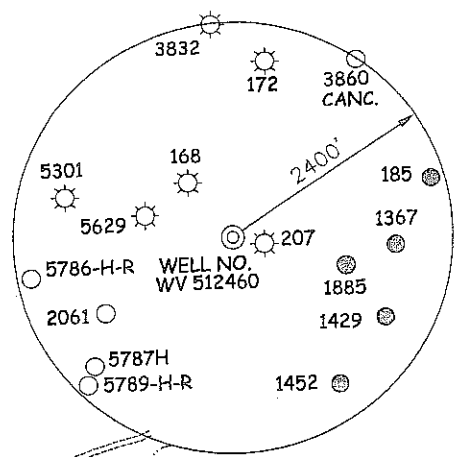
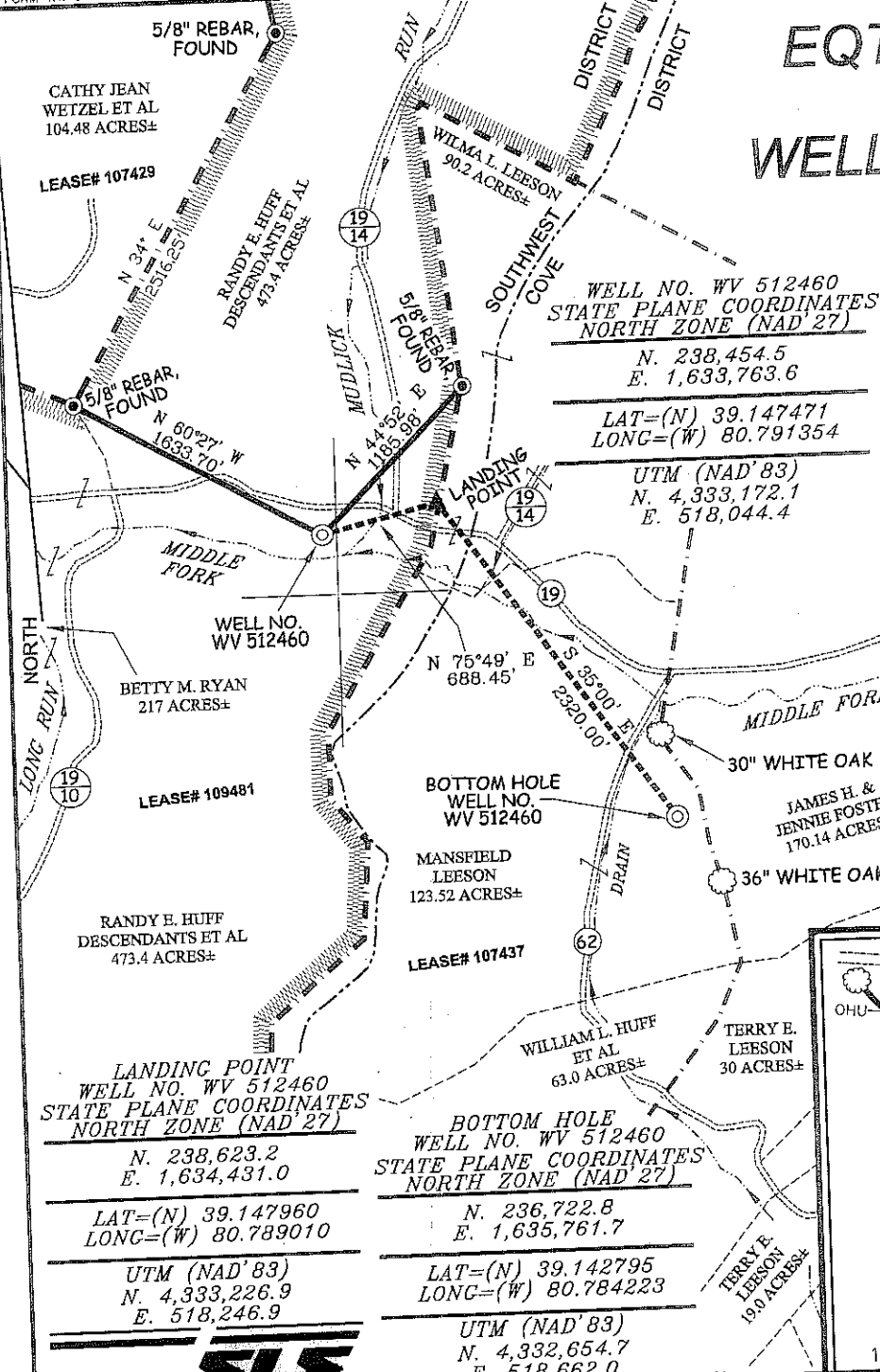


17-06067

EQT PRODUCTION COMPANY WELL NO. WV 512460

LATITUDE 39° 10' 00"

