

PLAT NOTES

- The drawing shown hereon is from the original drilling permit plat dated 5-23-97.
- This plat has been updated to show current surface ownership and as-drilled Latitude & Longitude.
- Latitude & Longitude shown was measured by DGPS - Sub-Meter Mapping Grade (NAD 1927)

CALL TABLE

A.	S 61° 57' E	1386.00'
B.	S 60° 57' E	728.21'
C.	N 74° 06' E	661.41'
D.	N 34° 28' E	627.00'
E.	N 47° 28' E	198.00'
F.	N 3° 28' E	825.00'
G.	S 17° 36' E	3052.50'

Unit Line & Property Line

WELL TIES

- ① N4° 04' W 1204'
- ② N38° 48' W 2829'

LOCATION REFERENCES

Existing Well

UTM Coordinates

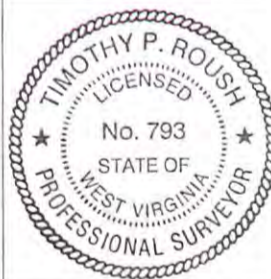
NAD 1983 (m.)
 N - 4,369,840 m.
 E - 526,488 m.

⊕ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. _____
 MAP NO. _____ N _____ S _____ E _____ W _____
 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 MINES.

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



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25304



DATE August 7, 2013
 FARM F.L. Hoge No. H-15
 API WELL NO. 47-103-01739 S

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

LOCATION: ELEVATION 1419' WATERSHED Cale Run
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint 7.5'

SURFACE OWNER State of West Virginia ACREAGE 190 Ac.
 OIL & GAS ROYALTY OWNER HG Energy LLC et al LEASE ACREAGE 190 Ac.
 LEASE NO. 15548-50

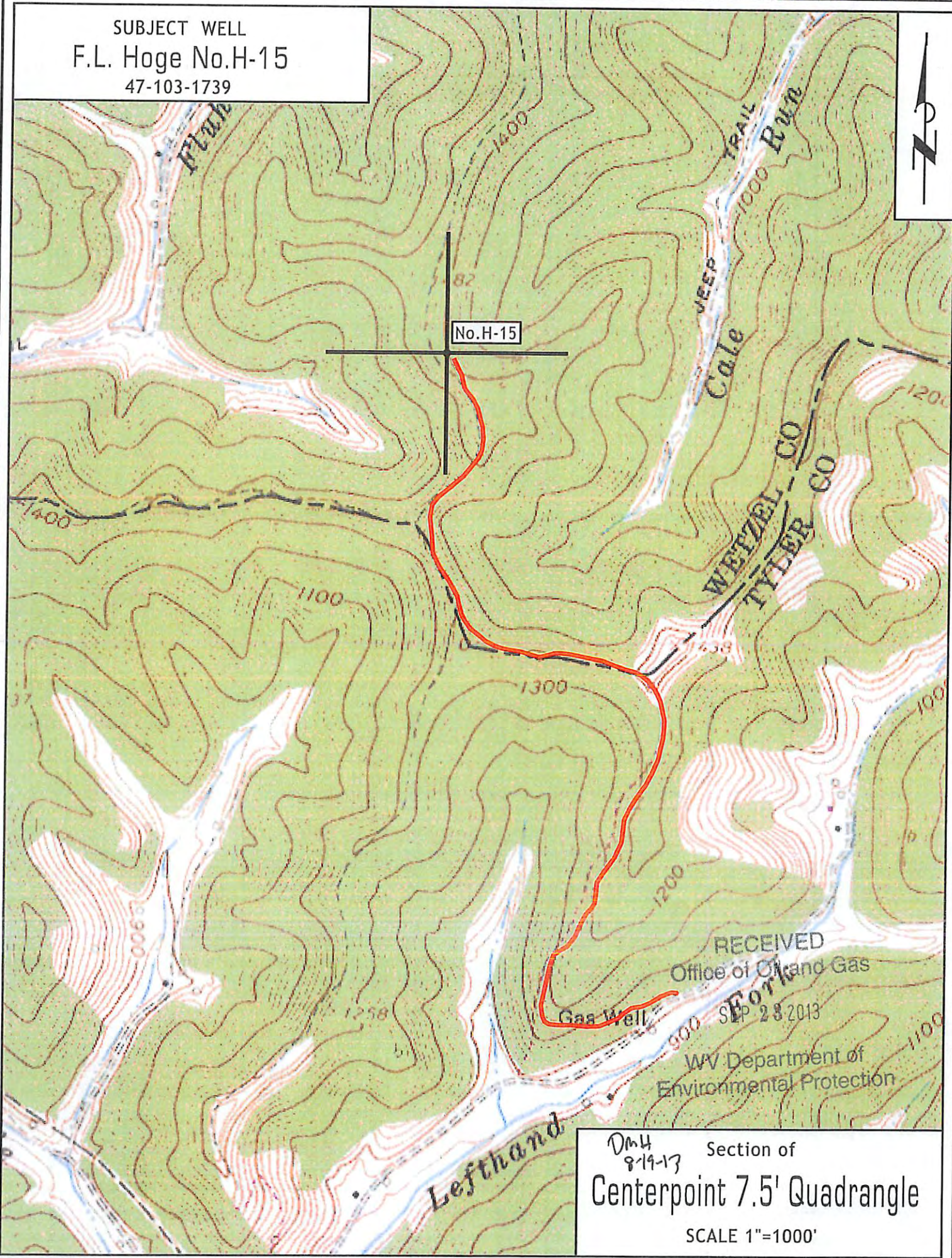
PROPOSED WORK: DRILL _____ CONVERT DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,406'

WELL OPERATOR HG Energy, LLC DESIGNATED AGENT Mike Kirsch
 ADDRESS 5260 Dupont Road ADDRESS 5260 Dupont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101

RECEIVED
 Office of Oil and Gas
 SEP 28 2013
 WV Department of Environmental Protection
 10/25/2013

SUBJECT WELL
F.L. Hoge No.H-15
47-103-1739



RECEIVED
Office of Oil and Gas
SEP 28 2013

WV Department of
Environmental Protection

DMH
8-19-13 Section of
Centerpoint 7.5' Quadrangle
SCALE 1"=1000'