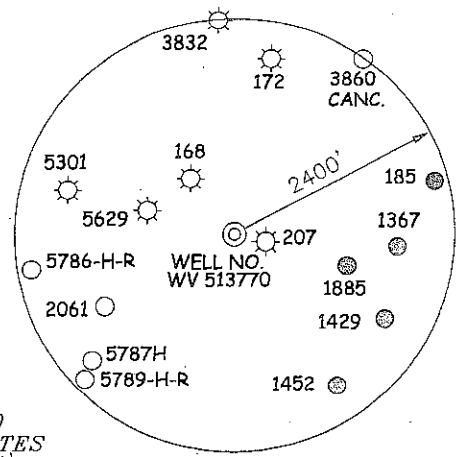
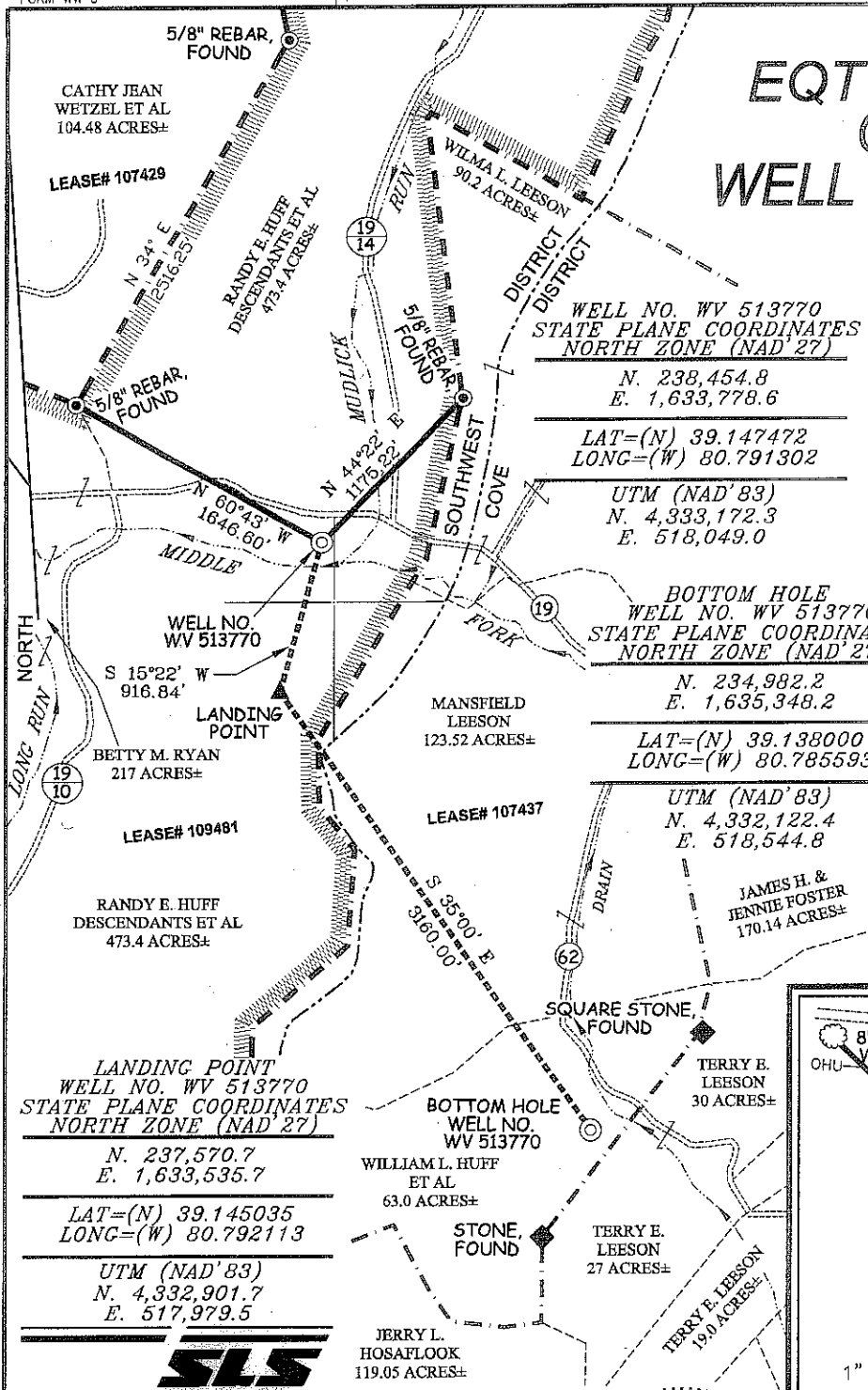


