

BOTTOM HOLE
WELL NO. WV 513102
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)

N. 634,634.9
E. 2,247,623.7

LAT=(N) 38.739663
LONG=(W) 80.132228

UTM (NAD'83)
N. 4,288,256.7
E. 575,434.5

WELL NO. WV 513102
STATE PLANE COORDINATES
SOUTH ZONE (NAD'27)

N. 626,683.1
E. 2,250,261.7

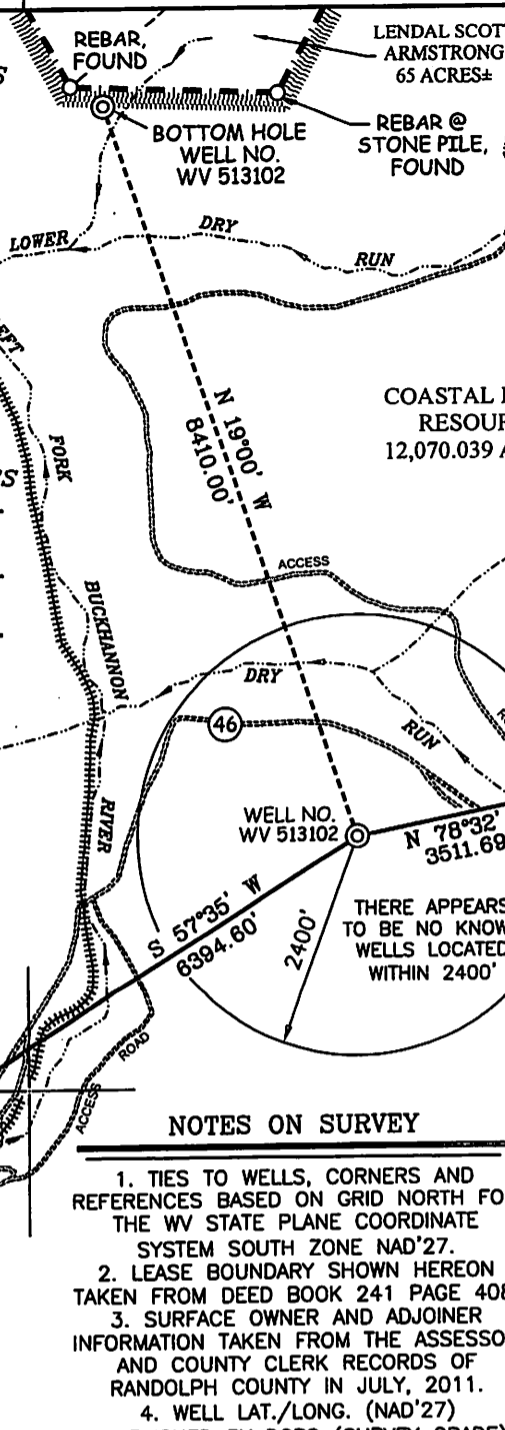
LAT=(N) 38.717759
LONG=(W) 80.122894

UTM (NAD'83)
N. 4,285,833.9
E. 576,269.2

ALVIN DOUGLAS WOOTEN
100 ACRES±

SUN LUMBER CO., ET AL
1575 ACRES±

1" PIPE @
STONE PILE,
FOUND



LATITUDE 38° 45' 00"
GAS RIGHT
DEED 28 LEASE
14,650 ACRES±
WELL NO. WV 513102

COASTAL FOREST RESOURCES
12,070.039 ACRES±

DONALD A. & LINDA J. OLSON
14.79 ACRES±

RANDALL B. TUCKER
7.97 ACRES±

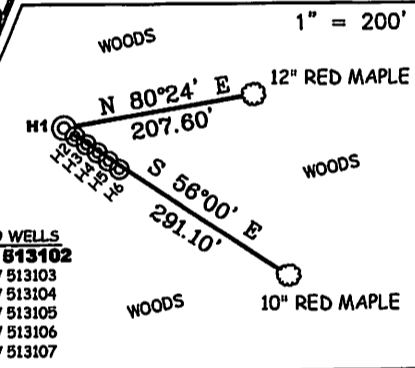
DONALD A. & LINDA J. OLSON
15.43 ACRES±

LANNY A. & MARY L. PROPST
55.07 ACRES±

NOTES ON SURVEY

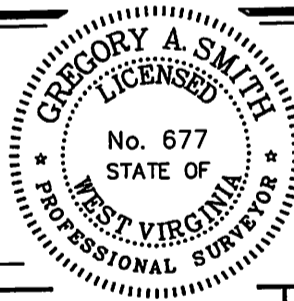
1. TIES TO WELLS, CORNERS AND REFERENCES BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 241 PAGE 408.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RANDOLPH COUNTY IN JULY, 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 513102
 API WELL NO. 47 - 083 - 01245H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6985P513102R2 (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

