

# BRENNAN UNIT A 2H (47-049-02162)

**BRENNAN UNIT A 2H (47-049-02162) BOTTOM HOLE STATE PLANE COORDINATES NORTH ZONE**  
(N) 369145 (E) 1772874

**BRENNAN UNIT A 2H (47-049-02162) BOTTOM HOLE L & L DECIMAL**  
39.51073 80.30501

**BRENNAN UNIT A 2H (47-049-02162) BOTTOM HOLE UTM (NAD 83)**  
4373695 559762

**BRENNAN UNIT A 2H (47-049-02162) LANDING POINT STATE PLANE COORDINATES NORTH ZONE**  
(N) 365345 (E) 1775076

**BRENNAN UNIT A 2H (47-049-02162) LANDING POINT L & L DECIMAL**  
39.50035 80.29709

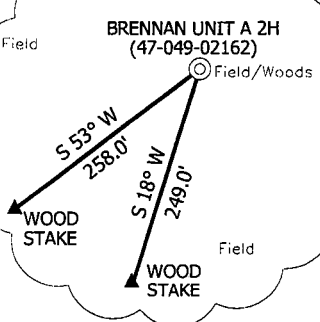
**BRENNAN UNIT A 2H (47-049-02162) LANDING POINT UTM (NAD 83)**  
4372548 580452

**BRENNAN UNIT A 2H (47-049-02162) STATE PLANE COORDINATES NORTH ZONE**  
(N) 365359 (E) 1775509

**BRENNAN UNIT A 2H (47-049-02162) L & L DECIMAL**  
39.50040 80.29556

**BRENNAN UNIT A 2H (47-049-02162) UTM (NAD 83)**  
4372555 560584

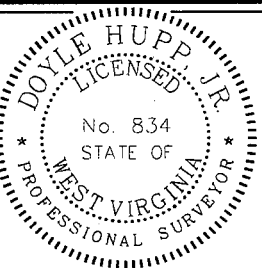
**REFERENCES**  
1" = 200'



**NOTES ON SURVEY**

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A WELL PLAT FOR 47-049-01384 DATED SEPTEMBER 21, 2004 AND INFORMATION PROVIDED BY XTO ENERGY INC. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN AUGUST, 2010 AND INFORMATION PROVIDED BY XTO ENERGY INC. WELL LAT./LONG. ESTABLISHED BY SG-GPS. PLAT ORIGINAL DATES WAS FEBRUARY 17, 2011 AND JULY 15, 2011.

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 NOVEMBER 15, 2011  
OPERATORS WELL NO. BRENNAN UNIT A 2H  
API WELL NO. 47-049-02162  
STATE COUNTY PERMIT  
revise d

P.S.  
8.34  
HUPP Surveying & Mapping  
P.O. Box 647 Grantsville, WV 26147  
(304) 354-7035 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W1745 (BK49-2)  
PROVEN SOURCE OF ELEVATION SG-GPS(OPUS) SCALE 1" = 1000'

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS X INJECTION WASTE DISPOSAL "GAS" PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1,256' WATERSHED EAST RUN  
DISTRICT LINCOLN COUNTY MARION QUADRANGLE MANNINGTON 7.5'

SURFACE OWNER RICHARD & JOCELYN BOWER ACREAGE 94.5±  
ROYALTY OWNER JOHN E. BRENNAN, et al LEASE ACREAGE 155.85±  
PROPOSED WORK: LEASE NO. \_\_\_\_\_  
DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X 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- 7,600' MD-13,000'

WELL OPERATOR XTO ENERGY INC. DESIGNATED AGENT GARY BEALL  
ADDRESS 810 HOUSTON STREET FORT WORTH, TX 76102 ADDRESS P.O. BOX 1008 JANE LEW, WV 26378