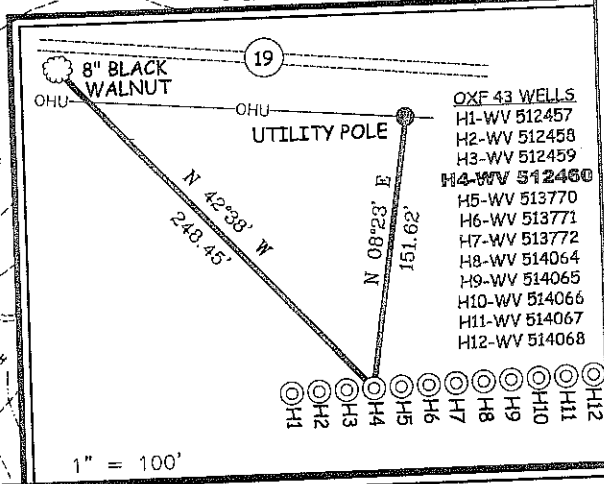
LONGITUDE 80° 45' 00"



NOTES ON SURVEY

1. TIES TO WELLS, CORNERS, & 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 92 PAGE 37, DEED BOOK 47 PAGE 195 & DEED BOOK 52 PAGE 278.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2010.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).

REFERENCES



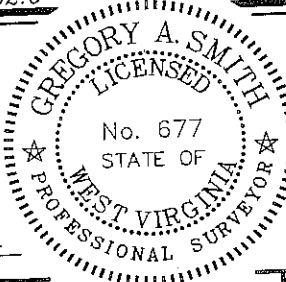
LANDING POINT
WELL NO. WV 512460
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)
N. 238,623.2
E. 1,634,431.0
LAT=(N) 39.147960
LONG=(W) 80.789010
UTM (NAD'83)
N. 4,333,226.9
E. 518,246.9

BOTTOM HOLE
WELL NO. WV 512460
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)
N. 236,722.8
E. 1,635,761.7
LAT=(N) 39.142795
LONG=(W) 80.784223
UTM (NAD'83)
N. 4,332,654.7
E. 518,662.0



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 9, 20 11
OPERATORS WELL NO. WV 512460
API WELL NO. 47 - 17 - 06067H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6113P512460F (350-06)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1,000'

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

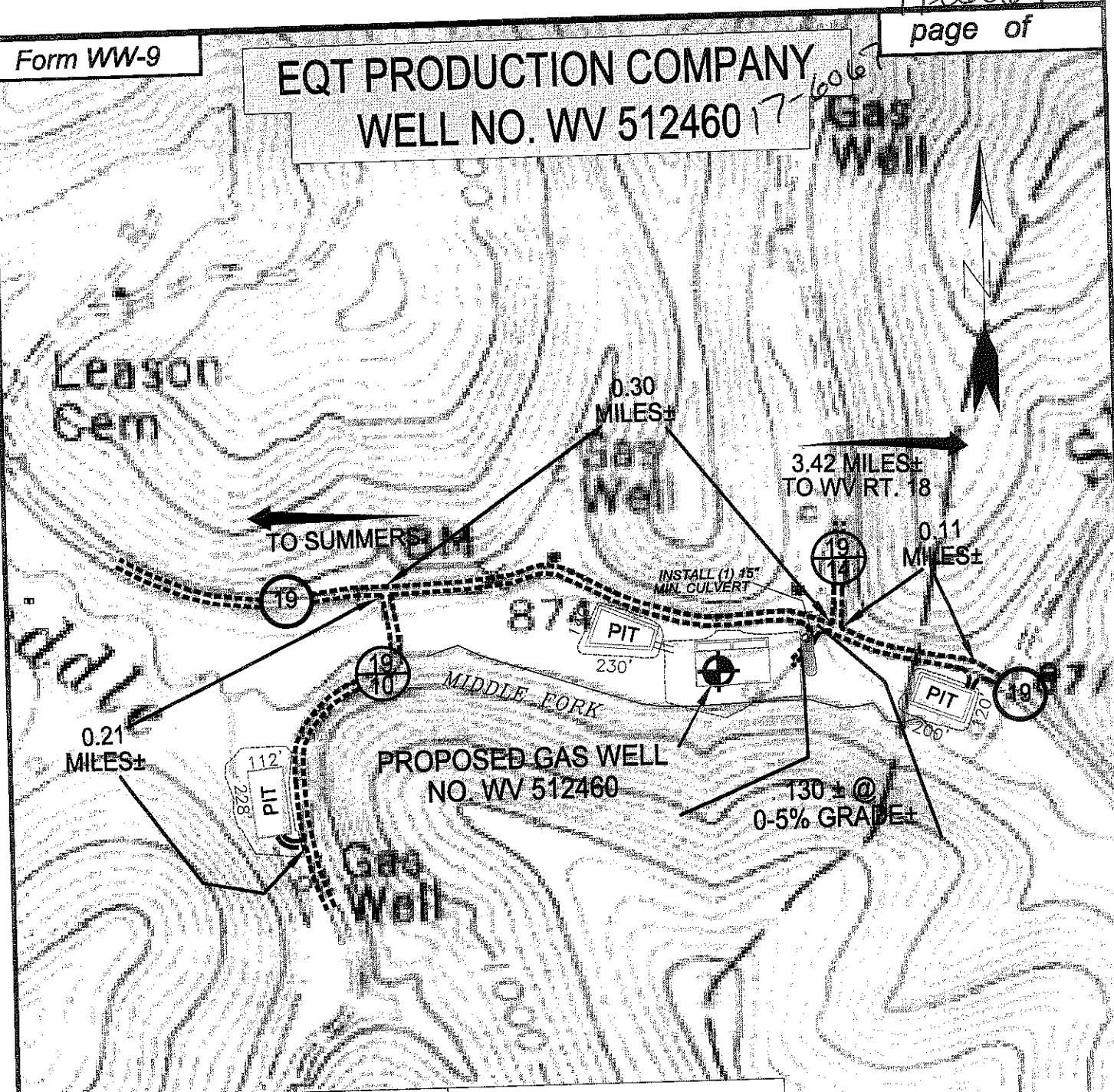
LOCATION: ELEVATION 858' (GROUND) 862' (PROPOSED) WATERSHED MIDDLE FORK
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
SURFACE OWNER RANDY E. HUFF DESCENDANTS ET AL. ACREAGE 473.4±
ROYALTY OWNER ADELE V. McDOUGAL ET AL (2,000 AC.±) / S.F. MCDONNELL HEIRS ET AL (280 AC.±)
PROPOSED WORK: DRILL 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 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

