



EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE 2654 ACRES± WELL NO. WV 513139

WELL NO. WV 513139
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

N. 267,935.8
E. 1,635,240.4

LAT=(N) 39.228465
LONG=(W) 80.787638

UTM (NAD83)(METERS)

N. 4,342,161.0
E. 518,344.5

LANDING POINT
WELL NO. WV 513139
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

N. 267,660.0
E. 1,635,619.4

LAT=(N) 39.227722
LONG=(W) 80.786286

UTM (NAD83)(METERS)

N. 4,342,078.8
E. 518,461.3

BOTTOM HOLE
WELL NO. WV 513139
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

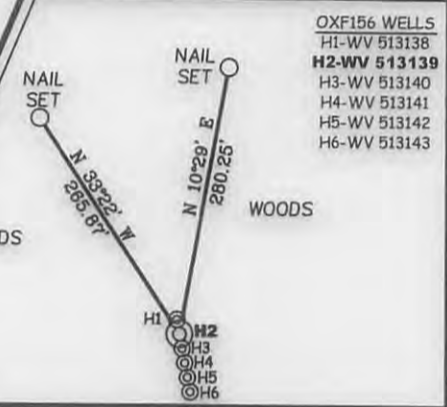
N. 262,584.6
E. 1,637,986.0

LAT=(N) 39.213882
LONG=(W) 80.777678

UTM (NAD83)(METERS)

N. 4,340,544.7
E. 519,208.1

REFERENCES



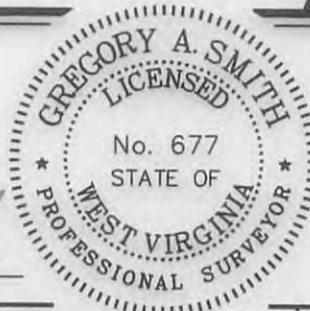
NOTES ON SURVEY

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.



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 513139
API WELL NO. 47-017-06328 H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6980P513139R
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: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

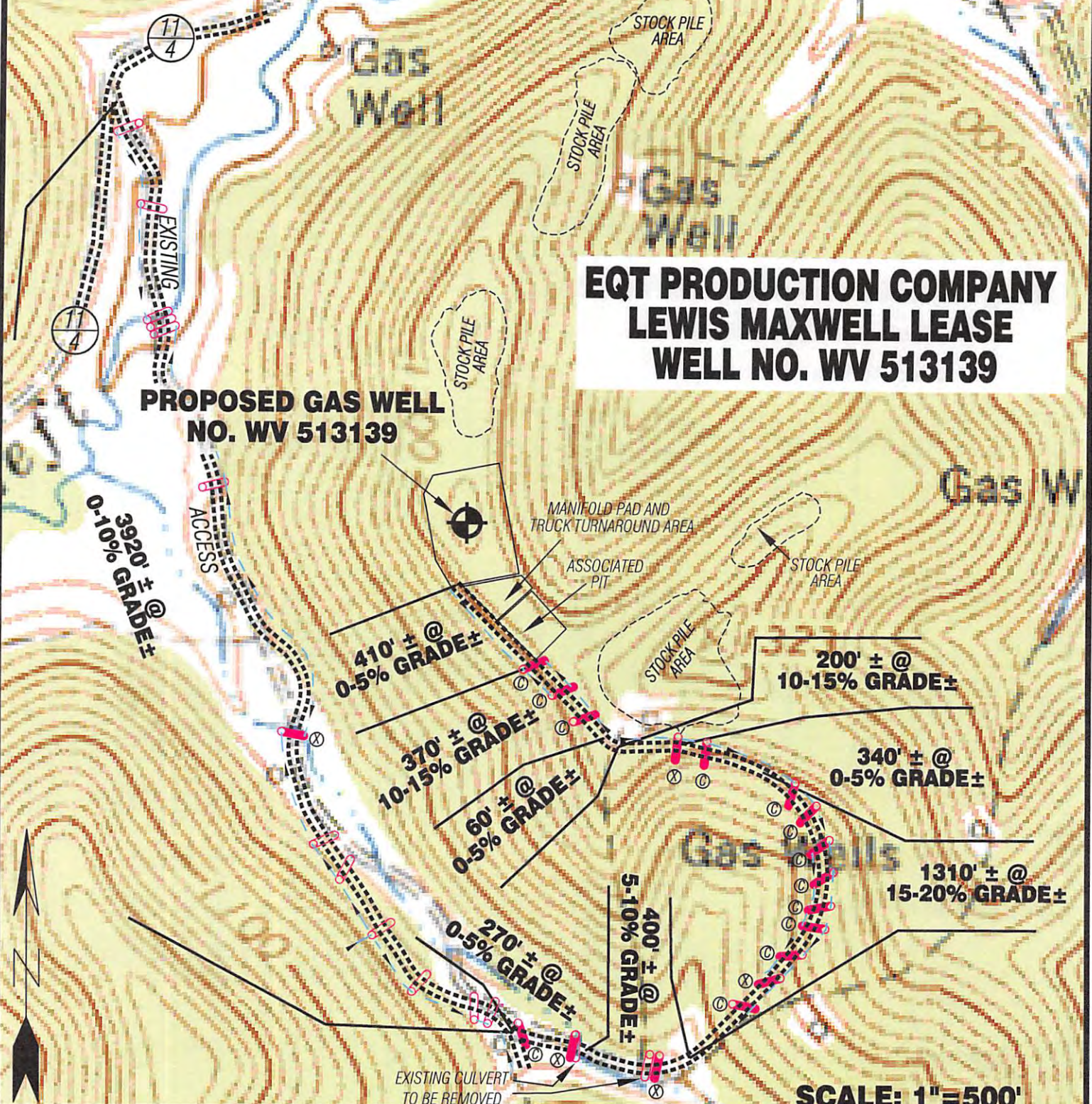
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH _____

