

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	ROY & LINDA HAMMOND	77,088 AC±	TM 26-57.1
F	EQT PRODUCTION COMPANY	46.63 AC±	
G	WV RAILROAD MAINTENANCE AUTHORITY	P/O 1141.03 AC±	
H	WILLIAM & JANET BROADWATER	37,565 AC±	
I	WILLIAM & JANET BROADWATER	107 AC±	

**EQT PRODUCTION COMPANY  
FLANAGAN LEASE  
268 ACRES±  
WELL NO. WV 514477**

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

NAD'27 S.P.C.(FT) N. 279,174.49 E. 1,595,794.06  
 NAD'27 GEO. LAT-(N) 39.257682 LONG-(W) 80.927495  
 NAD'83 UTM (M) N. 4,345,383.96 E. 506,270.12

**LANDING POINT**

NAD'27 S.P.C.(FT) N. 279,589.98 E. 1,596,425.30  
 NAD'27 GEO. LAT-(N) 39.258850 LONG-(W) 80.925290  
 NAD'83 UTM (M) N. 4,345,513.76 E. 506,460.31

**BOTTOM HOLE**

NAD'27 S.P.C.(FT) N. 284,294.86 E. 1,594,896.60  
 NAD'27 GEO. LAT-(N) 39.271699 LONG-(W) 80.930952  
 NAD'83 UTM (M) N. 4,346,939.31 E. 505,970.67

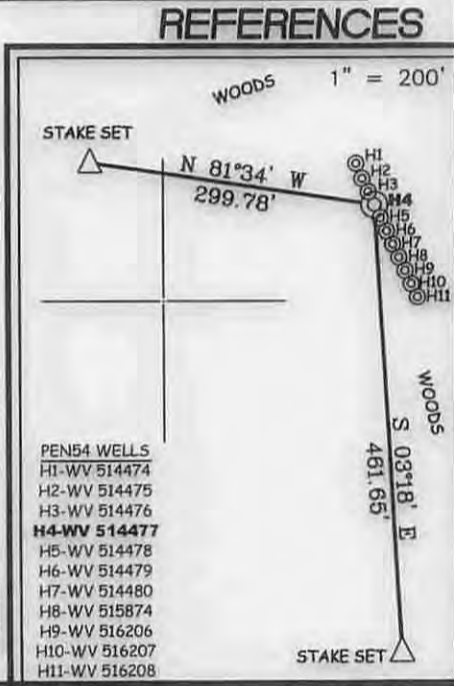
**LEGEND**

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

**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.

ROYALTY OWNERS		
MARY LEE AZELVANDRE ET AL	500 AC±	LEASE NO. 114193
GUY FLANAGAN ET AL	126 AC±	LEASE NO. 1005912



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 514477

API WELL NO. 47 - 085 - 10225 H6A

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8083P514477

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 <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	IF "GAS" PRODUCTION <input checked="" type="checkbox"/>	STORAGE	DEEP	SHALLOW <input checked="" type="checkbox"/>	
LOCATION:	GROUND	PROPOSED							
ELEVATION:	1,016'	1,016'	WATERSHED:	NORTH FORK HUGHES RIVER					
DISTRICT:	CLAY	COUNTY:	ITCHIE	QUADRANGLE:	PENNSBORO 7.5'				
SURFACE OWNER:	JERRY MORTON ET AL			ACREAGE:	243.50±				
ROYALTY OWNER:	ELLEN S. FRANCAVIGLIA ET AL			ACREAGE:	268±				
PROPOSED WORK:				LEASE NO.:	105403				
DRILL <input checked="" type="checkbox"/>	CONVERT	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	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'				

