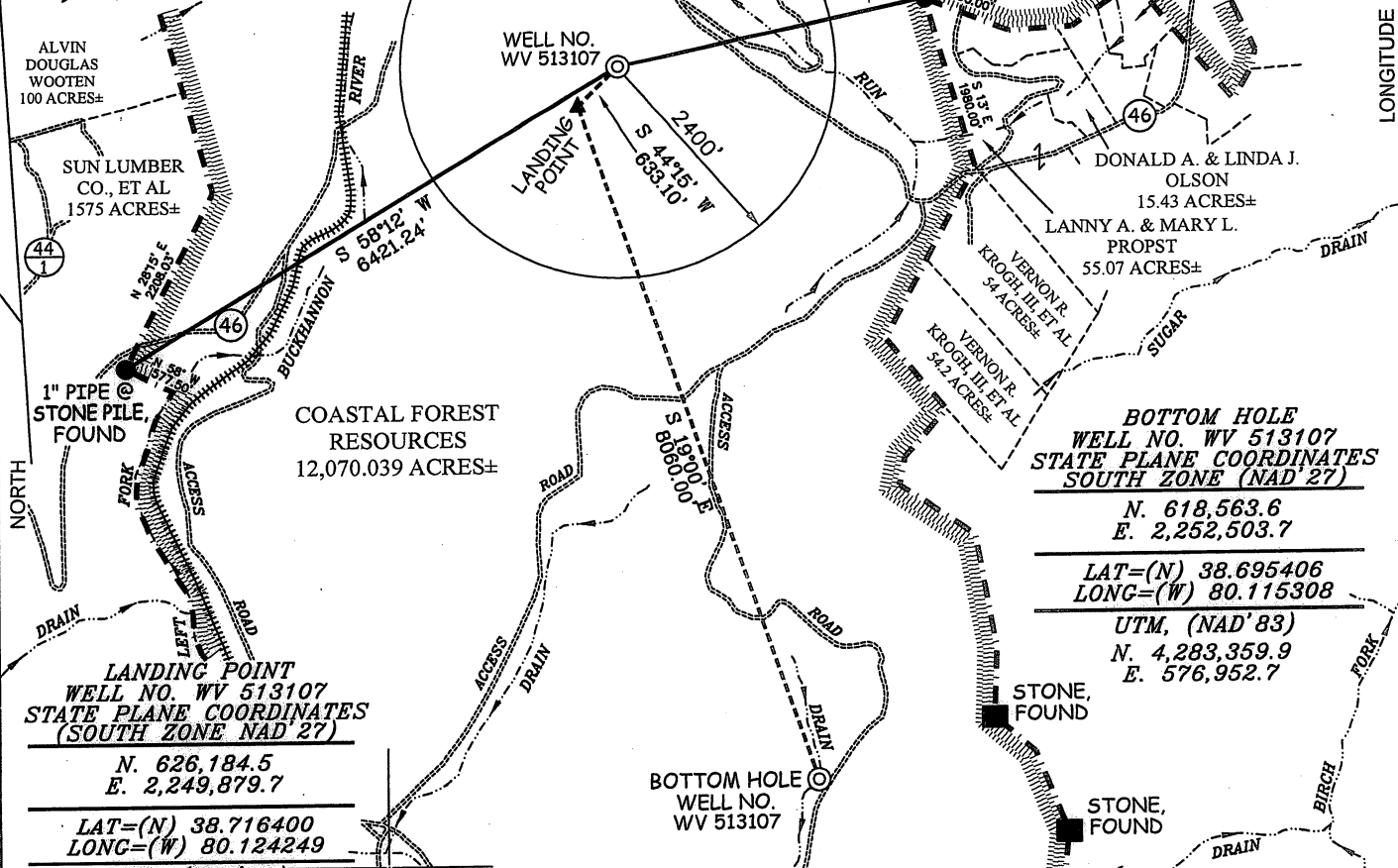


# GAS RIGHT DEED 28 LEASE 14,650 ACRES±

# WELL NO. WV 513107



DRY  
THERE APPEARS TO BE NO KNOWN WELLS LOCATED IN A 2400' RADIUS.

