

Parcel	Owner	Area	Map Reference
A	JERRY MORTON ET AL	241.30 AC ±	TM 31-01
B	LUDITH & JO ANN ROBINSON	106.265 AC ±	TM 11-22
C	JANICE WILLIAMS	1.715 AC ±	TM 26-3K 2
D	JANICE WILLIAMS	111.826 AC ±	TM 26-3K 9
E	EQT PRODUCTION COMPANY	46.61 AC ±	
F	WILLIAM & JANET BRADAWATER	37.365 AC ±	
G	WILLIAM & JANET BRADAWATER	107 AC ±	
H	WEST VIRGINIA RAILROAD MAINTENANCE AUTHORITY	P/O 1141.01 AC ±	

**EQT PRODUCTION COMPANY  
FLANAGAN LEASE  
268 ACRES ±  
WELL NO. WV 514474**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

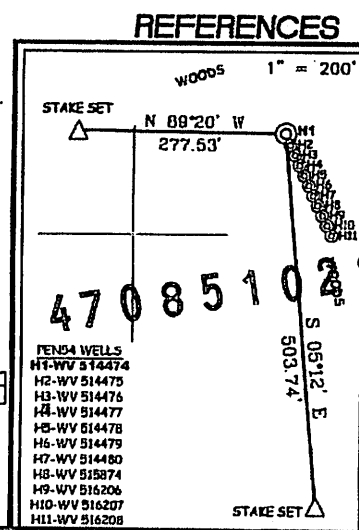
NAD27 S.P.C. (FT) N. 279,215.27 E. 1,595,775.03  
 NAD27 GEO. LAT. (N) 39.257703 LONG. (W) 80.927595  
 NAD83 UTM (M) N. 4,345,396.29 E. 508,284.11

**LANDING POINT**  
 NAD27 S.P.C. (FT) N. 279,608.13 E. 1,595,463.23  
 NAD27 GEO. LAT. (N) 39.258852 LONG. (W) 80.928888  
 NAD83 UTM (M) N. 4,345,513.78 E. 508,167.14

**BOTTOM HOLE**  
 NAD27 S.P.C. (FT) N. 282,896.79 E. 1,584,394.03  
 NAD27 GEO. LAT. (N) 39.267839 LONG. (W) 80.932648  
 NAD83 UTM (M) N. 4,348,510.83 E. 505,924.67

**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

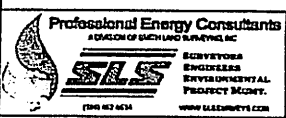


**ROYALTY OWNERS**

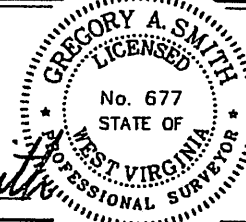
MARY LES AZELMAN GRIS ET AL	800 AC ±	LEASE NO. 114193
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**NOTES ON SURVEY**

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.



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.



(\*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JUNE 1 20 15

REVISED \_\_\_\_\_ 20 \_\_\_\_\_

OPERATORS WELL NO. WV 514474

API WELL NO. 47 - -

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8083P514474

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 1,016' 1,016' WATERSHED NORTH FORK HUGHES RIVER

DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER JERRY MORTON ET AL ACREAGE 268.3

ROYALTY OWNER ELLEN S. FRANCAVIGLIA ET AL ACREAGE 268.3

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 105403'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. [REDACTED]

