

EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE 2654 ACRES± WELL NO. WV 513138

LONGITUDE 80°45'00"

RUSSELL NELSON ET AL
30.08 ACRES±
47-017-2656
FREDDIE CLAY ET AL
30 ACRES±
MARY FARR SECRIST
829.75 ACRES±
TM 20-14
LEASE# 080616

LEASE# 080616

LANDING POINT
WELL NO. WV 513138
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27
N. 268,457.1
E. 1,635,023.3

BOTTOM HOLE
WELL NO. WV 513138
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27
N. 274,746.8
E. 1,632,090.3

LAT=(N) 39.229887
LONG=(W) 80.788430
UTM (NAD83)(METERS)
N. 4,342,318.6
E. 518,275.7

LAT=(N) 39.247039
LONG=(W) 80.799104
UTM (NAD83)(METERS)
N. 4,344,219.9
E. 517,350.2

WELL NO. WV 513138
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27
N. 267,950.5
E. 1,635,237.6

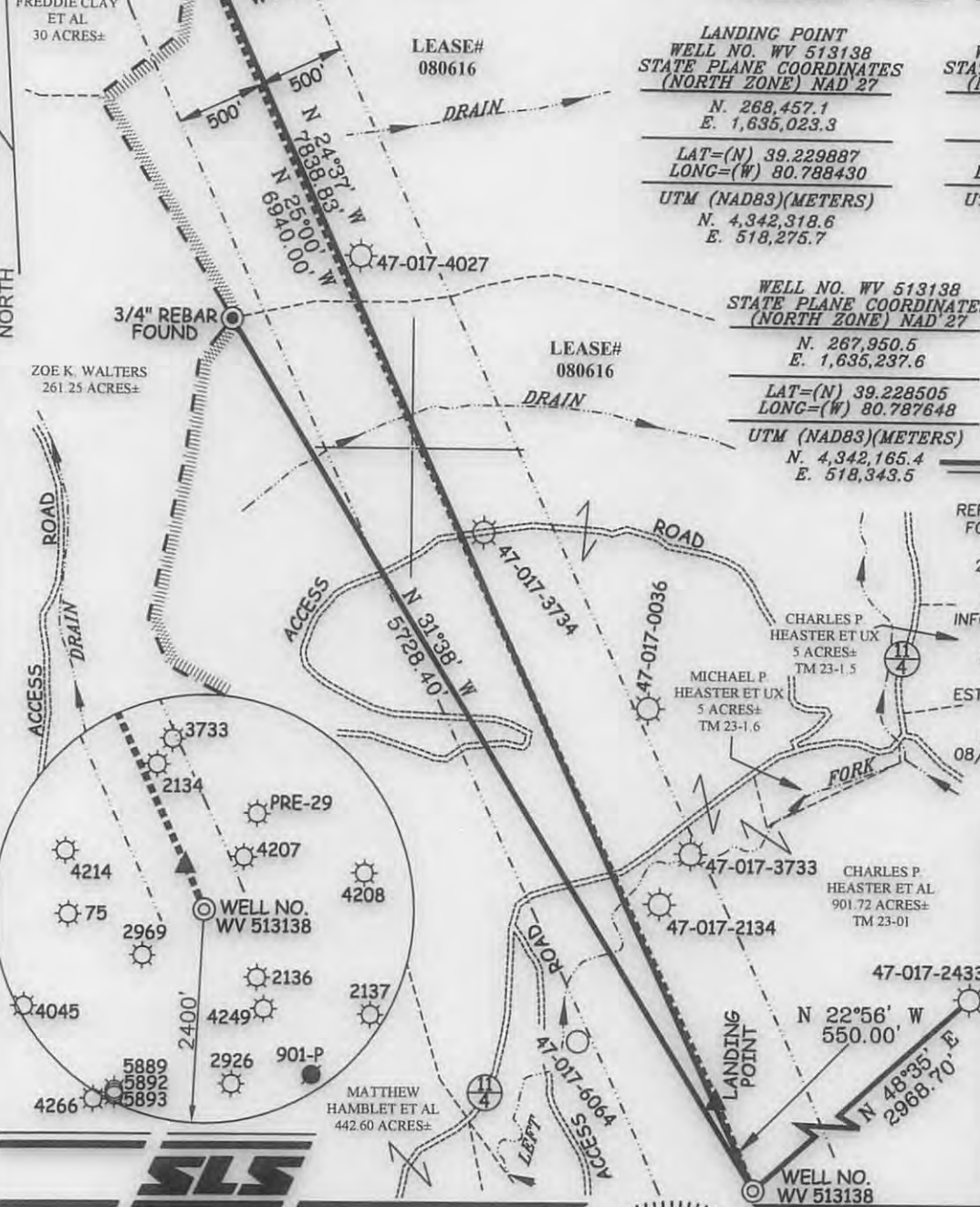
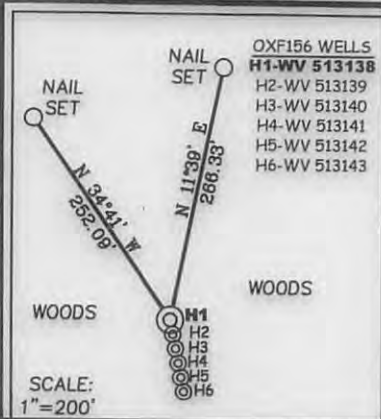
LAT=(N) 39.228505
LONG=(W) 80.787648
UTM (NAD83)(METERS)
N. 4,342,165.4
E. 518,343.5