COUNTY NAME

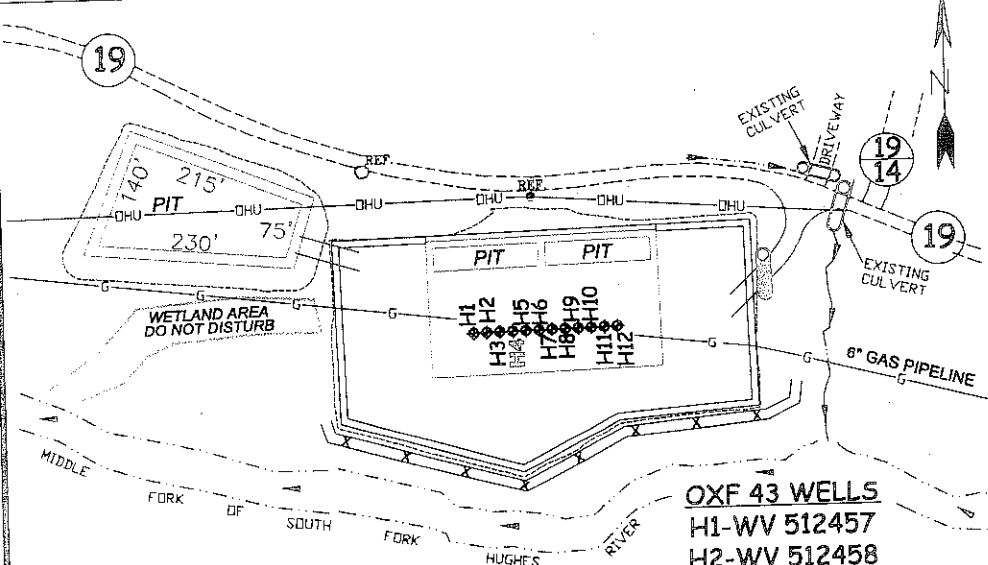
PERMIT

EQT PRODUCTION COMPANY
WELL NO. WV 512460



Detail Sketch for Proposed Well WV 512460

NOT TO SCALE



SCALE: 1"=500'

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).

- OXF 43 WELLS**
 H1-WV 512457
 H2-WV 512458
 H3-WV 512459
 H4-WV 512460
 H5-WV 513770
 H6-WV 513771
 H7-WV 513772
 H8-WV 514064
 H9-WV 514065
 H10-WV 514066
 H11-WV 514067
 H12-WV 514068

TOPO SECTION OF USGS
OXFORD 7.5' QUADRANGLE

— = EXISTING CULVERT ⊙ = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED
 ⊗ = PROPOSED STREAM CROSSING (IF APPLIES) *SEE TABLE FOR CULVERT DETAIL

SLS
 SMITH LAND SURVEYING, INC.
 P.O. BOX 150 GLENVILLE, WV. 26351
 PH: (304) 462-5634 FAX: (304) 462-5656 E-MAIL: sls@sls-surveys.com

DRAWN BY K.D.W.	FILE NO. 6113	DATE 11/11/11	CADD FILE: 6113REC-WV512460R3.DWG
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