40'±	5-10 %
J	50'±	15-20 %
K	75'±	15-20 %
L	50'±	10-15 %



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES)

- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = PROPOSED LIMITS OF DISTURBANCE

**Professional Energy Consultants**  
A DIVISION OF SMITH LAND SURVEYING

SURVEYORS PROJECT MGMT. **SLS** ENGINEERS ENVIRONMENTAL

238 West Union St. P.O. Box 130 Glenville, WV 26031 (304) 462-9534

56065 Diller Bottom Road Shady Side, OH 43047 (740) 571-9511

HONESTY. INTEGRITY. QUALITY.

DRAWN BY K.D.W.	FILE NO. 7749	DATE 03/27/13	CADD FILE: 7749RECS14316R2.DWG
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