WELL NO. WV 513107  
LANDING POINT  
2400'  
S 44°15' W  
633.10'

1" PIPE @ STONE PILE, FOUND

LANDING POINT  
WELL NO. WV 513107  
STATE PLANE COORDINATES  
(SOUTH ZONE NAD'27)  
N. 626,184.5  
E. 2,249,879.7

LAT=(N) 38.716400  
LONG=(W) 80.124249  
UTM, (NAD'83)  
N. 4,285,681.9  
E. 576,152.8

WELL NO. WV 513107  
STATE PLANE COORDINATES  
(SOUTH ZONE NAD'27)  
N. 626,638.0  
E. 2,250,321.5

LAT=(N) 38.717633  
LONG=(W) 80.122686  
UTM, (NAD'83)  
N. 4,285,820.1  
E. 576,287.4

BOTTOM HOLE  
WELL NO. WV 513107  
STATE PLANE COORDINATES  
(SOUTH ZONE NAD'27)  
N. 618,563.6  
E. 2,252,503.7

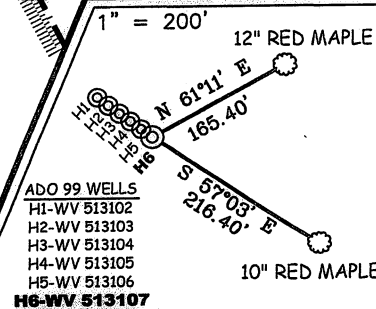
LAT=(N) 38.695406  
LONG=(W) 80.115308  
UTM, (NAD'83)  
N. 4,283,359.9  
E. 576,952.7

BOTTOM HOLE  
WELL NO. WV 513107

### NOTES ON SURVEY

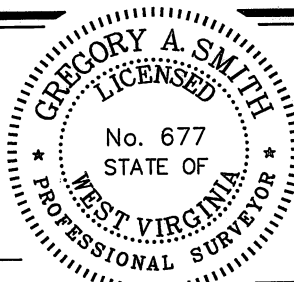
1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 241 PAGE 408.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RANDOLPH COUNTY IN JULY, 2011.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).

### 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 JULY 15, 20 11  
 OPERATORS WELL NO. WV 513107  
 API WELL NO. 47-083-01250H  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6985P513107R2 (329-59)  
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) TIES TO CORS NETWORK SCALE 1" = 2000'

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 3,161'(GROUND)/3,160'(PROPOSED) WATERSHED DRY RUN OF LEFT FORK BUCKHANNON RIVER  
 DISTRICT MIDDLE FORK COUNTY RANDOLPH QUADRANGLE ADOLPH 7.5'

