

GAS RIGHT DEED 28 LEASE 14,650 ACRES± WELL NO. WV 513105

BOTTOM HOLE
WELL NO. WV 513105
STATE PLANE COORDINATES SOUTH ZONE (NAD 27)
N. 636,194.9
E. 2,245,928.9

LAT=(N) 38.743987
LONG=(W) 80.137768

UTM (NAD'83)
N. 4,288,732.0
E. 574,948.5

WELL NO. WV 513105
STATE PLANE COORDINATES SOUTH ZONE (NAD 27)
N. 626,656.1
E. 2,250,297.7

LAT=(N) 38.717684
LONG=(W) 80.122769

UTM (NAD'83)
N. 4,285,825.6
E. 576,280.1

LENDAL SCOTT ARMSTRONG 65 ACRES±
REBAR @ STONE PILE, FOUND

LANDING POINT
WELL NO. WV 513105
STATE PLANE COORDINATES SOUTH ZONE (NAD 27)
N. 626,862.6
E. 2,249,142.3

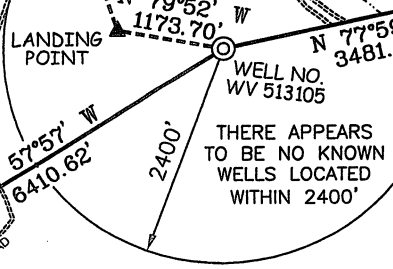
LAT=(N) 38.718281
LONG=(W) 80.126811

UTM (NAD'83)
N. 4,285,888.5
E. 575,928.1

COASTAL FOREST RESOURCES
12,070.039 ACRES±

ALVIN DOUGLAS WOOTEN 100 ACRES±

SUN LUMBER CO., ET AL 1575 ACRES±

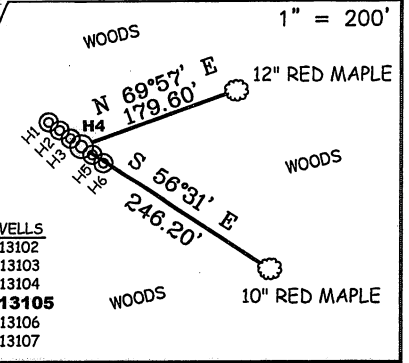


DONALD A. & LINDA J. OLSON 14.79 ACRES±
RANDALL B. TUCKER 7.97 ACRES±
DONALD A. & LINDA J. OLSON 15.43 ACRES±
LANNY A. & MARY L. PROPST 55.07 ACRES±

REFERENCES

NOTES ON SURVEY

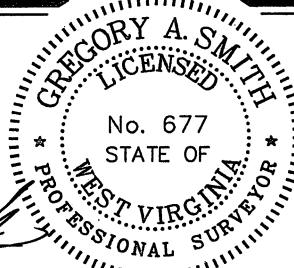
1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 241 PAGE 408.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RANDOLPH COUNTY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



ADO 99 WELLS
H1-WV 513102
H2-WV 513103
H3-WV 513104
H4-WV 513105
H5-WV 513106
H6-WV 513107

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 513105
API WELL NO. 47-083-01248H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6985P513105R2 (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 3,160' (GROUND)/3,160' (PROPOSED) WATERSHED DRY RUN OF LEFT FORK BUCKHANNON RIVER
DISTRICT MIDDLE FORK COUNTY RANDOLPH QUADRANGLE ADOLPH 7.5'