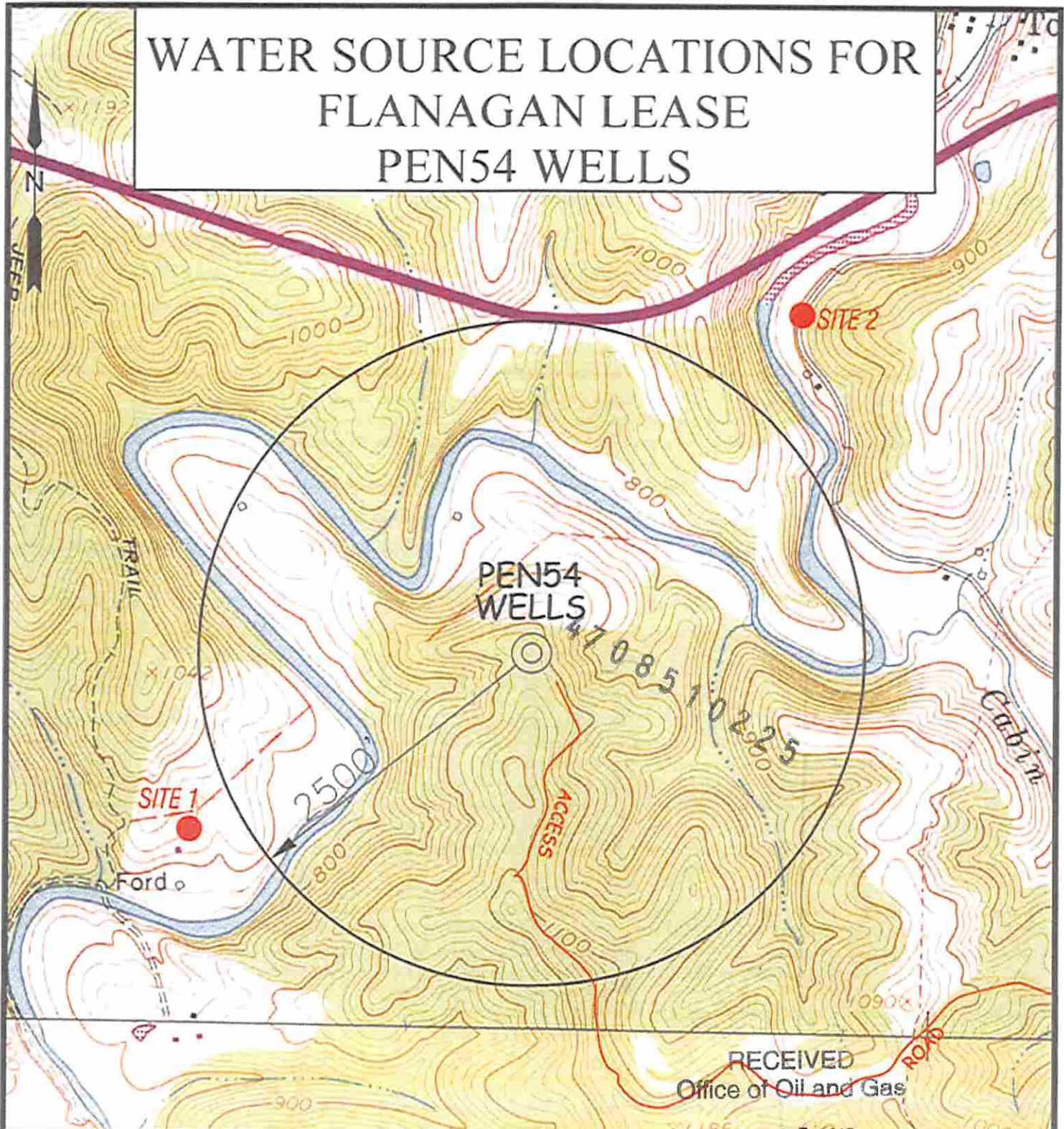
WELL OPERATOR **EQT PRODUCTION COMPANY** DESIGNATED AGENT **REX C. RAY**

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

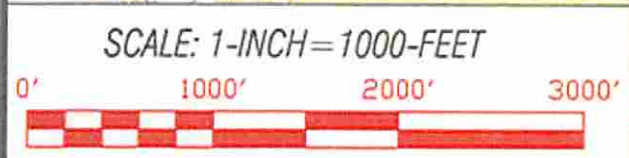
COUNTY NAME PERMIT

08/21/2015

# WATER SOURCE LOCATIONS FOR FLANAGAN LEASE PEN54 WELLS



RECEIVED  
Office of Oil and Gas  
JUL 08 2015



WV Department of Environmental Protection

**LEGEND**  
● WATER WELL

	TOPO SECTION OF: PENNSBORO, WV 7.5' QUAD			OPERATOR: EQT PRODUCTION COMPANY 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26308		
	DRAWN BY K.D.W.	FILE NO. 8083	DATE 06/02/15		CADD FILE: 8083WSPD54.dwg	DISTRICT CLAY

08/21/2015