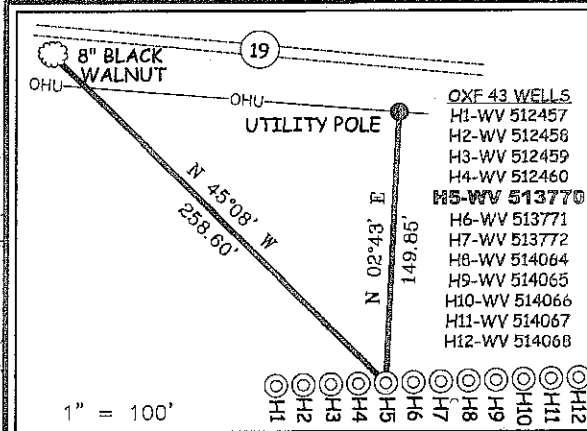
EQT PRODUCTION COMPANY WELL NO. WV 513770



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 52 PAGE 27B & DEED BOOK 247 PAGE 306.
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



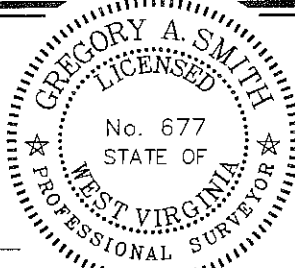
LANDING POINT
WELL NO. WV 513770
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)
N. 237,570.7
E. 1,633,535.7
LAT=(N) 39.145035
LONG=(W) 80.792113
UTM (NAD'83)
N. 4,332,901.7
E. 517,979.5

BOTTOM HOLE
WELL NO. WV 513770
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)
N. 234,982.2
E. 1,635,348.2
LAT=(N) 39.138000
LONG=(W) 80.785593
UTM (NAD'83)
N. 4,332,122.4
E. 518,544.8



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 09, 20 11
OPERATORS WELL NO. WV 513770
API WELL NO. 47 - 17 - 6068H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6113P513770F (350-06)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1,000'

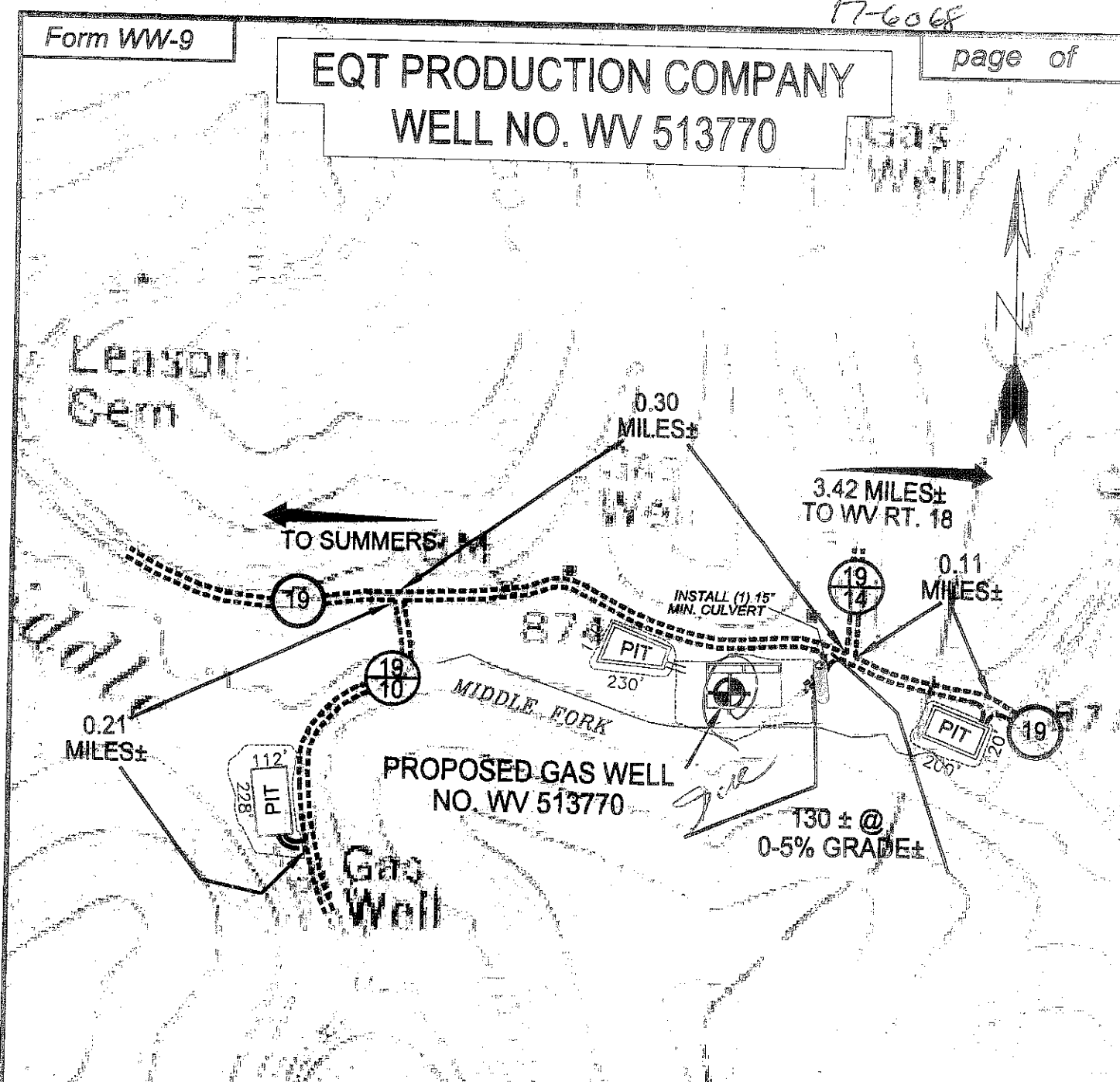
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