ESTATE OF MARY H. HOLLAND
1207.637 ACRES±

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 DB 28 PG 177.
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 TIE TO CORS NETWORK).
5. PLAT DATED 07/15/13 REVISED 08/01/13 TO SHOW 500' SPACING FROM PROPOSED LATERAL ETC.

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 AUGUST 1, 20 13
OPERATORS WELL NO. WV 513138
API WELL NO. 47-017-06326H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6980P513138R
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

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

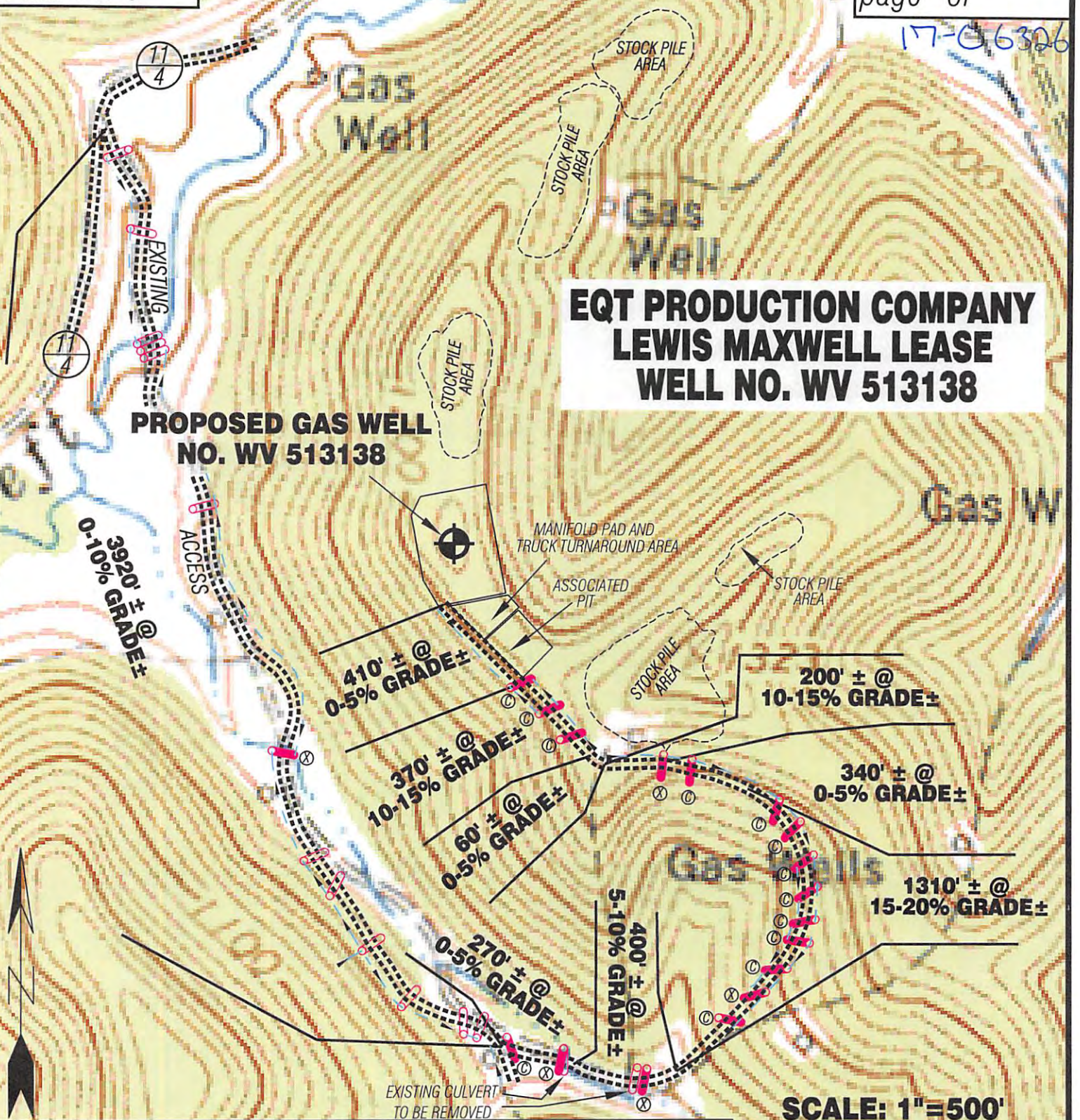
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,244'(GROUND) 1,202'(PROPOSED) WATERSHED LEFT FORK ARNOLDS CREEK
DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
SURFACE OWNER CHARLES P. HEASTER ET AL ACREAGE 901.72 ±
ROYALTY OWNER LEWIS MAXWELL HRS ACREAGE 2654 ±
PROPOSED WORK: LEASE NO. 080616
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 _____

