

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

NAD 27 WV NORTH STATE PLANE COORDINATES:

LATITUDE 39-10-00

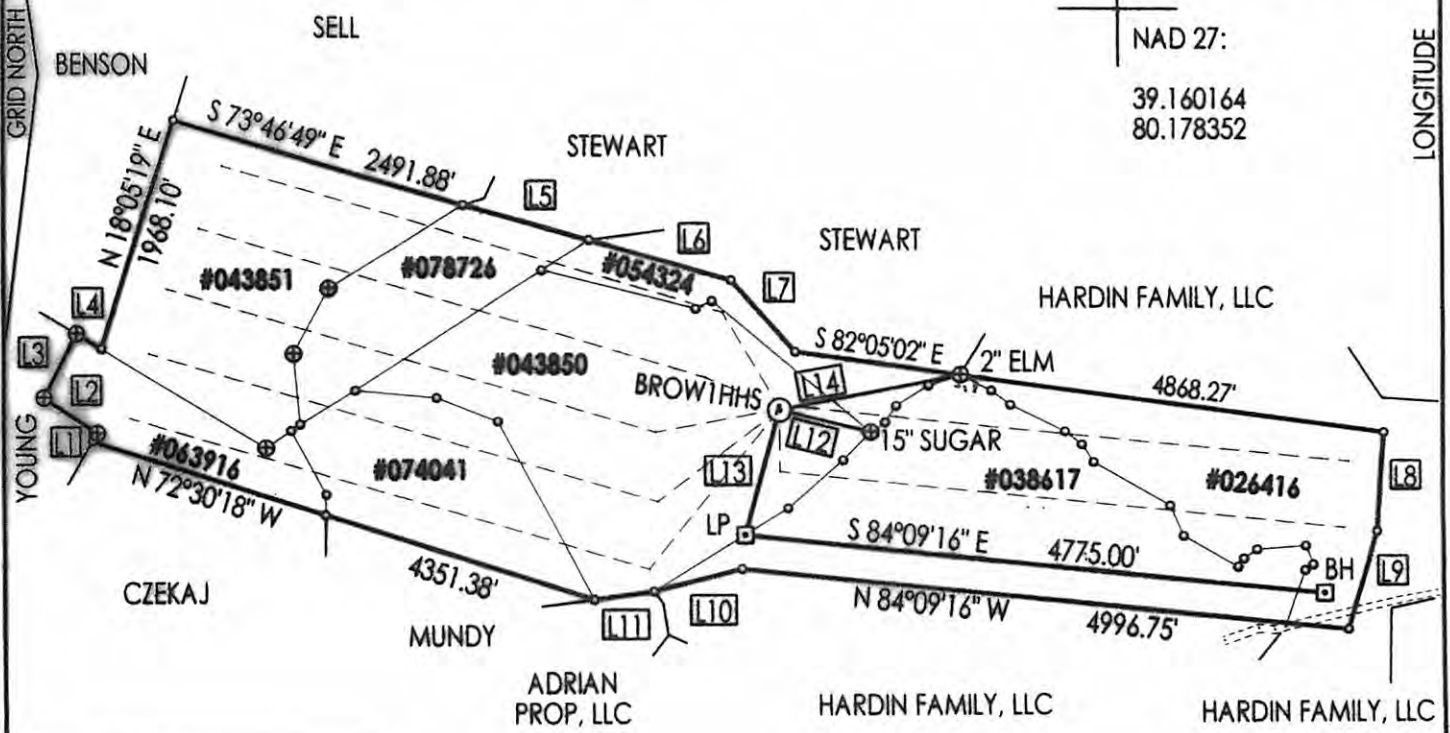
North	East	Description
241171.52000'	1807645.25000'	BROWIHHS
240136.19287'	1807352.90442'	LANDING PT.
239649.87467'	1812103.07490'	BOTTOM HOLE

SCALED COOR.:

3310' WEST  
2375' SOUTH

NAD 27:

39.160164  
80.178352



**WELLS WITHIN 2400' OF BROWIHHS:**

- N75-18W, 919' TO 001-01005
- N46-28W, 2171' TO 001-02856
- N09-51E, 2219' TO 001-00006
- N80-16E, 2395' TO 001-02857
- S59-41E, 2235' TO 001-00003
- S39-49E, 960' TO 001-02858
- S06-58W, 1817' TO 001-00846P

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

BROWIHHS = 4,334,882.49 m 571,004.45 m  
 LAND. PT. = 4,334,565.58 m 570,920.62 m  
 BOT. HOLE = 4,334,441.49 m 572,370.29 m

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 76°27'37" W	778.20'
L13	S 15°46'05" W	1075.81'
L14	S 78°56'12" W	1518.22'

**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:**

S15-40E, 183.54' TO 6" B. ELDER  
 S09-04W, 236.70' TO 8" W. ASH

FILE NUMBER:

DRAWING NUMBER: CGCBROWIHHS.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



PLACE SEAL HERE

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

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

DATE: NOVEMBER 01, 2010

OPERATORS WELL NO.: BROWIHHS

API WELL NO. 47-001-03197H  
 STATE COUNTY PERMIT

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 LEASE NUMBER SEE ABOVE

SURFACE OWNER JOHNNY L. STEWART ACREAGE 140.00 (10-06)

OIL & GAS ROYALTY OWNER M. D. RILEY, ET. AL. UNIT LEASE ACREAGE 546.608

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 = 14400'

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

11/07/2014