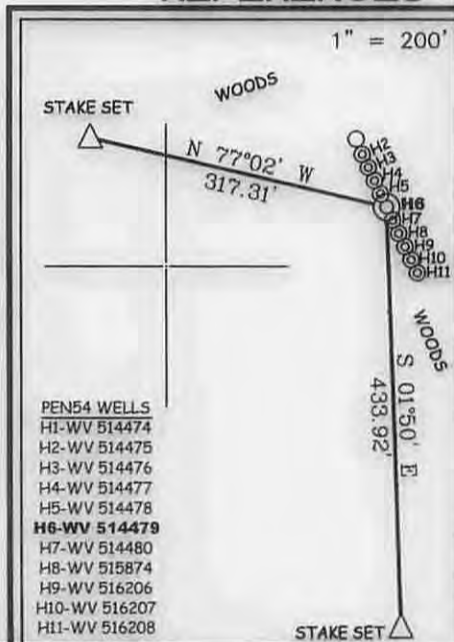


A	JANICE WILLIAMS	1.715 AC±	
B	JUDITH & JO ANN ROBINSON	106.265 AC±	TM 31-22
C	EQT PRODUCTION COMPANY	46.63 AC±	

ROYALTY OWNERS			
MABLE BROADWATER ET AL	380 AC±	LEASE NO. 105412	
MIKE ROSS ET AL	133 AC±	LEASE NO. 893318	
MARY LEE AZELVANDRE ET AL	500 AC±	LEASE NO. 114193	

**REFERENCES**



**EQT PRODUCTION COMPANY  
FLANAGAN LEASE  
268 ACRES±  
WELL NO. WV 514479**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'27 S.P.C.(FT) N. 279,147.30 E. 1,595,806.75  
 NAD'27 GEO. LAT-(N) 39.257608 LONG-(W) 80.927449  
 NAD'83 UTM (M) N. 4,345,375.75 E. 506,274.12

**LANDING POINT**  
 NAD'27 S.P.C.(FT) N. 277,810.53 E. 1,594,364.32  
 NAD'27 GEO. LAT-(N) 39.253875 LONG-(W) 80.932467  
 NAD'83 UTM (M) N. 4,344,961.15 E. 505,841.49

**BOTTOM HOLE**  
 NAD'27 S.P.C.(FT) N. 280,815.87 E. 1,593,387.82  
 NAD'27 GEO. LAT-(N) 39.262083 LONG-(W) 80.936084  
 NAD'83 UTM (M) N. 4,345,871.75 E. 505,528.72

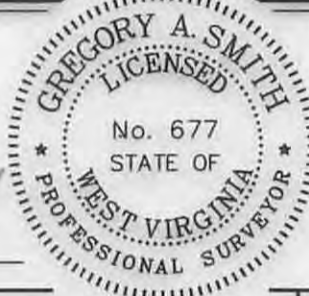
**LEGEND**

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
OFFSET LINE	=====
TIE LINE	=====
CREEK	~~~~~
ROAD	=====
RAIL ROAD	=====
COUNTY ROUTE	=====
STATE ROUTE	=====
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	TM 00-00

**NOTES ON SURVEY**

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.  
  
 SURVEYORS  
 ENGINEERS  
 ENVIRONMENTAL  
 PROJECT MGMT.  
 (304) 482-5434 WWW.SLSURVEYS.COM



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 JUNE 25 , 20 15  
 REVISED \_\_\_\_\_ , 20 \_\_\_\_\_  
 OPERATORS WELL NO. WV 514479  
 API WELL NO. 47 - 085 - 10229 H64  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8083P514479  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE 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: GROUND PROPOSED  
 ELEVATION 1,018' 1,016' WATERSHED NORTH FORK HUGHES RIVER  
 DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER JERRY MORTON ET AL ACREAGE 243.50±  
 ROYALTY OWNER ELLEN S. FRANCAVIGLIA ET AL ACREAGE 268± LEASE NO. 105403

