

3,086'  
4,526'  
LATITUDE 39°17'30"  
LONGITUDE 80°55'00"

NAD 27 GRID NORTH

8,678'  
12,338'

**LEGEND**

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

A	JERRY MORTON ET AL	243.50 AC±	TM 31-05
B	JUDITH & JO ANN ROBINSON	106.265 AC±	TM 31-22
C	JANICE WILLIAMS	1.715 AC±	TM 26-58.2
D	JANICE WILLIAMS	111.876 AC±	TM 26-58.9
E	EQT PRODUCTION COMPANY	46.63 AC±	
F	WILLIAM & JANET BROADWATER	37.565 AC±	
G	WILLIAM & JANET BROADWATER	107 AC±	
H	WEST VIRGINIA RAILROAD MAINTENANCE AUTHORITY	P/O	1141.03 AC±

ROYALTY OWNERS		
MARY LEE AZELVANDRE ET AL	500 AC±	LEASE NO. 114103

**EQT PRODUCTION COMPANY  
FLANAGAN LEASE  
268 ACRES±  
WELL NO. WV 514474  
(PEN54 H1)**

**AS DRILLED COORDINATES**  
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 279,215.27	E. 1595775.03
NAD'27 GEO.	LAT-(N) 39.257793	LONG-(W) 80.927565
NAD'83 UTM (M)	N. 4,345,396.29	E. 506,284.11

**LANDING POINT**

NAD'27 S.P.C.(FT)	N. 279,311.73	E. 1,595,583.08
NAD'27 GEO.	LAT-(N) 39.258049	LONG-(W) 80.928319
NAD'83 UTM (M)	N. 4,345,424.60	E. 506,199.05

**BOTTOM HOLE**

NAD'27 S.P.C.(FT)	N. 282,896.50	E. 1,594,392.95
NAD'27 GEO.	LAT-(N) 39.267838	LONG-(W) 80.932652
NAD'83 UTM (M)	N. 4,346,510.7	E. 505,824.34



**NOTES ON SURVEY**

- 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.
- AS DRILLED INFORMATION PROVIDED BY EQT.

**Professional Energy Consultants**  
A DIVISION OF SETH SMITH SURVEYING, INC.

**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

(304) 452-8534  
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. 849 *C. Victor Moyers*

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

DATE JUNE 1, 20 15

REVISED AUGUST 03, 20 16

OPERATORS WELL NO. WV 514474

API WELL NO. 47 - 085 - 10222H

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8083AD514474

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:  
PAD ELEVATION 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±

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 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

09/15/2017