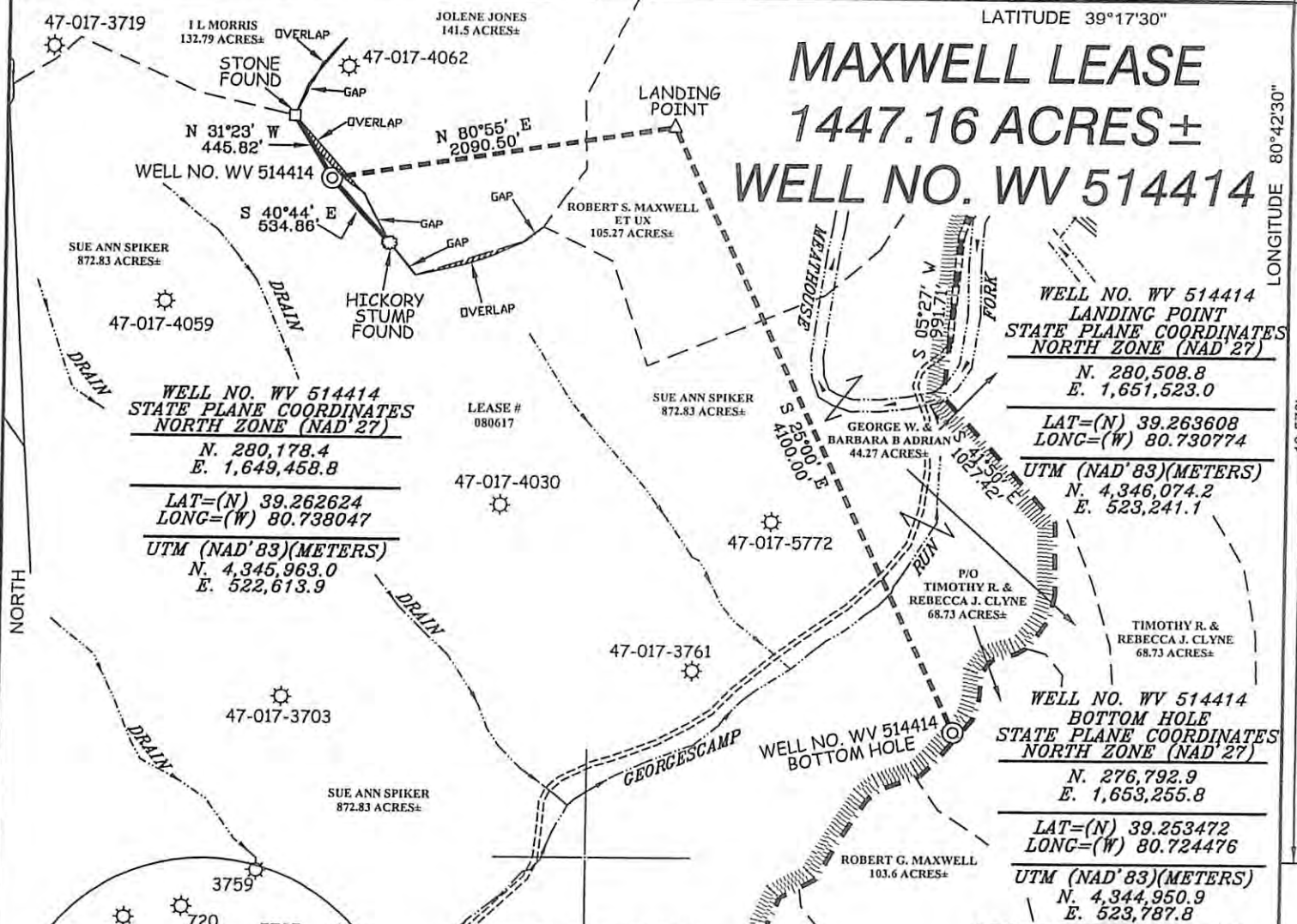


# MAXWELL LEASE 1447.16 ACRES ± WELL NO. WV 514414



**WELL NO. WV 514414  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)**  
N. 280,178.4  
E. 1,649,458.8  
**LAT=(N) 39.262624  
LONG=(W) 80.738047**  
**UTM (NAD'83)(METERS)**  
N. 4,345,963.0  
E. 522,613.9

