

BROWNTON NO. 1 UNIT
546.608 AC. +-

NAD 27 WV NORTH STATE PLANE COORDINATES:

North	East	Description
241194.72000'	1807629.40000'	BROW1BHS
241442.00279'	1807028.27504'	LANDING PT.
242659.84938'	1802841.81476'	BOTTOM HOLE

LATITUDE 39-10-00

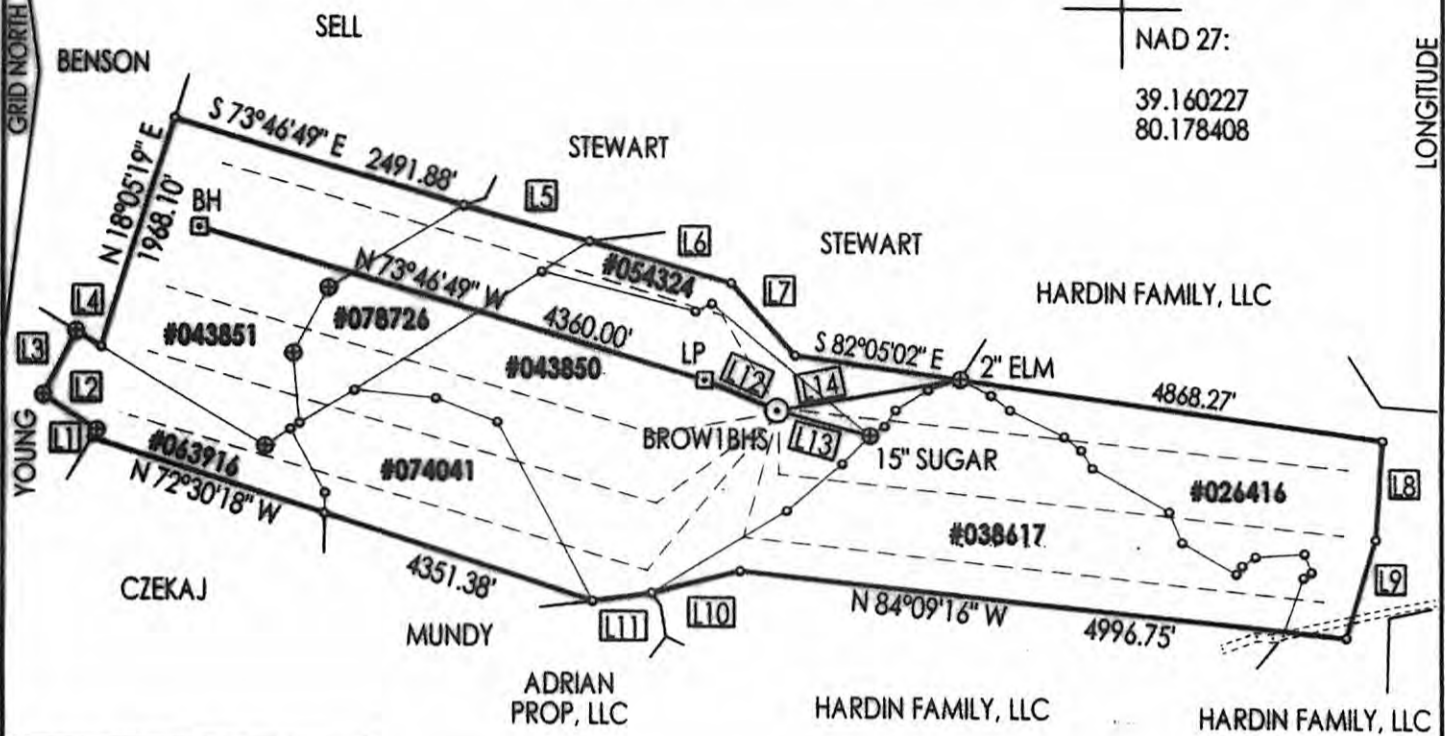
SCALED COOR.:

3325' WEST
2350' SOUTH

NAD 27:

39.160227
80.178408

LONGITUDE 80-10-00



WELLS WITHIN 2400' OF BROW1BHS:

- N76-28W, 898' TO 001-01005
- N46-38W, 2143' TO 001-02856
- N10-22E, 2199' TO 001-00006
- N80-53E, 2407' TO 001-02857
- S59-22E, 2260' TO 001-00003
- S39-39E, 988' TO 001-02858
- S06-23W, 1838' TO 001-00846P

NAD 83 UTM ZONE 17 COOR. IN METERS:

- BROW1BHS = 4,334,889.48 m 570,999.50 m
- LAND. PT. = 4,334,961.77 m 570,815.11 m
- BOT. HOLE = 4,335,311.58 m 569,533.48 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:

- S16-59E, 211.08' TO 6" B: ELDER
- S05-34W, 260.10' 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 67°38'22" W	650.00'
L13	N 75°06'34" W	799.26'
L14	S 79°54'12" W	1529.54'

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

FILE NUMBER: _____
 DRAWING NUMBER: CGCBROW1BHS.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.: BROW1BHS

API WELL NO. 47-001-03191H

STATE WV COUNTY BARBOUR PERMIT CANCELLED

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

TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
 ESTIMATED DEPTH TVD = 8100' TMD = 13400'

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

COUNTY NAME PERMIT

10/27/2014