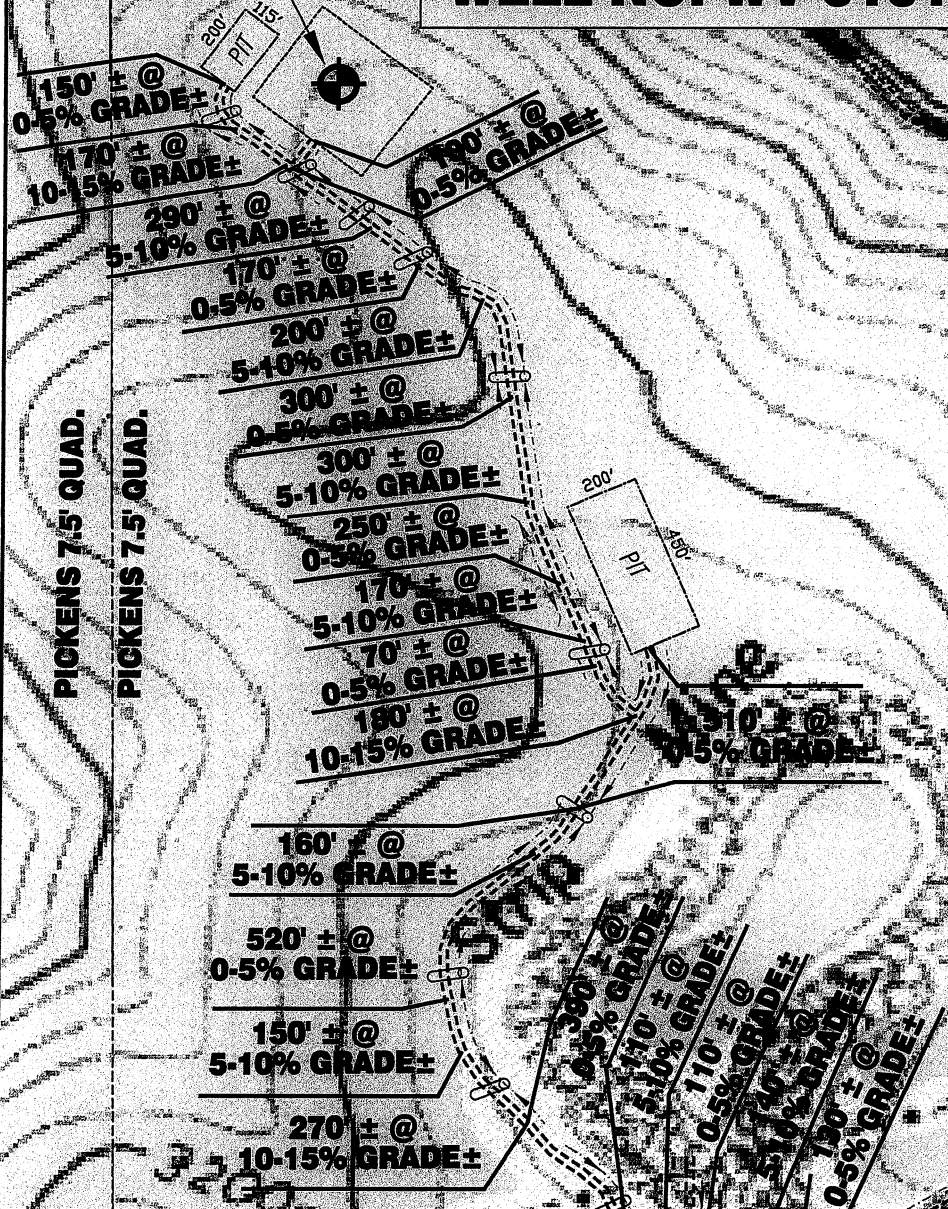
SURFACE OWNER COASTAL FOREST RESOURCES ACREAGE 12,070.04±  
 ROYALTY OWNER EQT PRODUCTION COMPANY LEASE ACREAGE 14,650±  
 PROPOSED WORK: LEASE NO. 190028  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND 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 GAS RIGHT DEED 28 LEASE WELL NO. WV 513107

**PROPOSED  
GAS WELL  
WV 513107**



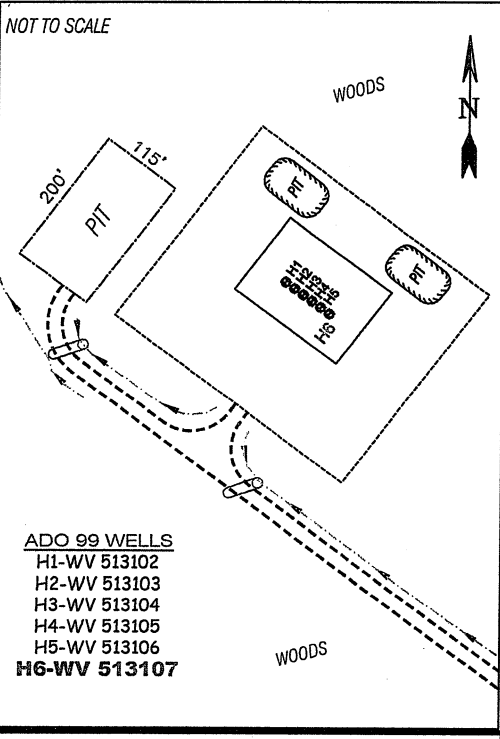
**RECEIVED**  
Office of Oil & Gas

JUL 22 2011

WV Department of  
Environmental Protection

EXISTING COAL COMPANY  
ROAD WITH EXISTING  
DRAINAGE STRUCTURES IN  
PLACE AND IN GOOD  
WORKING ORDER TO BE  
MAINTAINED AND RECLAIMED  
TO STATE SPECS.

Detail Sketch for Proposed Well WV 513107



SEE ATTACHED MAP  
FOR INFO TO HERE

**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



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 C.J.P.	FILE NO. 6985	DATE 07/13/11	CADD FILE: 6985REC\WS13107\FINAL.DWG
--------------------	------------------	------------------	---

TOPO SECTION OF USGS  
ADOLPH 7.5' QUADRANGLE