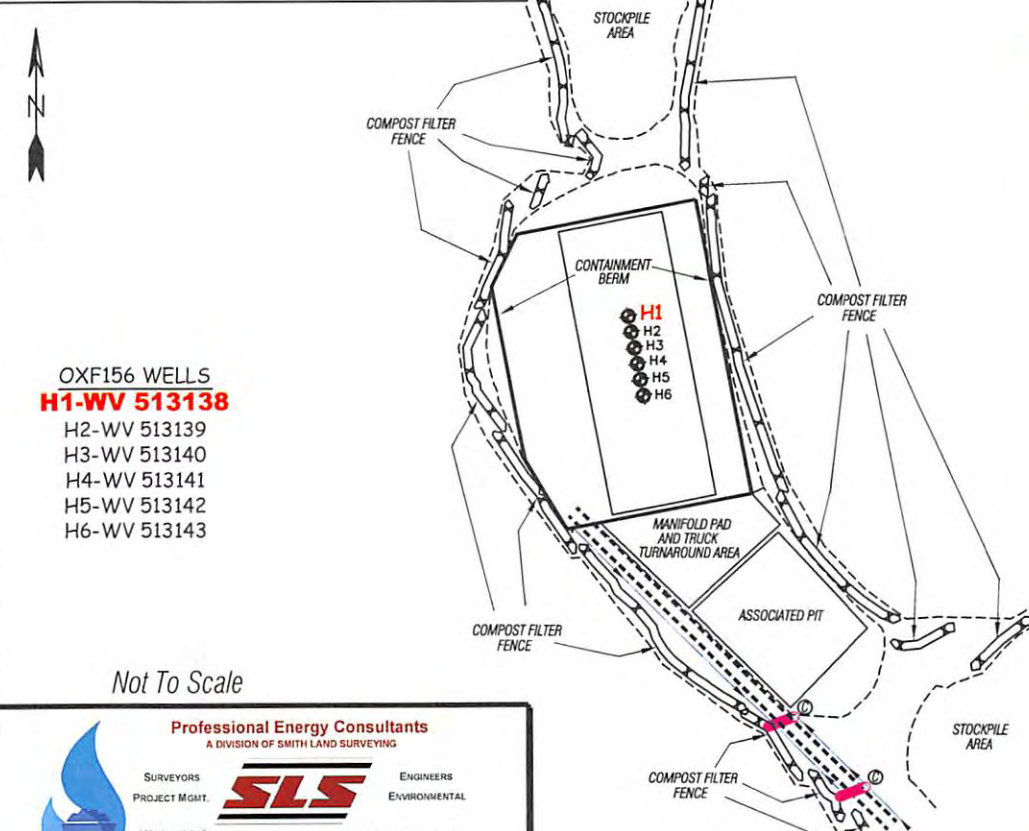
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

11/22/2013

COUNTY NAME PERMIT



Detail Sketch for Proposed Well WV 513138



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 APPLICABLE).

- OXF156 WELLS**
H1-WV 513138
 H2-WV 513139
 H3-WV 513140
 H4-WV 513141
 H5-WV 513142
 H6-WV 513143

Not To Scale

Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING



225 West Main St.
 P.O. Box 150
 Glenville, WV 26031
 (304) 452-2534

5605 Diles Bottom Road
 Shady Side, OH 43947
 (740) 671-9911

HONESTY INTEGRITY QUALITY

DRAWN BY: K.D.W. FILE NO.: 6980 DATE: 07/15/13 CADD FILE: 6980REC513138.dwg

TOPO SECTION OF OXFORD 7.5' USGS TOPO QUADRANGLE

EXISTING CULVERT

PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED

PROPOSED STREAM CROSSING APPROXIMATE LIMITS

11/22/2013