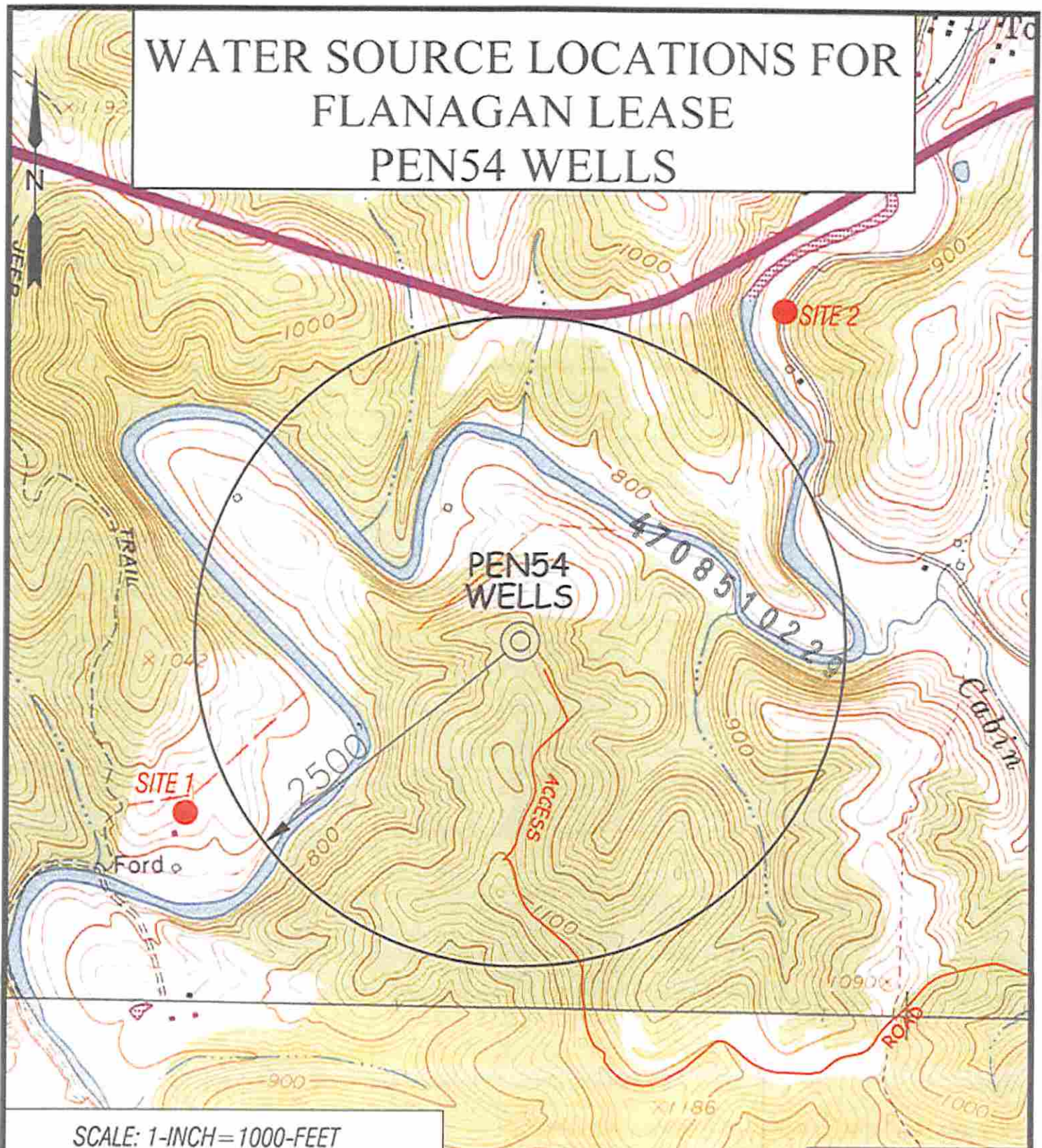
PROPOSED WORK:  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER   
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
 ESTIMATED DEPTH TVD 6,275'

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

COUNTY NAME  
 PERMIT

08/21/2015

# WATER SOURCE LOCATIONS FOR FLANAGAN LEASE PEN54 WELLS



**RECEIVED**  
Office of Oil and Gas  
**WATER WELL**

**Professional Energy Consultants**  
A DIVISION OF SETHUNTERPETERSON, INC.



**SLS**  
SURVEYING  
ENGINEERING  
ENVIRONMENTAL  
PROJECT MGMT.

DRAWN BY: K.D.W. FILE NO: 8083 DATE: 06/02/15 CADD FILE: 8083PEN054.dwg

TOPO SECTION OF:  
PENNSBORO, WV 7.5' QUAD

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
CLAY	RITCHIE	31-09

OPERATOR:  
EQT PRODUCTION COMPANY  
115 PROFESSIONAL PLACE  
P.O. BOX 280 WV Department of  
BRIDGEPORT, WV 26033  
Environmental Protection

JUL 08 2015  
08/21/2015