

# EQT PRODUCTION CO. LEWIS MAXWELL LEASE 640 ACRES± WELL NO. WV 513343

LATITUDE 39° 17' 30"

### 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 167 PAGE 631 & DEED BOOK 143 PAGE 277.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2013.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE TIES TO CORS NETWORK).
5. PLAT DATED 10/22/12 REVISED 07/02/13 TO SHOW NEW BOTTOM HOLE COORDINATES, 08/02/13 TO SHOW 500' SPACING FROM LATERAL, REVISED 11/01/13 TO ADD ADDITIONAL NOTES AND APPROXIMATE LOCATION OF DODDRIDGE COUNTY MIDDLE SCHOOL BASED ON IMAGERY FROM WVGIS & REVISED 11/06/13 TO SHOW ADDITIONAL WELLS ON LEASE ETC.
6. NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 SQUARE FEET) OR DWELLINGS WERE FOUND WITHIN 625 FEET OF CENTER OF PROPOSED WELL PAD.

LONGITUDE 80° 45' 00"

WELL NO. WV 513343  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 290,290.7  
E. 1,645,140.6

LAT=(N) 39.290221  
LONG=(W) 80.753795

UTM (NAD'83)(METERS)  
N. 4,349,021.7  
E. 521,246.9

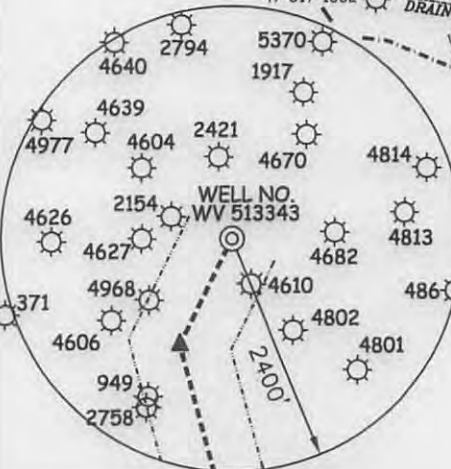
LANDING POINT  
WELL NO. WV 513343  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 289,206.6  
E. 1,644,596.4

LAT=(N) 39.287224  
LONG=(W) 80.755664

UTM (NAD'83)(METERS)  
N. 4,348,688.7  
E. 521,086.6

NORTH



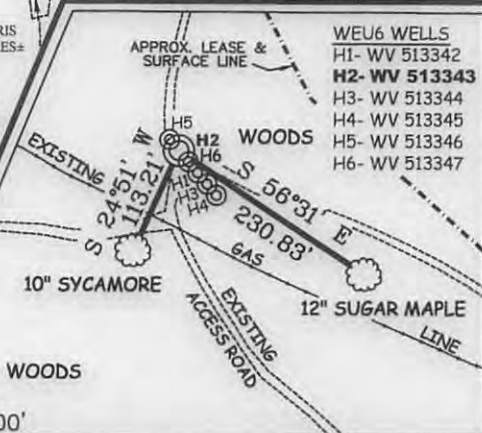
BOTTOM HOLE  
WELL NO. WV 513343  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 282,136.0  
E. 1,646,491.0

LAT=(N) 39.267885  
LONG=(W) 80.748624

UTM (NAD'83)(METERS)  
N. 4,346,544.3  
E. 521,699.8

### 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 NOVEMBER 6, 20 13

OPERATORS WELL NO. WV 513343

API WELL NO. 47-017-06323 H6A  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7831P513343R3 (390-47)  
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIES 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 1,266 (GROUND) 1,261' (PROPOSED) WATERSHED BLUESTONE CREEK & MIDDLE ISLAND CREEK  
DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'

SURFACE OWNER FRANKLIN BUTLER & KEY OIL COMPANY ACREAGE 86.09±  
ROYALTY OWNER LEWIS MAXWELL HEIRS ACREAGE 640±  
PROPOSED WORK: LEASE NO. 080620

