

(Bottom Hole - 80° 38' 48.5")

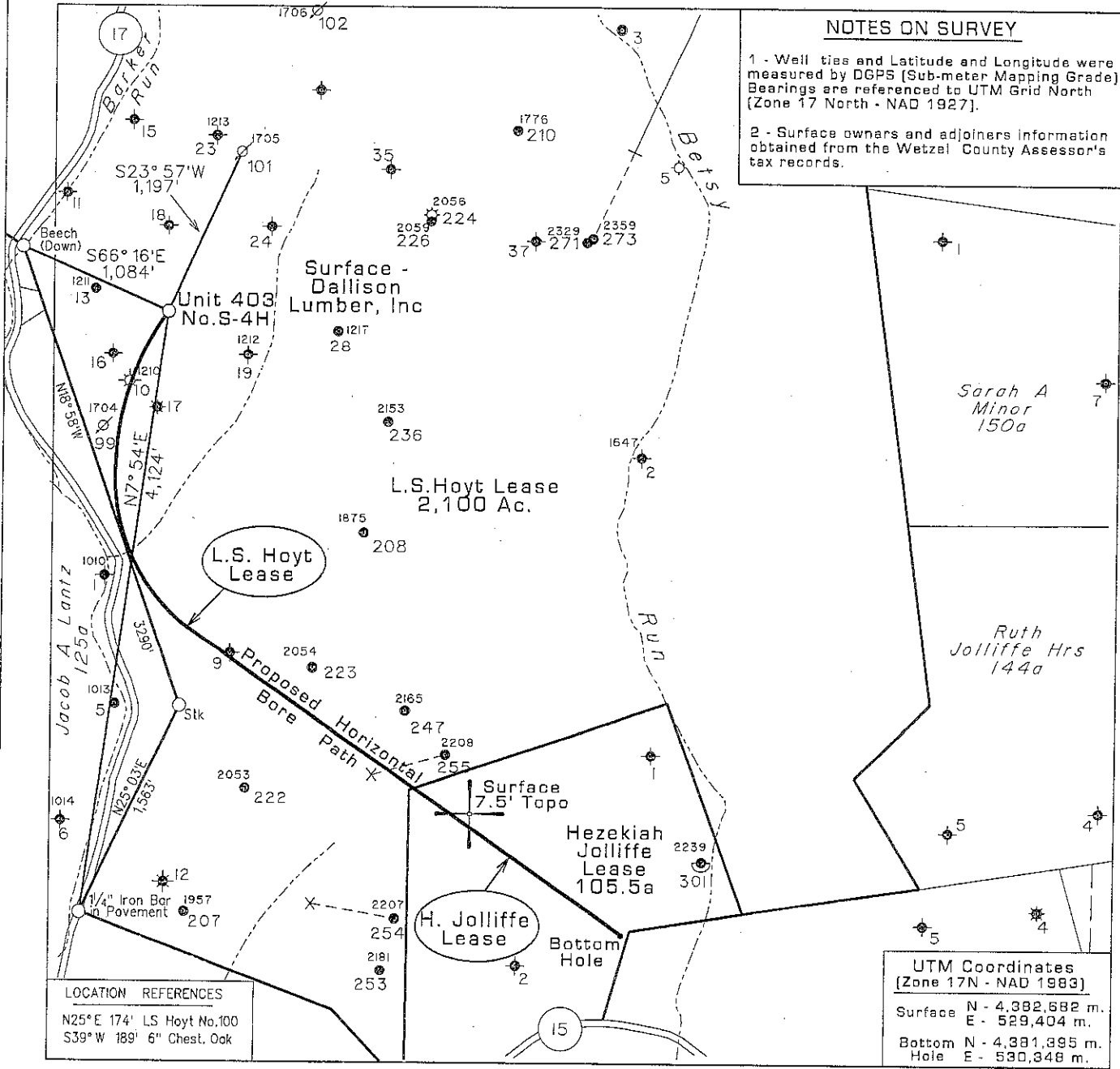
LATITUDE 39° 37' 30"

LONGITUDE 80° 37' 30"
LONGITUDE 80° 34' 53.9"
Longitude - 39° 35' 35.81"

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 - Surface owners and adjoining information obtained from the Wetzel County Assessor's tax records.

UTM Coordinates (Zone 17N - NAD 1983)
Surface N - 4,382,682 m.
E - 529,404 m.
Bottom Hole N - 4,381,895 m.
Hole E - 530,348 m.

