

**BROWNTON NO. 1 UNIT**  
546.608 AC. +-

NAD 27 WV NORTH STATE PLANE COORDINATES:

North	East	Description
241211.17000'	1807653.48000'	BROWIFHS
240735.03648'	1812304.17047'	BOTTOM HOLE

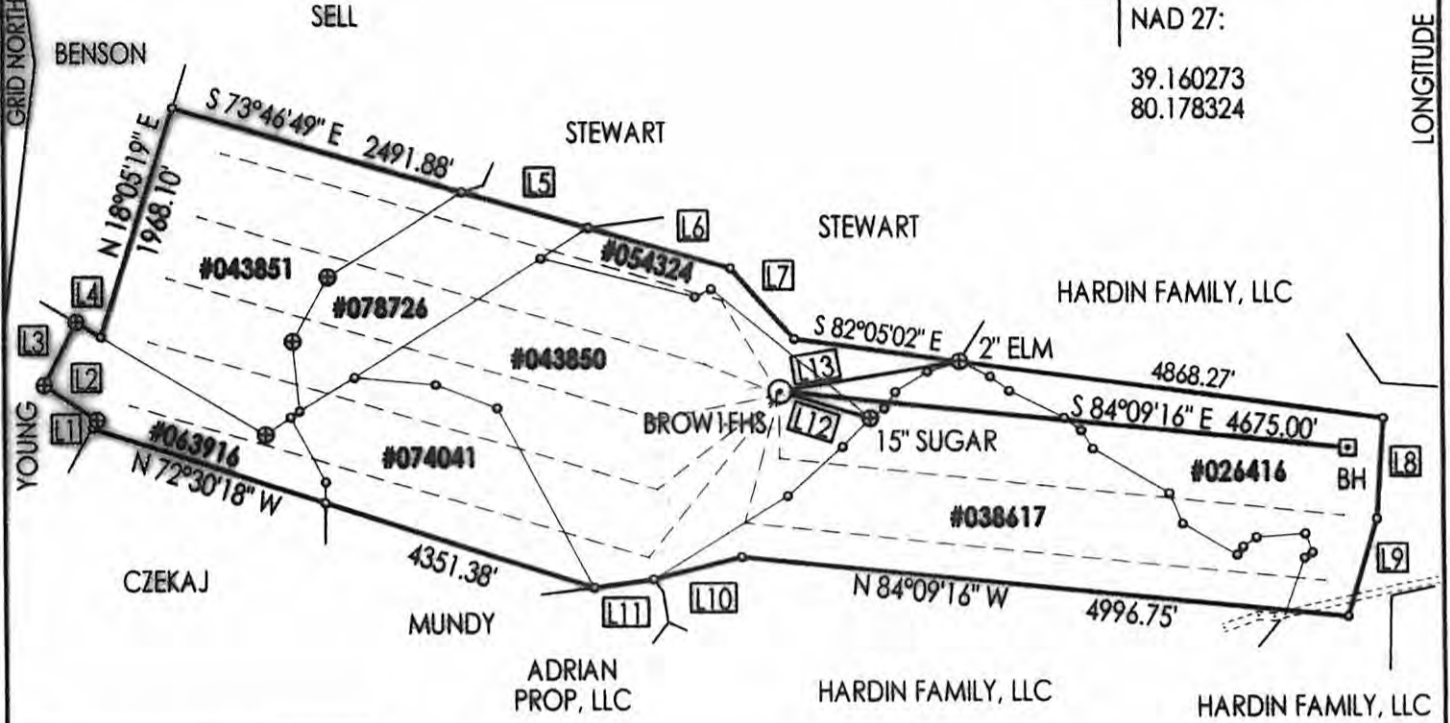
LATITUDE 39-10-00

SCALED COOR.:

3300' WEST  
2335' SOUTH

NAD 27:

39.160273  
80.178324



**WELLS WITHIN 2400' OF BROWIFHS:**

N77-50W, 918' TO 001-01005  
N47-23W, 2150' TO 001-02856  
N09-49E, 2178' TO 001-00006  
N81-11E, 2380' TO 001-02857  
S58-42E, 2248' TO 001-00003  
S37-58E, 985' TO 001-02858  
S07-04W, 1857' TO 001-00846P

**NAD 83 UTM ZONE 17 COOR. IN METERS:**

BROWIFHS = 4,334,894.61 m 571,006.75 m  
BOT. HOLE = 4,334,773.12 m 572,426.06 m

**UNIT BREAKDOWN:**

A. W. MODISSETTE #063916 29.220 AC. 05.35%  
H. D. STUART #043851 90.981 AC. 16.64%  
C. BENSON #078726 40.662 AC. 07.44%  
C. M. HICKMAN #074041 51.432 AC. 09.41%  
W. H. RYMER #043850 133.626 AC. 24.44%  
O. H. RYMER #054324 22.026 AC. 04.03%  
M. D. RILEY #038617 112.258 AC. 20.54%  
M. D. RILEY #026416 66.403 AC. 12.15%

**WELL REFERENCES:**

S09-25E, 216.93' TO 6" B. ELDER  
S10-44W, 275.84' TO 8" W. ASH

Id	Bearing	Distance
L1	N 30°15'53" E	80.03'
L2	N 57°33'45" W	534.43'
L3	N 28°01'03" E	591.99'
L4	S 59°24'41" E	240.44'
L5	S 74°40'01" E	1077.20'
L6	S 74°25'46" E	1228.49'
L7	S 42°04'05" E	788.97'
L8	S 4°04'39" W	825.39'
L9	S 16°48'18" W	840.33'
L10	S 76°04'19" W	757.83'
L11	S 82°16'01" W	497.35'
L12	N 73°29'17" W	780.53'
L13	S 80°21'36" W	1502.99'

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

FILE NUMBER: \_\_\_\_\_  
DRAWING NUMBER: CGCBROWIFHS.PCS  
SCALE: 1" = 1,600'  
MINIMUM DEGREE OF ACCURACY: SUBMETER  
PROVEN SOURCE OF ELEVATION: DGPS SURVEY  
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 DEPARTMENT OF ENERGY.

(SIGNED) \_\_\_\_\_  
STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
#10 McJUNKIN ROAD  
NITRO, WV 25143-2506  
FORM WW-6

LAND SURVEYING SERVICES  
21 CEDAR LANE, BRIDGEPORT, WV 26330  
PHONE: 304-842-2018 OR 842-5762

DATE: NOVEMBER 01, 2010  
OPERATORS WELL NO.: BROWIFHS

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  CBM   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1,310' (399.29 m) WATERSHED ELK CREEK  
DISTRICT ELK COUNTY BARBOUR  
QUADRANGLE BROWNTON

API WELL NO. 47-001-03195H  
STATE WV COUNTY BARBOUR PERMIT CANCELLED

SURFACE OWNER JOHNNY L. STEWART LEASE NUMBER SEE ABOVE  
OIL & GAS ROYALTY OWNER M. D. RILEY, ET. AL. UNIT ACREAGE 140.00 (10-06)  
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE (SPECIFY) HORIZONTAL  
PLUG & ABANDON  CLEAN OUT & REPLUG   
TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD = 8100' TMD = 13800'  
WELL OPERATOR CONSOL GAS COMPANY DESIGNATED AGENT RICHARD K. ELSWICK  
ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378