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 \_\_\_\_\_

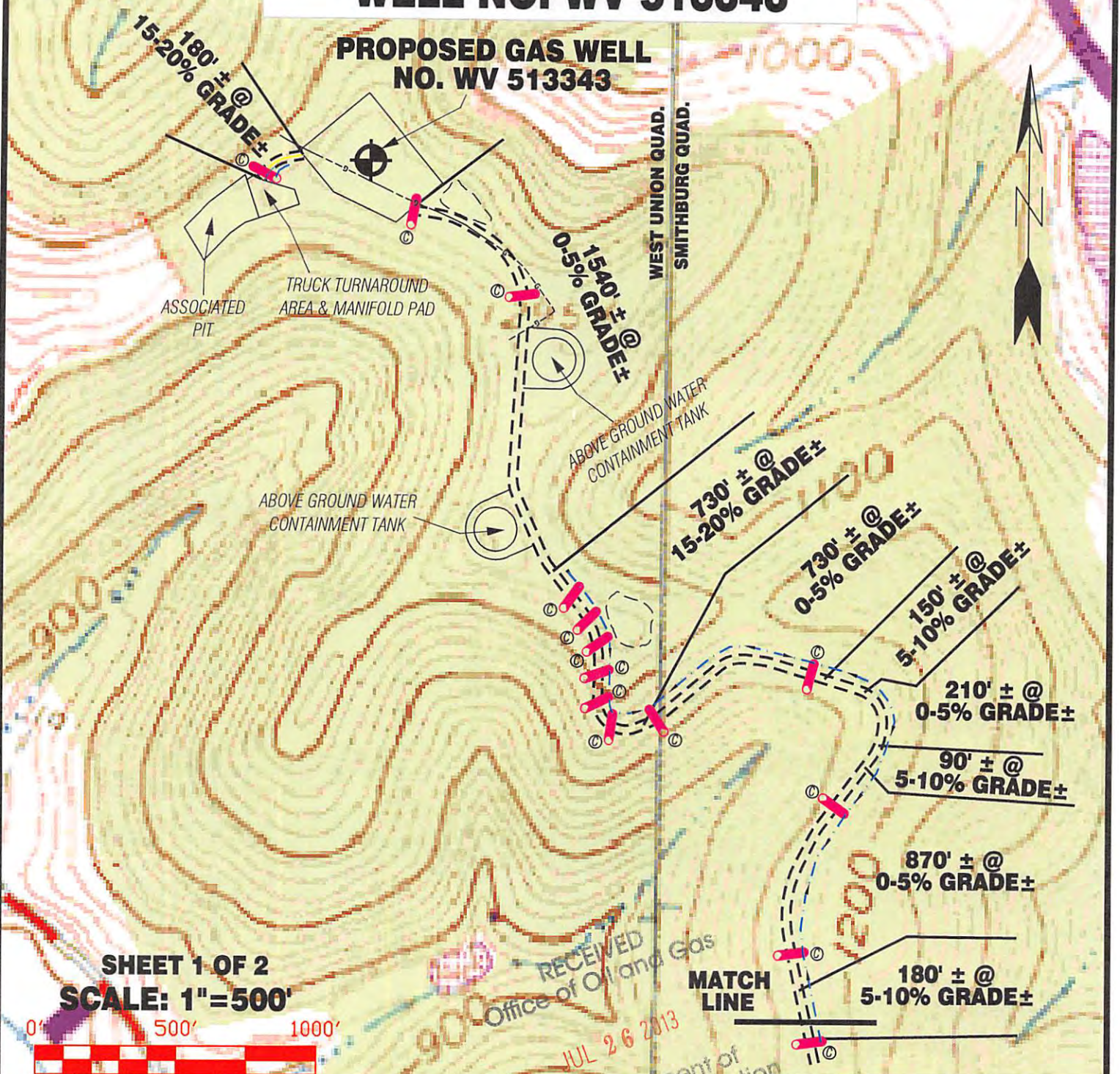
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

1/15/2013

COUNTY NAME PERMIT

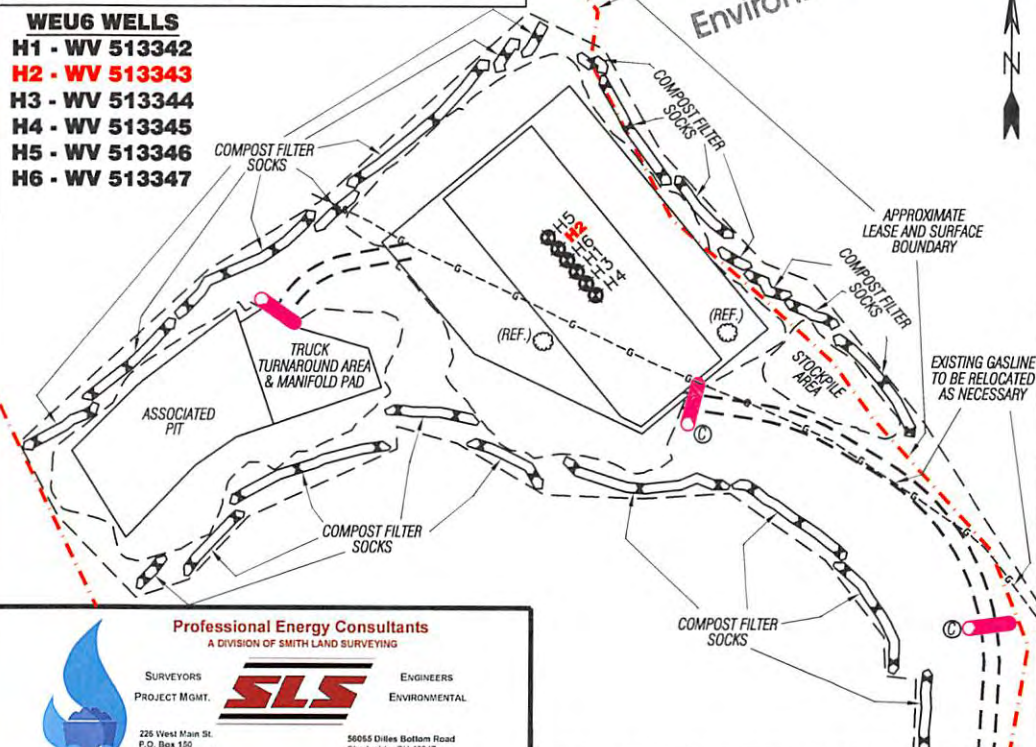
# EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE WELL NO. WV 513343

**PROPOSED GAS WELL  
NO. WV 513343**



Detail Sketch for Proposed Well No. WV 513343

- WEUG WELLS**  
**H1 - WV 513342**  
**H2 - WV 513343**  
**H3 - WV 513344**  
**H4 - WV 513345**  
**H5 - WV 513346**  
**H6 - WV 513347**



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  
 APPROXIMATE LIMITS OF DISTURBANCE

TOPO SECTION OF WEST UNION 7.5' USGS TOPO QUADRANGLE

11/15/2013



**Professional Energy Consultants**  
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 ENVIRONMENTAL

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 Shady Side, OH 43047  
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HONESTY, INTEGRITY, QUALITY

DRAWN BY: K.D.W. FILE NO.: 7831 DATE: 07/16/13 CADD FILE: 7831REC/W513343R2.DWG