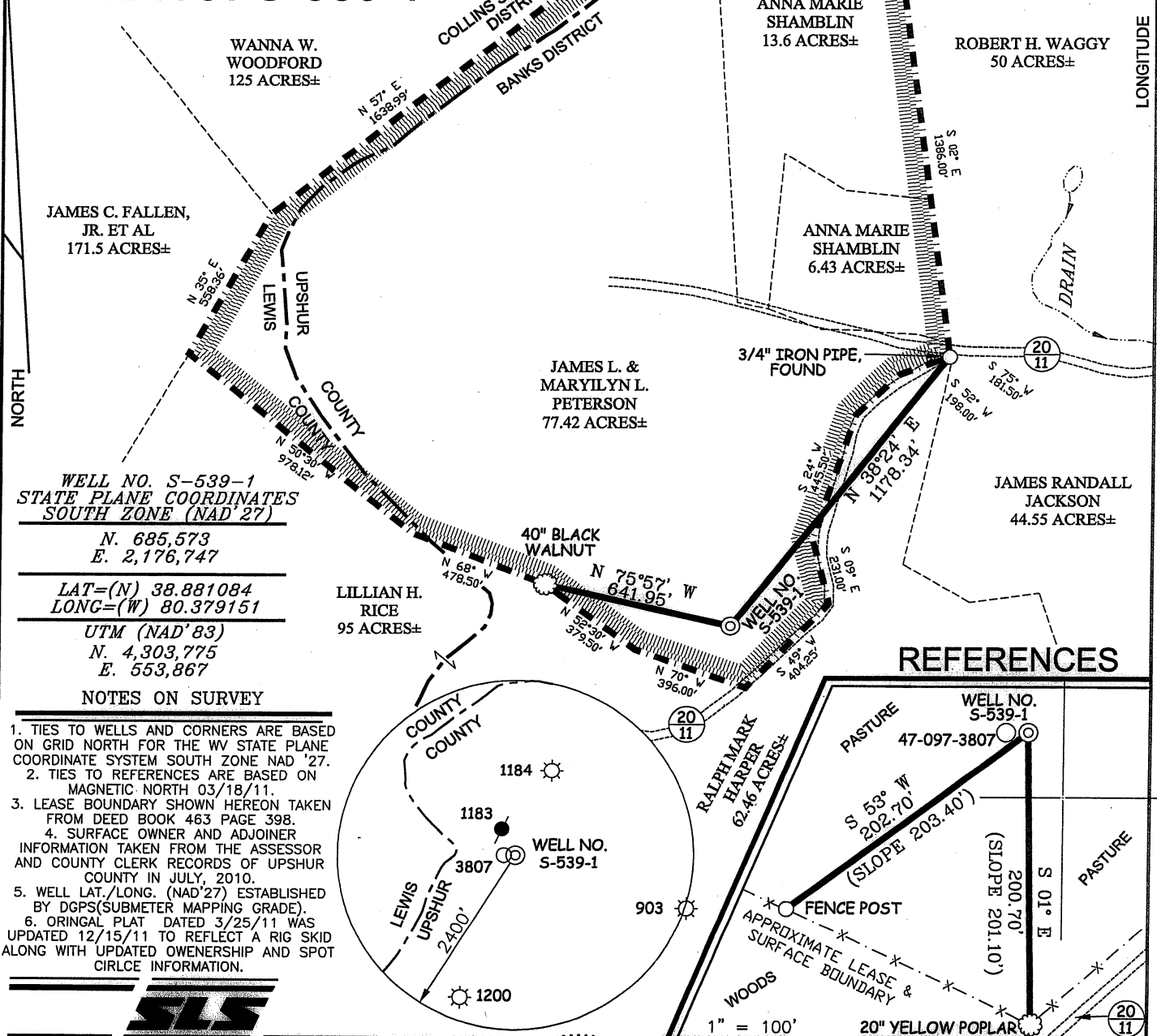


# PETERSON LEASE

## 97.453 ACRES±

### WELL NO. S-539-1



WELL NO. S-539-1  
STATE PLANE COORDINATES  
SOUTH ZONE (NAD 27)

N. 685,573  
E. 2,176,747

LAT=(N) 38.881084  
LONG=(W) 80.379151

UTM (NAD'83)  
N. 4,303,775  
E. 553,867

NOTES ON SURVEY

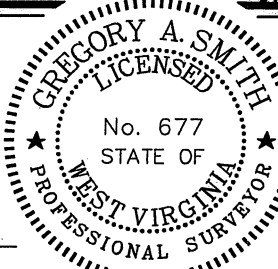
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03/18/11.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 463 PAGE 398.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN JULY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 3/25/11 WAS UPDATED 12/15/11 TO REFLECT A RIG SKID ALONG WITH UPDATED OWNERSHIP AND SPOT CIRLCE INFORMATION.