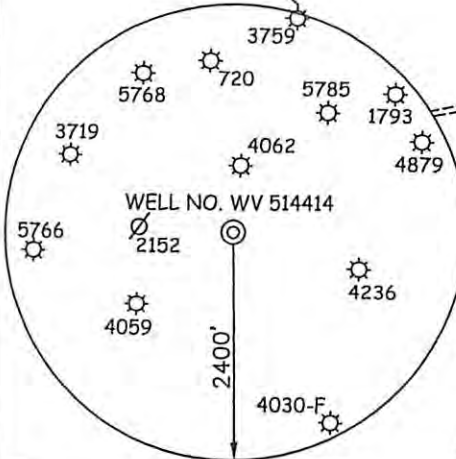
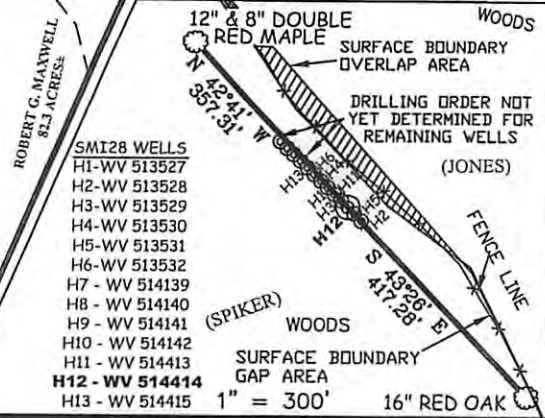
**WELL NO. WV 514414  
LANDING POINT  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)**  
N. 280,508.8  
E. 1,651,523.0  
**LAT=(N) 39.263608  
LONG=(W) 80.730774**  
**UTM (NAD'83)(METERS)**  
N. 4,346,074.2  
E. 523,241.1

**WELL NO. WV 514414  
BOTTOM HOLE  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)**  
N. 276,792.9  
E. 1,653,255.8  
**LAT=(N) 39.253472  
LONG=(W) 80.724476**  
**UTM (NAD'83)(METERS)**  
N. 4,344,950.9  
E. 523,787.8

### 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 103 PAGE 185, DEED BOOK 126 PAGE 238 & DEED BOOK 133 PAGE 310.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE TIE TO CORS NETWORK).

### 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 OCTOBER 10, 20 12  
OPERATORS WELL NO. WV 514414  
API WELL NO. 47-17-06136 H 6A  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7428P514414 (362-41)  
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

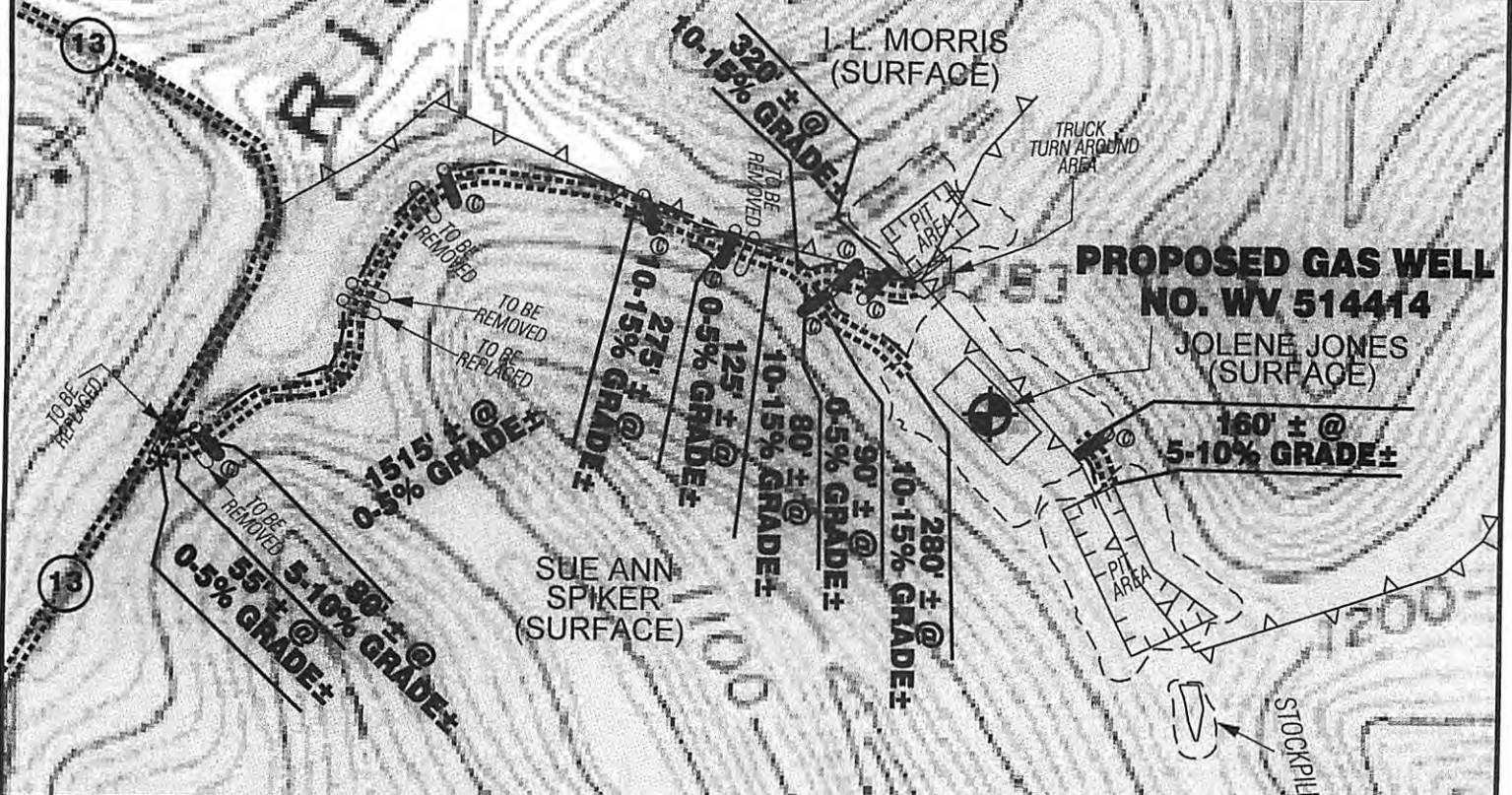
LOCATION: ELEVATION 1264' (GROUND) 1254' (PROPOSED) WATERSHED TRIBUTARY OF GEORGESCAMP RUN  
DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'  
SURFACE OWNER SUE ANN SPIKER ACREAGE 872.83±  
ROYALTY OWNER LEWIS MAXWELL HEIRS LEASE ACREAGE 1447.16±  
PROPOSED WORK: LEASE NO. 080617  
DRILL  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