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

LONGITUDE 80°45'00" 7,844'

COUNTY NAME PERMIT



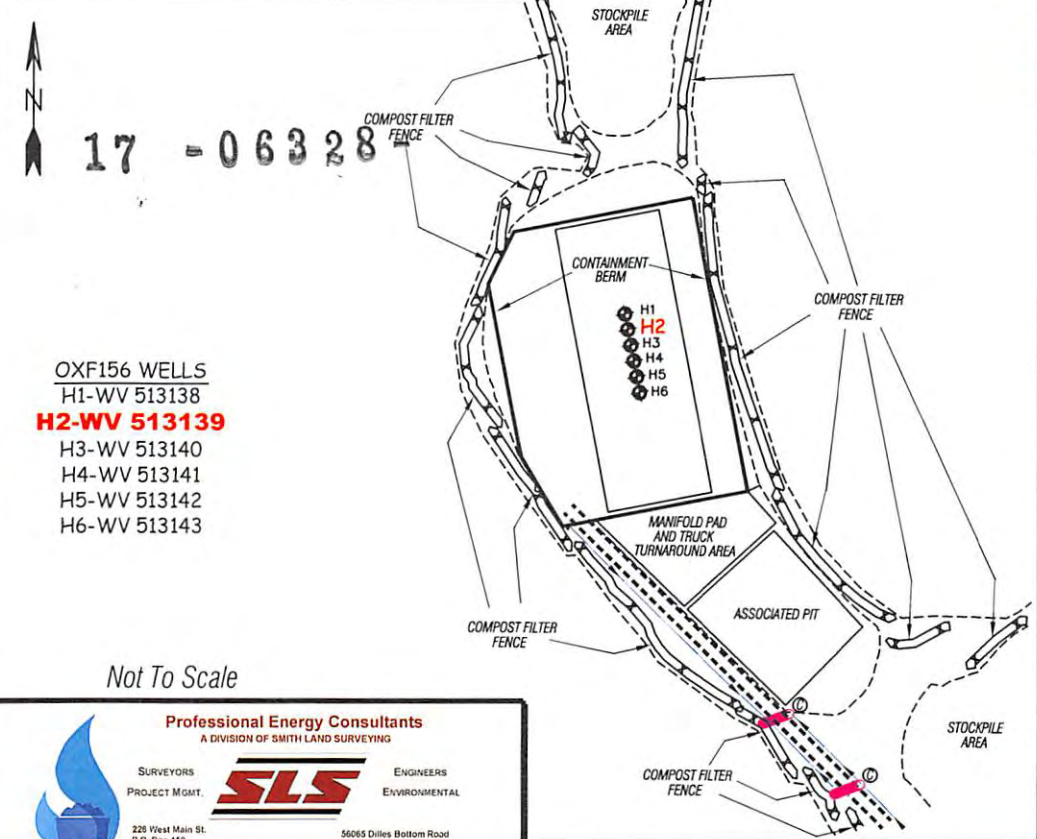
EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE WELL NO. WV 513139

**PROPOSED GAS WELL
NO. WV 513139**

SCALE: 1"=500'



Detail Sketch for Proposed Well WV 513139



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 PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

- 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

SURVEYORS
 PROJECT MGMT.

SLS

ENGINEERS
 ENVIRONMENTAL

228 West Main St.
 P.O. Box 150
 Glenville, WV 26351
 (304) 462-3634

56065 Dilles Bottom Road
 Studyville, OH 43087
 (740) 671-9911

Honesty. Integrity. Quality.

TOPO SECTION OF OXFORD 7.5'
 USGS TOPO QUADRANGLE

① = EXISTING CULVERT
 ② = PROPOSED CULVERT
 12" MIN. UNLESS OTHERWISE NOTED

⊗ = PROPOSED STREAM OF OIL AND GAS CROSSING
 ⊕ = APPROXIMATE LIMITS OF DISTURBANCE