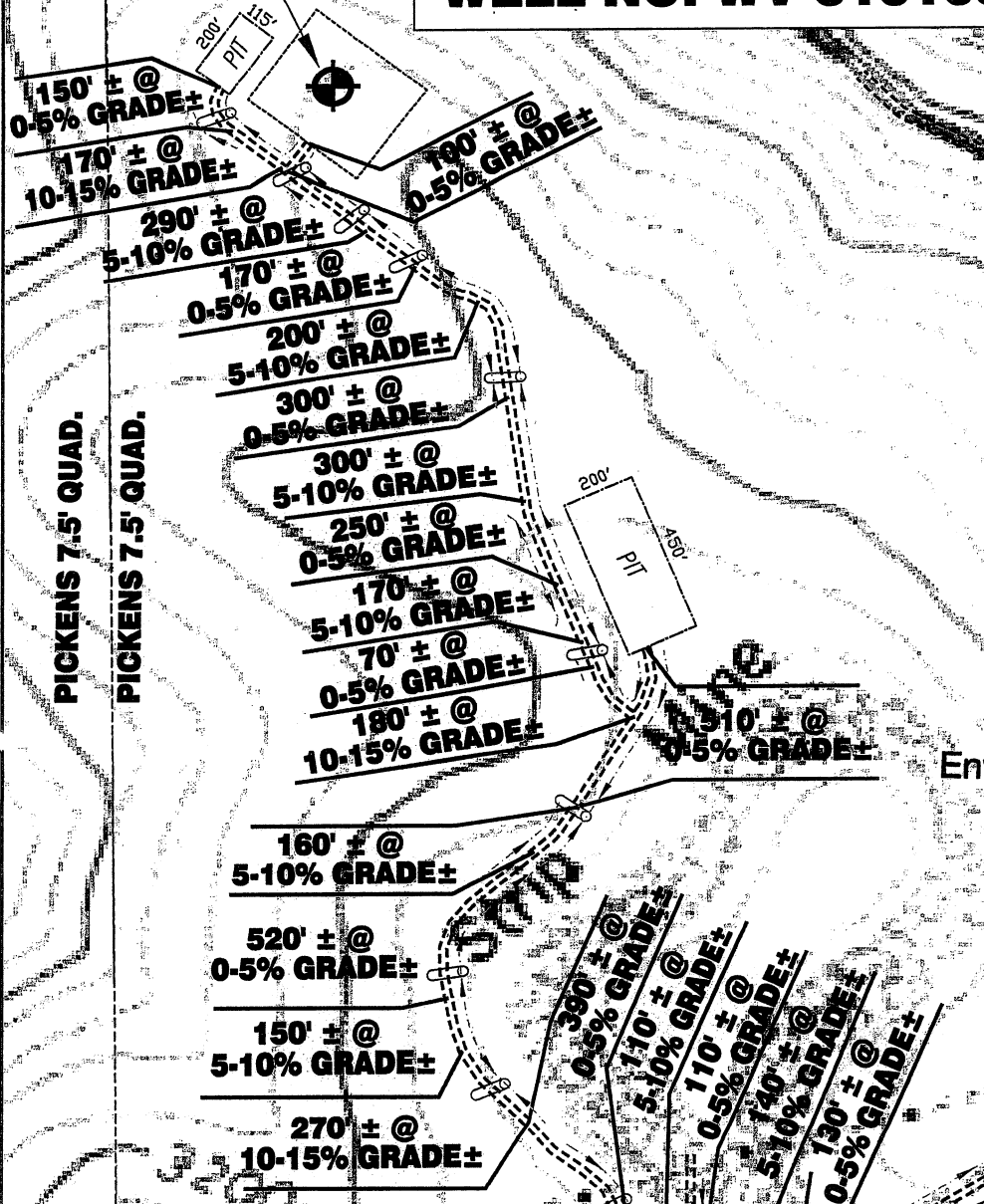
SURFACE OWNER COASTAL FOREST RESOURCES ACREAGE 12,070.04±
ROYALTY OWNER EQT PRODUCTION COMPANY LEASE ACREAGE 14,650±
PROPOSED WORK: LEASE NO. 190028
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH _____

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE CHARLESTON, WV 25302 ADDRESS 1710 PENNSYLVANIA AVENUE CHARLESTON, WV 25302

COUNTY NAME
PERMIT

EQT PRODUCTION COMPANY GAS RIGHT DEED 28 LEASE WELL NO. WV 513105

**PROPOSED
GAS WELL
WV 513105**

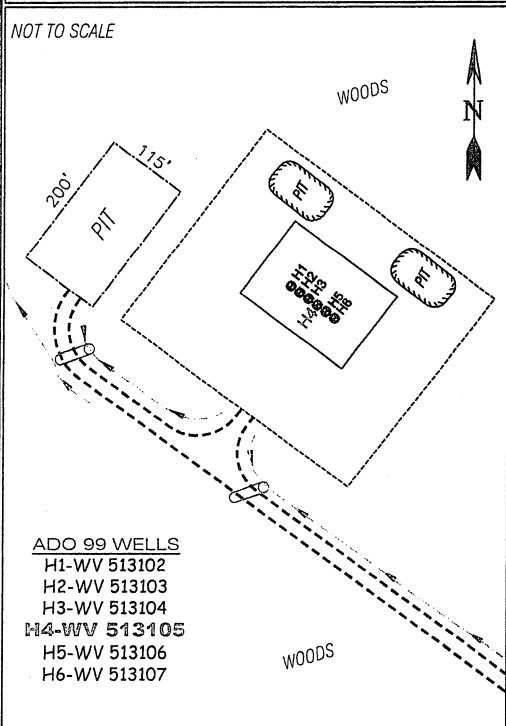


RECEIVED
Office of Oil & Gas
JUL 22 2011

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 513105



- ADO 99 WELLS
 H1-WV 513102
 H2-WV 513103
 H3-WV 513104
 H4-WV 513105
 H5-WV 513106
 H6-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@sls-surveys.com

DRAWN BY C.J.P.	FILE NO. 6985	DATE 07/13/11	CADD FILE: 6985REC0513105FINAL.DWG
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TOPO SECTION OF USGS
ADOLPH 7.5' QUADRANGLE