

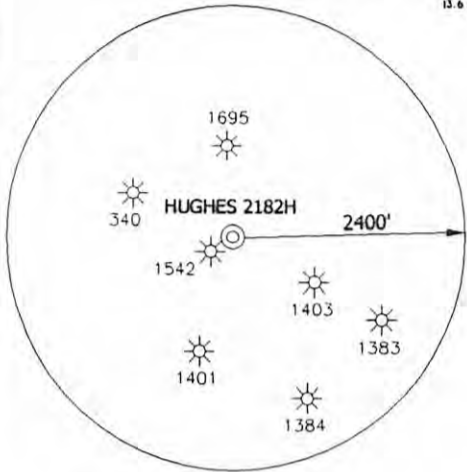
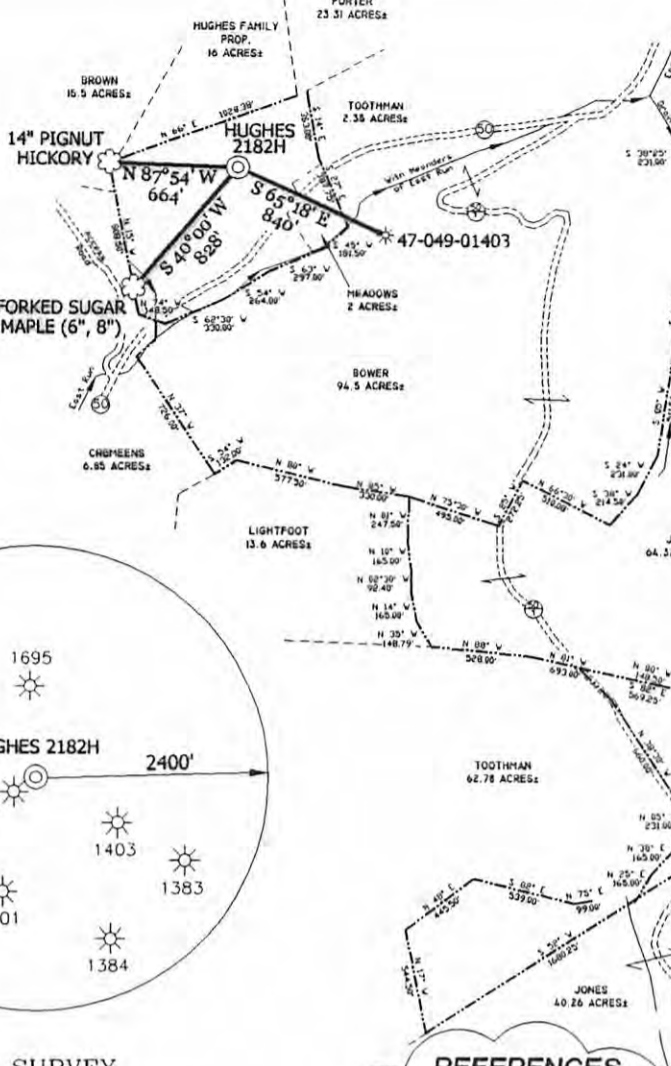
HUGHES LEASE 37 ACRES± HUGHES 2182H

HUGHES 2182H
STATE PLANE
COORDINATES
NORTH ZONE
(N) 366162
(E) 1774342

HUGHES 2182H
L & L DECIMAL
39.50258
80.29972

HUGHES 2182H
BOTTOM HOLE
STATE PLANE
COORDINATES
NORTH ZONE
(N) 363437
(E) 1777647

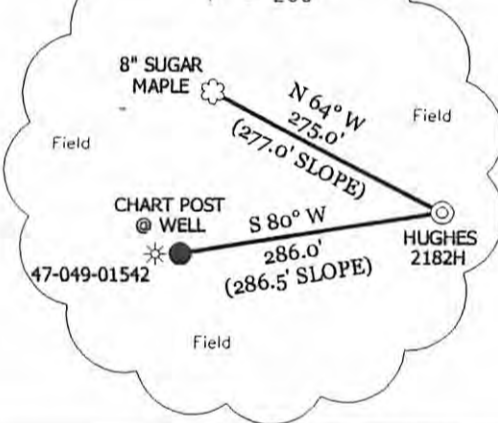
HUGHES 2182H
BOTTOM HOLE
L & L DECIMAL
39.49517
80.28792



NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10-02-08. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A WELL PLAT FOR 47-049-01542 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, 2008 AND INFORMATION PROVIDED BY XTO ENERGY, INC. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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. 834
 Doyle Hupp, Jr.
 HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 12, 20 08
 OPERATORS WELL NO. HUGHES 2182H
 API WELL NO. 47-049-02009H
 STATE WV COUNTY MARION PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1746 (BK37-68)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 1000'

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 : ELEVATION 1,176' WATERSHED EAST RUN

DISTRICT LINCOLN COUNTY MARION QUADRANGLE MANNINGTON 7.5'

SURFACE OWNER HUGHES FAMILY PROPERTY, LLC. ACREAGE 18.93±
 ROYALTY OWNER HUGHES FAMILY PROPERTY, LLC. LEASE ACREAGE 37±

PROPOSED WORK : LEASE NO. 4498
 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 11,600 MD / 7422' TVD

WELL OPERATOR XTO ENERGY, INC. DESIGNATED AGENT GARY BEALL
 ADDRESS 600 EAST EXCHANGE FORT WORTH, TX 76106 ADDRESS P.O. BOX 1008 JANE, WV 26178

09/13/2013