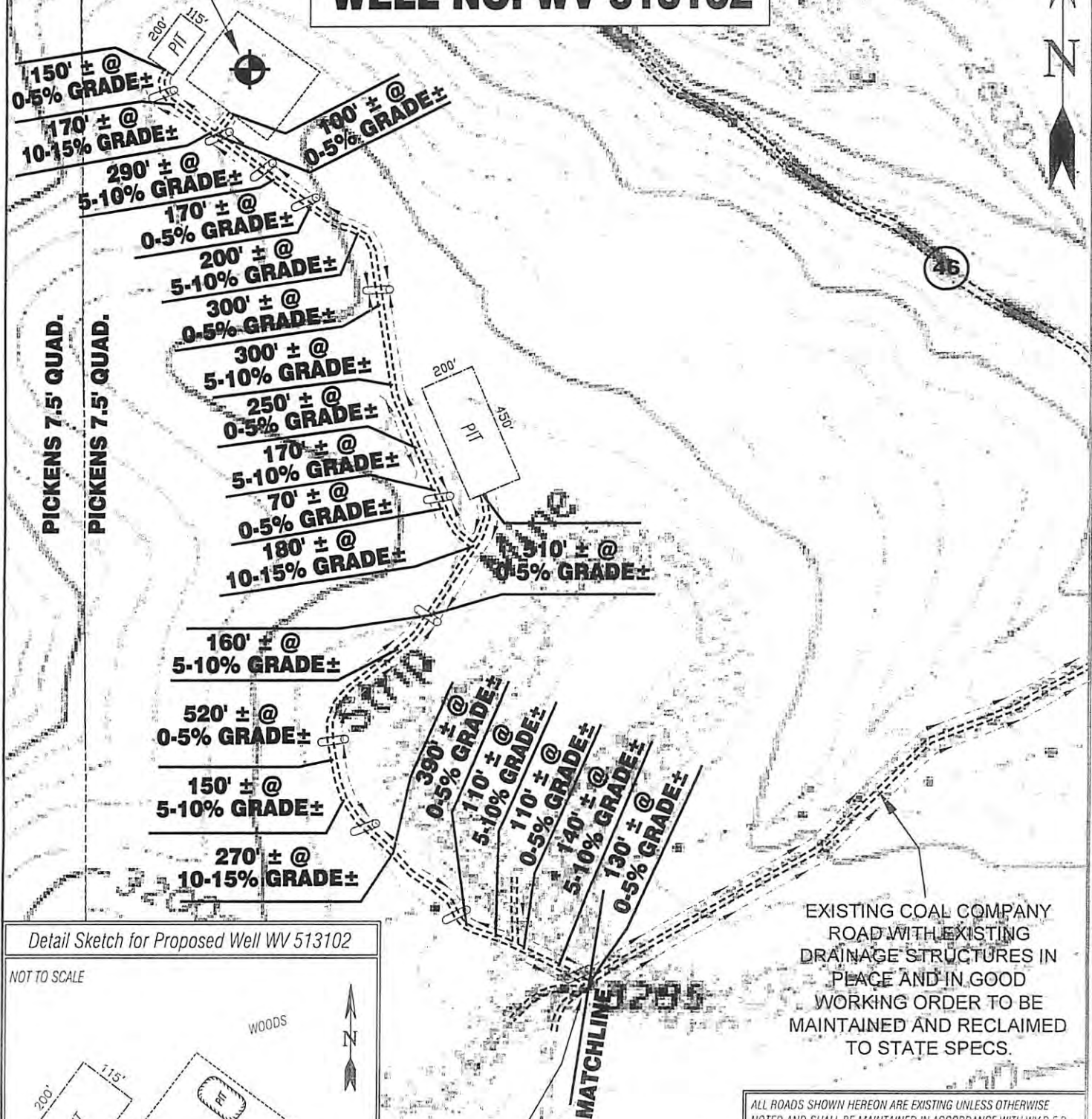
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 3,158' (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 513102

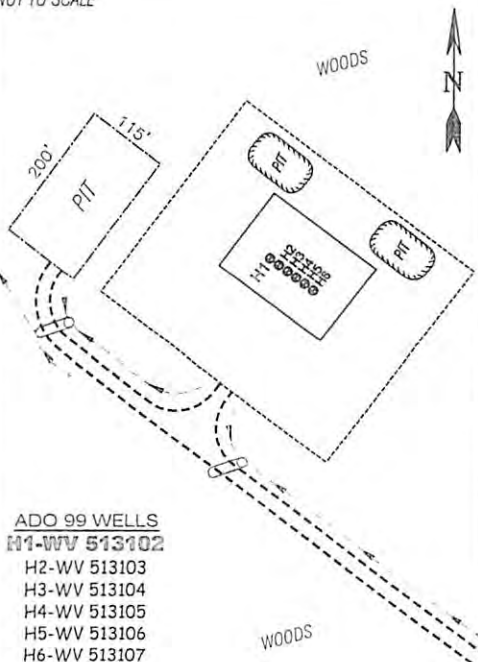
**PROPOSED
GAS WELL
WV 513102**



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

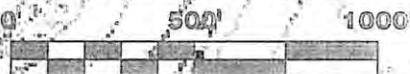
Detail Sketch for Proposed Well WV 513102

NOT TO SCALE



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.
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DRAWN BY: C.J.P. FILE NO.: 6985 DATE: 07/13/11 CADD FILE: 6985RECWW513102FINAL.DWG

TOPO SECTION OF USGS
ADOLPH 7.5' QUADRANGLE