

LATITUDE 38° 45' 00"

LONGITUDE 81° 15' 00"

Bottom Hole Lat. = 38° 43' 14.5"

Latitude = 38° 43' 09.83"

Well Coordinates
UTM (NAD83) - Meters

Surface	Bottom Hole
N - 4,285,684	N - 4,285,828
E - 476,370	E - 476,527

Location References
(Magnetic Bearing - Slope Dist.)

N30°E 113'	T-Post
N88°E 128'	18" Hickory

NOTES ON SURVEY

- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade) Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).
- 2 - Latitude/Longitude shown are NAD 1927.
- 3 - Surface owner information obtained from the Roane County Assessor's tax records.

- ◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
- ⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. _____

SCALE **1" = 1000'**

MINIMUM DEGREE OF ACCURACY **Sub-Meter**

PROVEN SOURCE OF ELEVATION **DGPS Survey**
(Sub-Meter Mapping Grade)

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) *[Signature]*
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301



DATE **March 1, 2016**

FARM **I.B. Butcher No.128**

API WELL NO. **47 - 087 - 04791 S**

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

LOCATION: ELEVATION **1042'** WATERSHED **Edgell Fork**
DISTRICT **Smithfield** COUNTY **Roane**
QUADRANGLE **Looneyville 7.5'**

SURFACE OWNER **Patty C. Webb** ACREAGE **41.75 Ac.**
OIL & GAS ROYALTY OWNER **HG Energy, LLC., et al** LEASE ACREAGE **30 Ac.**
LEASE NO. **57013-00**

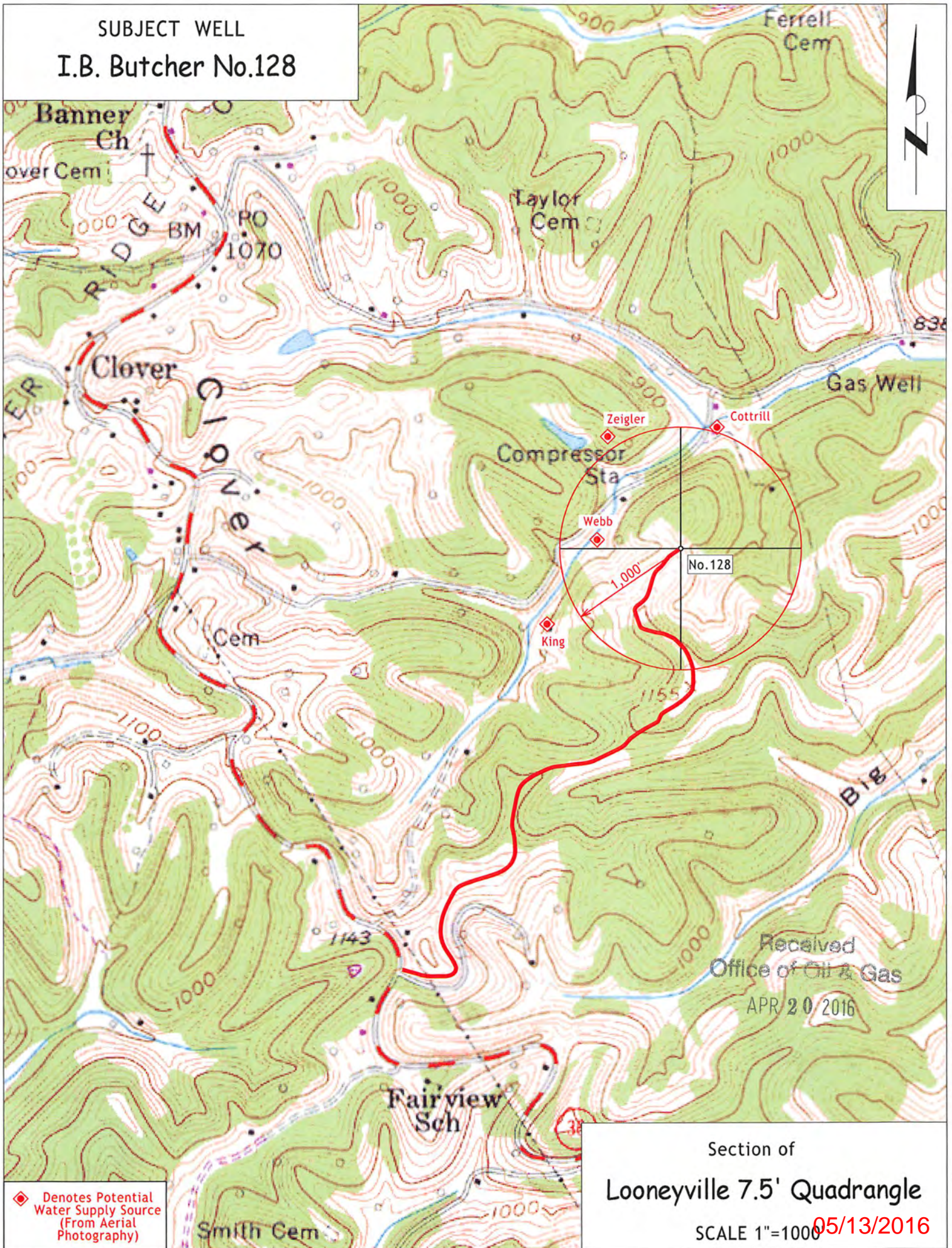
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) **Well will be directionally drilled as shown.**

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION **Big Injun** ESTIMATED DEPTH **2,311' MD**

WELL OPERATOR **HG Energy LLC.** DESIGNATED AGENT **Diane White**
ADDRESS **5260 DuPont Road** ADDRESS **5260 DuPont Road**
Parkersburg, WV 26101 **Parkersburg, WV 26101**

05/13/2016

SUBJECT WELL
I.B. Butcher No.128



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Received
Office of Oil & Gas
APR 20 2016

Section of
Looneyville 7.5' Quadrangle

SCALE 1"=1000' 05/13/2016