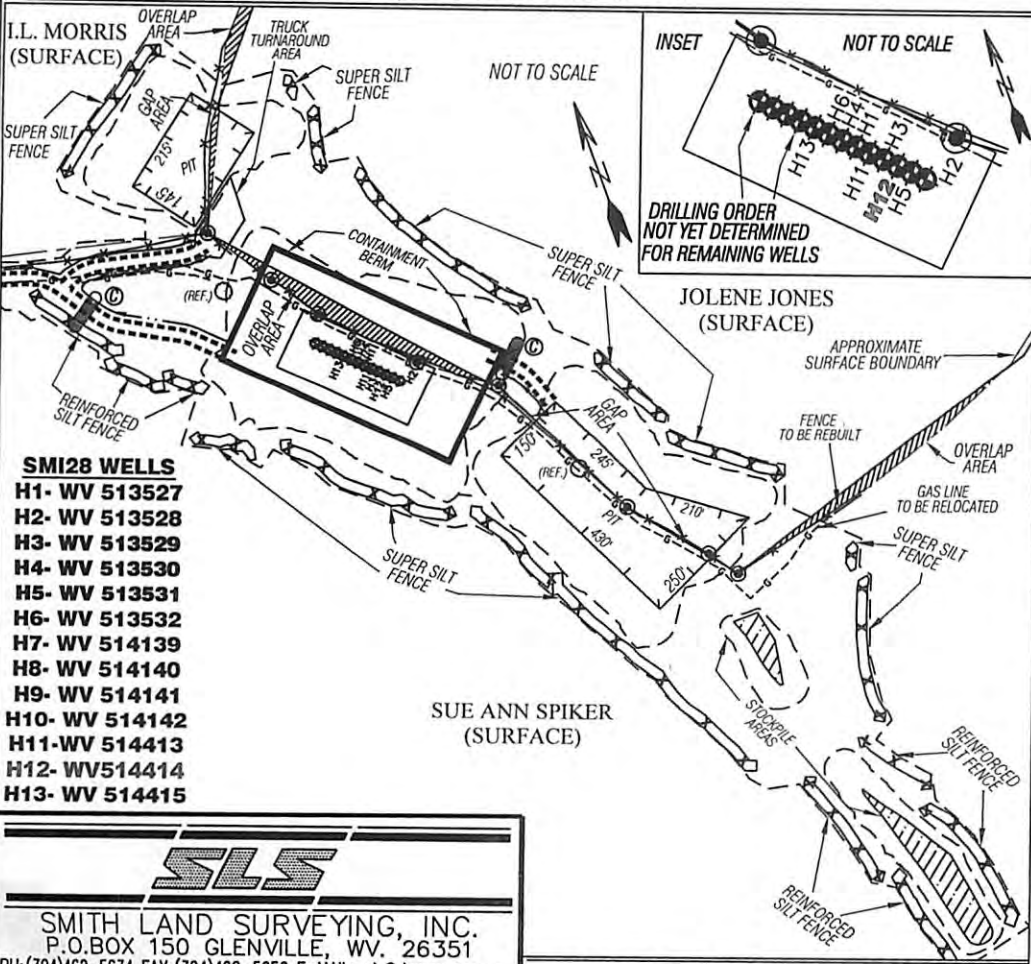
# EQT PRODUCTION COMPANY MAXWELL LEASE WELL NO. WV 514414



SCALE: 1"=500'



Detail Sketch for Proposed Well No. WV 514414



- SMI28 WELLS**
- H1- WV 513527
  - H2- WV 513528
  - H3- WV 513529
  - H4- WV 513530
  - H5- WV 513531
  - H6- WV 513532
  - H7- WV 514139
  - H8- WV 514140
  - H9- WV 514141
  - H10- WV 514142
  - H11- WV 514413
  - H12- WV 514414
  - H13- WV 514415

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
- = APPROXIMATE LIMITS OF DISTURBANCE
- = PROPERTY CORNER TO BE SET WITH 3/4" REBAR AFTER RECLAMATION



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

DRAWN BY: K.D.W. FILE NO.: 7428 DATE: 10/10/12 CADD FILE: 7428RECWW514414R.DWG

TOPO SECTION OF SMITHBURG 7.5' USGS TOPO QUADRANGLE