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

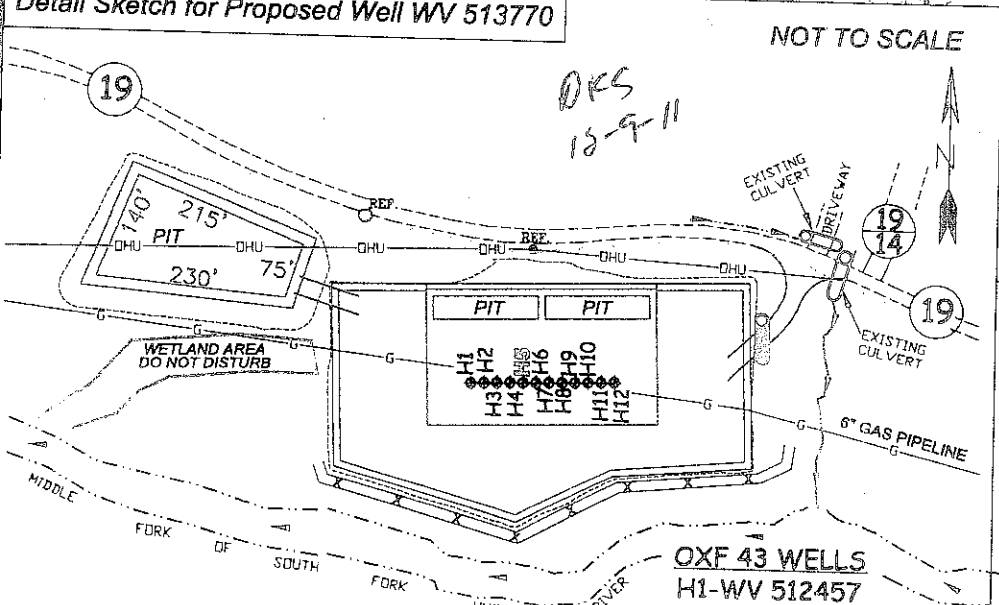
LOCATION: ELEVATION 858' (GROUND); 862' (PROPOSED) WATERSHED MIDDLE FORK
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
SURFACE OWNER RANDY E. HUFF DESCENDANTS ET AL ACREAGE 473.4±
ROYALTY OWNER ADELE V. McDOUGAL ET AL (2,000 AC.±) / S.F. MCDONNELL HEIRS ET AL (280 AC.±)
PROPOSED WORK: LEASE NO. 109481 / 107437
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

EQT PRODUCTION COMPANY WELL NO. WV 513770



Detail Sketch for Proposed Well WV 513770



NOT TO SCALE

*OKS
12-9-11*

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).

⊖ = EXISTING CULVERT ⊕ = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED

⊗ = PROPOSED STREAM CROSSING (IF APPLIES) *SEE TABLE FOR CULVERT DETAIL

- 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



SMITH LAND SURVEYING, INC.
P.O. BOX 150 GLENVILLE, WV. 26351

PH: (304) 462-5634 FAX: (304) 462-5656 E-MAIL: sls@stssurveys.com

DRAWN BY K.D.W.	FILE NO. 6113	DATE 11/11/11	CADD FILE: 6113REC0513770R.DWG
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