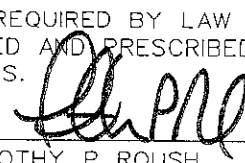


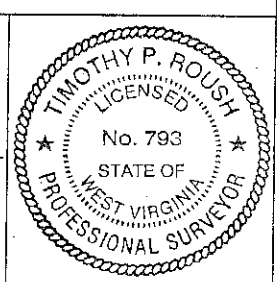
LOCATION REFERENCES

N25° E 174' LS Hoyt No. 100
S39° W 189' 6" Chest. Oak

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

FILE NO. 1047-15
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) 
TIMOTHY P. ROUSH PS 793



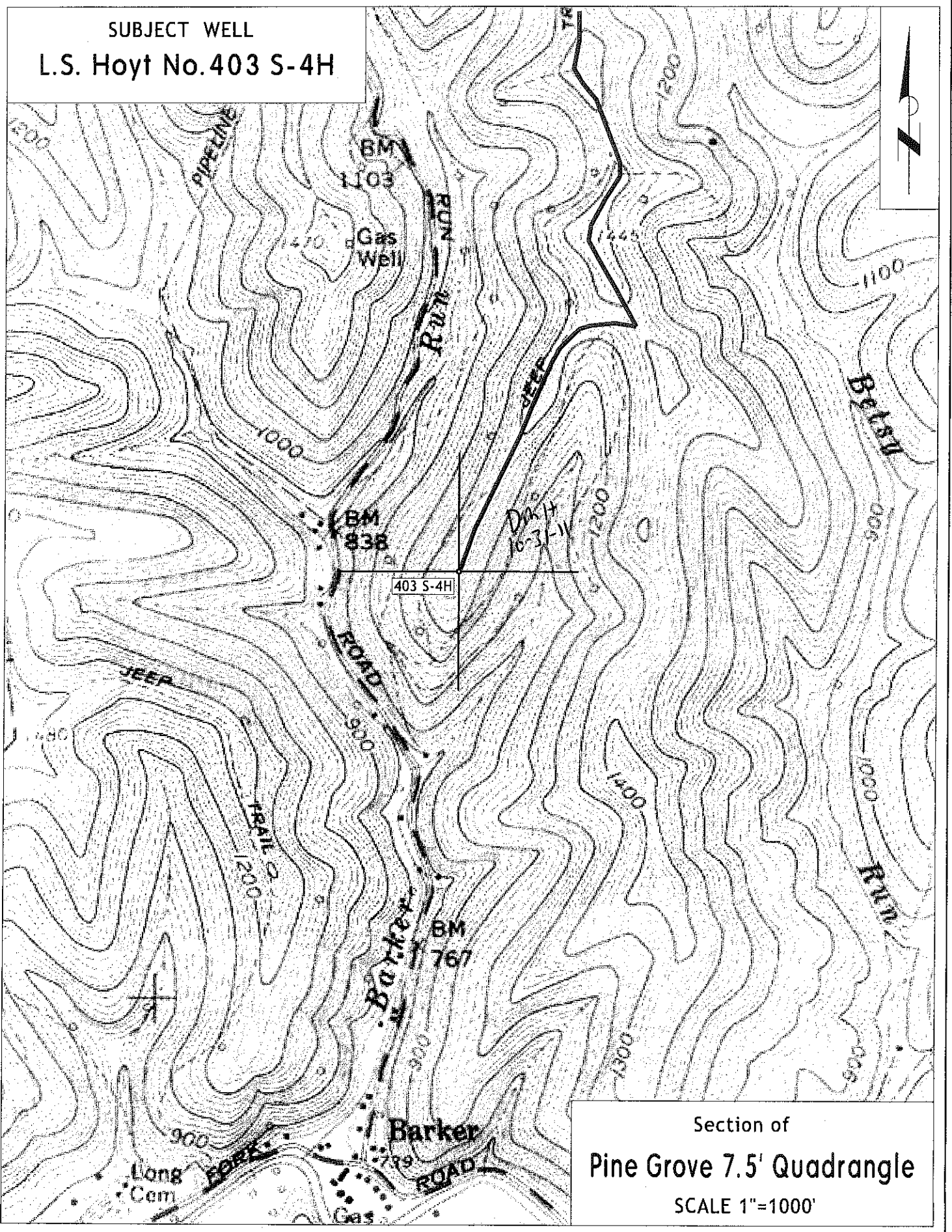
WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25304



DATE October 24, 2011
FARM L.S. Hoyt 403 S-4H
API WELL NO. 47-103-02746 H

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ HORIZONTAL
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW CBM ___
LOCATION: ELEVATION 1,250' WATERSHED Barker Run
DISTRICT Grant COUNTY Wetzel
QUADRANGLE Pine Grove 7.5'
SURFACE OWNER Dallison Lumber Inc. ACREAGE 2099.3 Ac.
OIL & GAS ROYALTY OWNER The Hoyt Foundation et al. LEASE ACREAGE 2100 Ac.
LEASE NO. 99191-00
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 Marcellus Shale ESTIMATED DEPTH 7,075' TVD (12,385' MD)
WELL OPERATOR HG Energy, LLC DESIGNATED AGENT Mike Kirsch
ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

SUBJECT WELL
L.S. Hoyt No. 403 S-4H



Section of
Pine Grove 7.5' Quadrangle
SCALE 1"=1000'

103-02746 H