

**EQT PRODUCTION COMPANY
FLANAGAN LEASE
268 ACRES±
WELL NO. WV 514478
(PEN54 H5)
AS DRILLED COORDINATES
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)**

NAD'27 S.P.C. (FT)	N. 279,160.90	E. 1,595,800.41
NAD'27 GEO.	LAT. (N) 39.257645	LONG. (W) 80.927472
NAD'83 UTM (M)	N. 4,345,379.86	E. 506,272.12

LANDING POINT

NAD'27 S.P.C. (FT)	N. 278,796.15	E. 1,594,903.95
NAD'27 GEO.	LAT. (N) 39.256604	LONG. (W) 80.930617
NAD'83 UTM (M)	N. 4,345,264.17	E. 505,000.87

BOTTOM HOLE

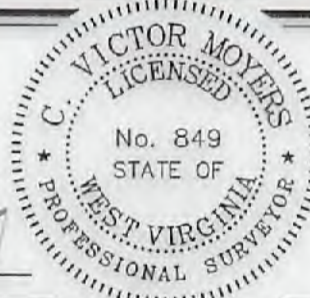
NAD'27 S.P.C. (FT)	N. 281,697.37	E. 1,593,937.70
NAD'27 GEO.	LAT. (N) 39.264527	LONG. (W) 80.934192
NAD'83 UTM (M)	N. 4,346,143.10	E. 505,691.75

Lease #	Owner	Acreage	TM
A	JERRY MORTON ET AL	243.50 AC±	TM 91-05
B	JUDITH & JO ANN ROBINSON	106.265 AC±	TM 91-22
C	JANICE WILLIAMS	1.715 AC±	
D	JANICE WILLIAMS	111.876 AC±	
E	EQT PRODUCTION COMPANY	46.63 AC±	
F	WILLIAM & JANET BROADWATER	37.565 AC±	
G	WILLIAM & JANET BROADWATER	107 AC±	

ROYALTY OWNERS		
MARY LEE AZELVANDRE ET AL	500 AC±	LEASE NO. 114193

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.



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 25, 20 15
 REVISED AUGUST 03, 20 16
 OPERATORS WELL NO. WV 514478
 API WELL NO. 47 - 085 - 10228H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8083AD514478
 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 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

09/15/2017

COUNTY NAME PERMIT