

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

NAD 27 WV NORTH STATE PLANE COORDINATES:

| North         | East           | Description |
|---------------|----------------|-------------|
| 241155.82000' | 1807621.08000' | BROWIDHS    |
| 240412.91934' | 1806627.74595' | LANDING PT. |
| 241636.35238' | 1802422.08172' | BOTTOM HOLE |

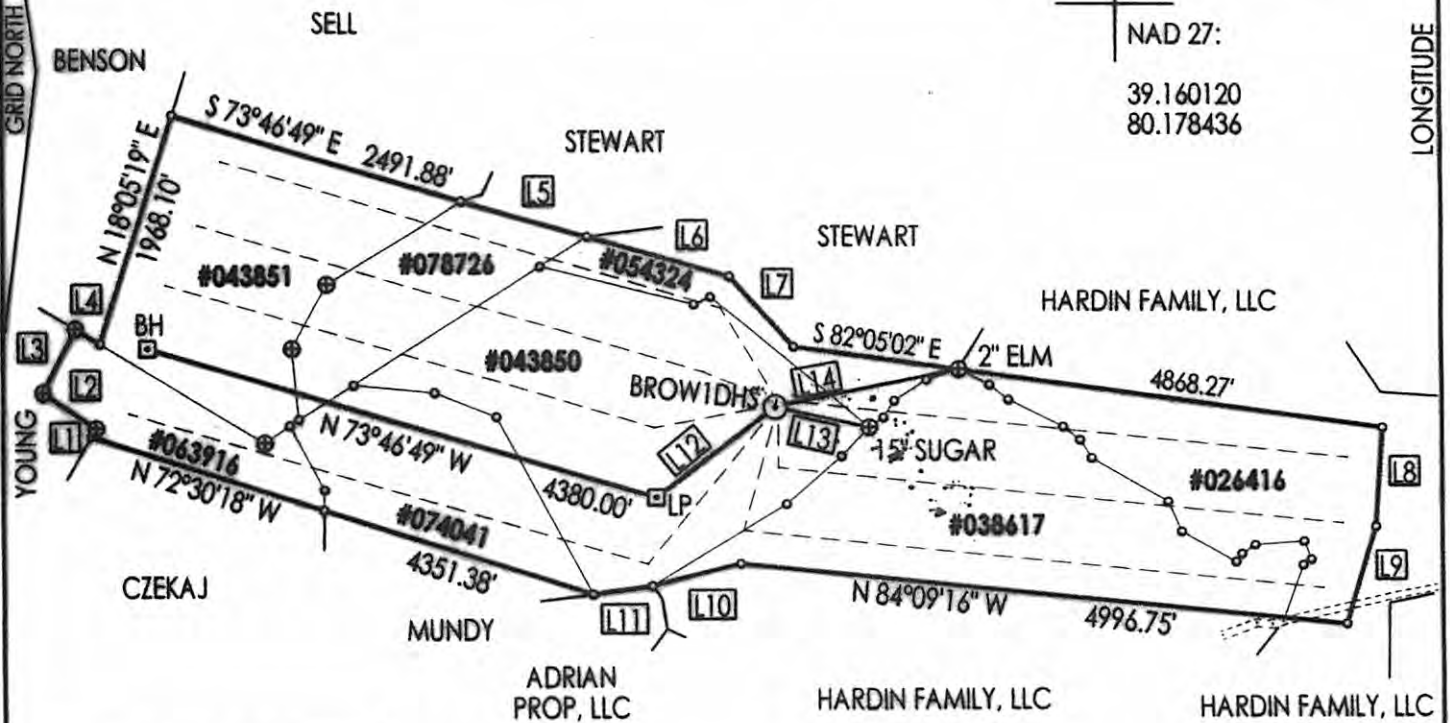
LATITUDE 39-10-00

SCALED COOR.:

3335' WEST  
2390' SOUTH

NAD 27:

39.160120  
80.178436



WELLS WITHIN 2400' OF BROWIDHS:

- N73-57W, 900' TO 001-01005
- N45-44W, 2164' TO 001-02856
- N10-24E, 2238' TO 001-00006
- N80-00E, 2421' TO 001-02857
- S60-20E, 2248' TO 001-00003
- S41-31E, 964' TO 001-02858
- S06-16W, 1798' TO 001-00846P

NAD 83 UTM ZONE 17 COOR. IN METERS:

- BROWIDHS = 4,334,877.58 m 570,997.16 m
- LAND PT. = 4,334,646.21 m 570,698.29 m
- BOT. HOLE = 4,334,997.63 m 569,410.78 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:

- S24-47E, 181.07' TO 6" B. ELDER
- S02-50W, 221.69' 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 | S 53°12'28" W | 1240.41' |
| L13 | N 77°57'44" W | 798.29'  |
| L14 | S 78°32'14" W | 1544.99' |

FILE NUMBER:

DRAWING NUMBER: CGCBROWIDHS.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

FORM WW-6

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.: BROWIDHS

API WELL NO.

47 - 001 - 031934  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION  WASTE DISPOSAL \_\_\_ CBM \_\_\_  
(IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 1,310' (399.29m) 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

TARGET FORMATION MARCELLUS

PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
ESTIMATED DEPTH TVD = 8100' TMD = 14000'

WELL OPERATOR CONSOL GAS COMPANY

DESIGNATED AGENT RICHARD K. ELSWICK

ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

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11/07/2014

COUNTY NAME

PERMIT