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 DECEMBER 15, 20 11  
OPERATORS WELL NO. PETERSON S-539-1  
API WELL NO. 47-097-03836  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7589PS-539-1R (387-64)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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

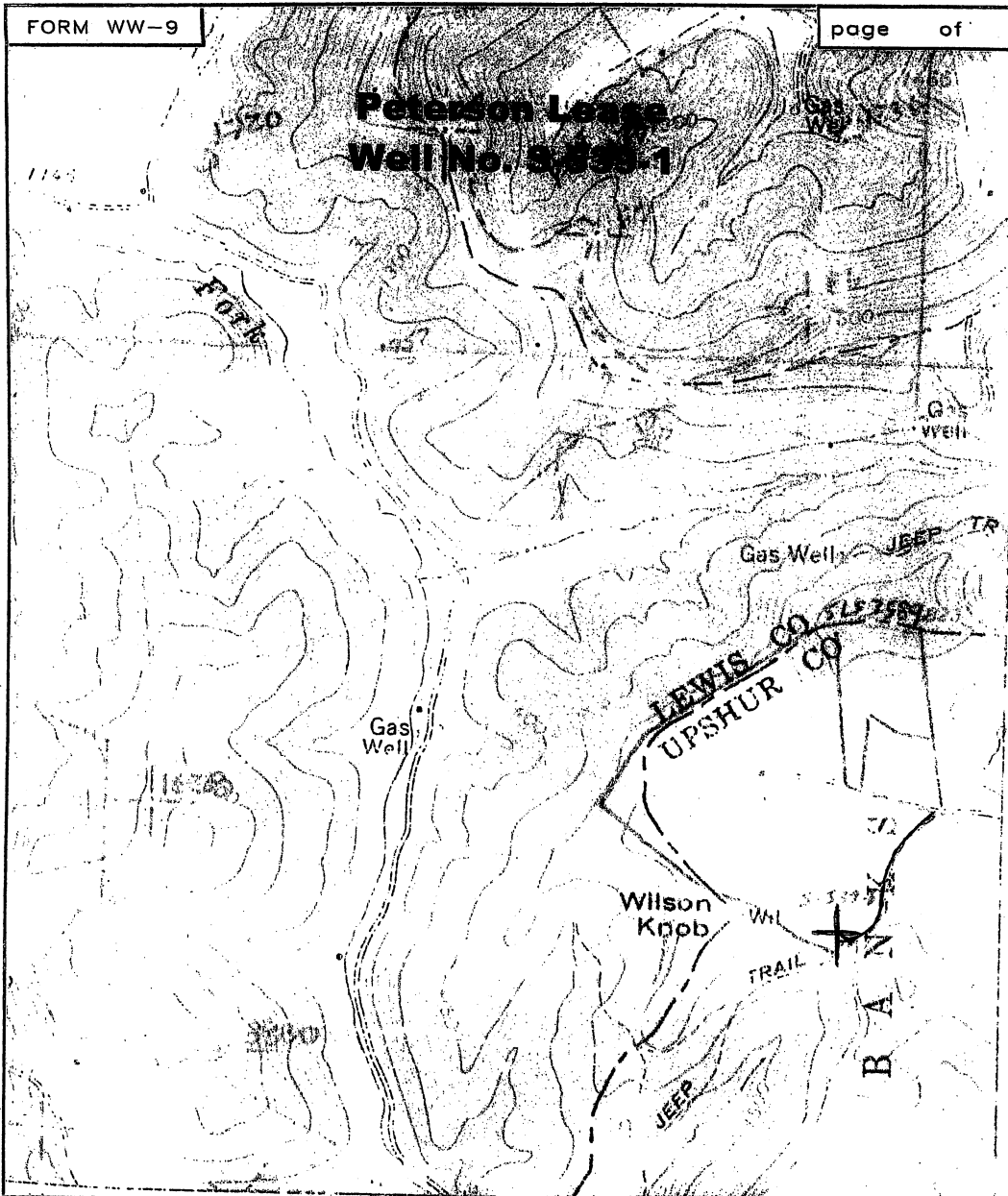
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,666' WATERSHED FRENCH CREEK  
DISTRICT BANKS COUNTY UPSHUR QUADRANGLE ROANOKE 7.5'

SURFACE OWNER JAMES L. & MARILYN L. PETERSON ACREAGE 77.42±  
ROYALTY OWNER JAMES L. & MARILYN L. PETERSON LEASE ACREAGE 97.453±

PROPOSED WORK: LEASE NO. 10309  
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 7,400'

WELL OPERATOR STALNAKER ENERGY CORPORATION DESIGNATED AGENT RON STALNAKER  
ADDRESS P.O. BOX 178 ADDRESS P.O. BOX 178  
GLENNVILLE, WV 26351 GLENNVILLE, WV 26351



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

TOPO SECTION OF ROANOKE 7.5'  
 FILE NO. 7589 DATE 3/21/11 SCALE 1"=1000'

RECEIVED  
 Office of Oil & Gas  
 DEC 19 2011  
 WV Department of  
 Environmental Protection