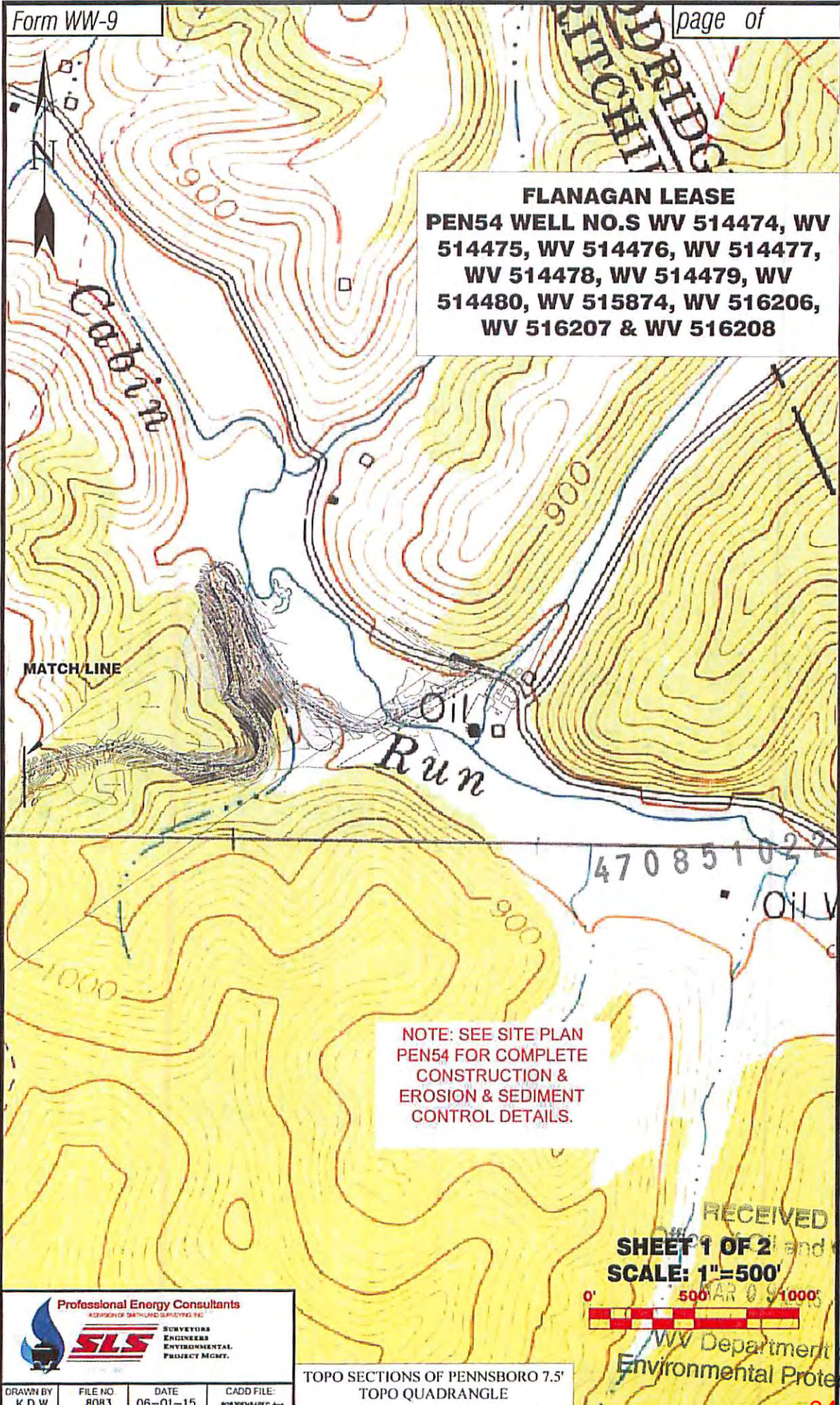
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

**RECEIVED**  
Office of Oil and Gas  
MAR 09 2015  
WV Department of Environmental Protection



4708510222

**FLANAGAN LEASE  
PEN54 WELL NO.S WV 514474, WV  
514475, WV 514476, WV 514477,  
WV 514478, WV 514479, WV  
514480, WV 515874, WV 516206,  
WV 516207 & WV 516208**



MATCH LINE

Oil Run

NOTE: SEE SITE PLAN  
PEN54 FOR COMPLETE  
CONSTRUCTION &  
EROSION & SEDIMENT  
CONTROL DETAILS.

4708510222 MOP

RECEIVED  
SHEET 1 OF 2 and Gas  
SCALE: 1"=500'



WV Department of  
Environmental Protection

Professional Energy Consultants  
A DIVISION OF SAITHLAND SURVEYING INC.



SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

DRAWN BY K.D.W.	FILE NO 8083	DATE 06-01-15	CADD FILE: 808PEN54REC.dwg
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TOPO SECTIONS OF PENNSBORO 7.5'  
TOPO QUADRANGLE

04/22/2016