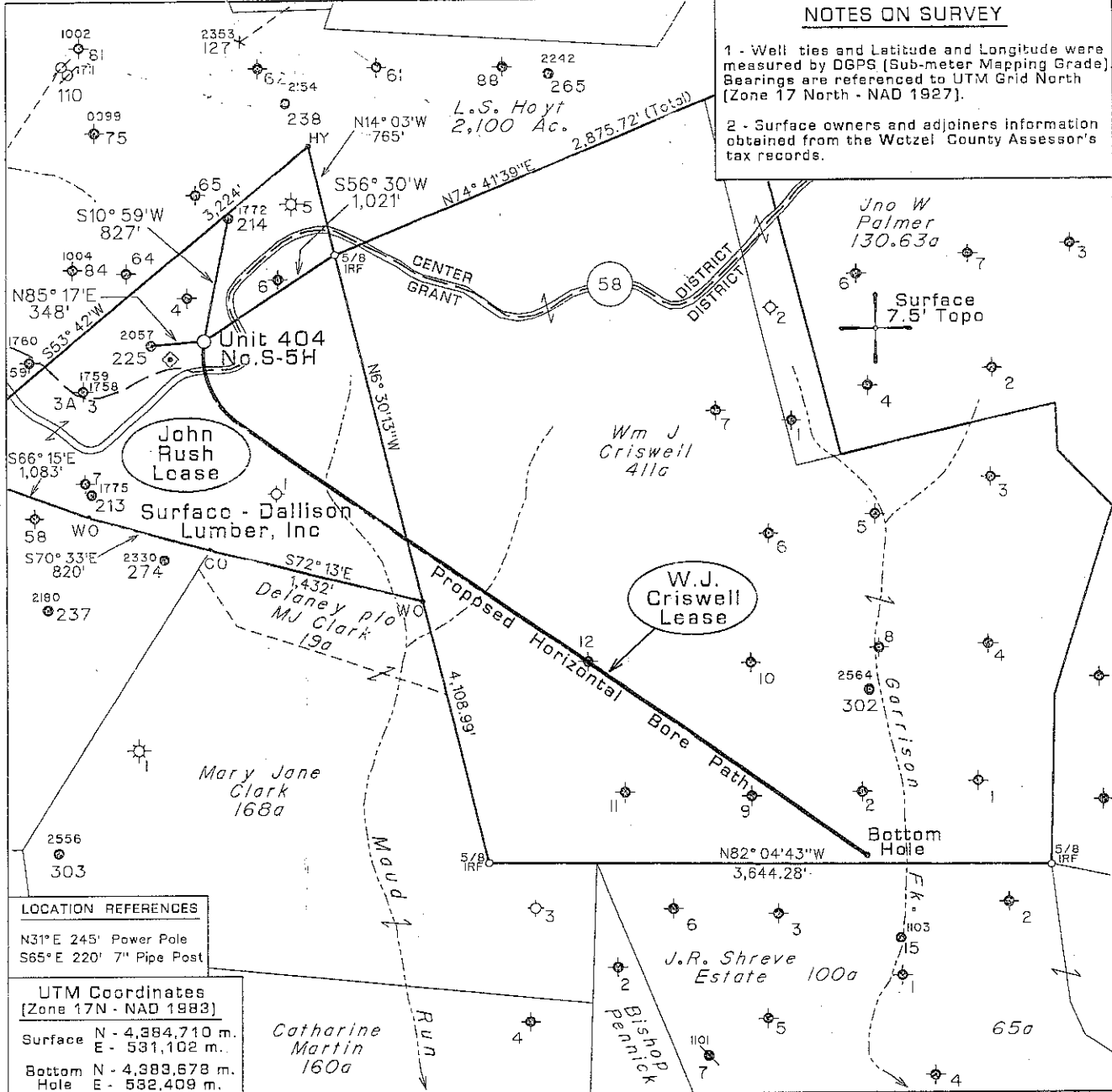


NOTES ON SURVEY

- 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.



LOCATION REFERENCES

N31° E 245' Power Pole  
 S65° E 220' 7" Pipe Post

UTM Coordinates [Zone 17N - NAD 1983]

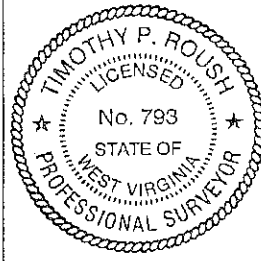
Surface N - 4,384,710 m.  
 E - 531,102 m.  
 Bottom Hole N - 4,389,678 m.  
 E - 532,409 m.

--- 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) [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 September 13, 2011  
 FARM John Rush 404 S-5H  
 API WELL NO. 47-103-02738H

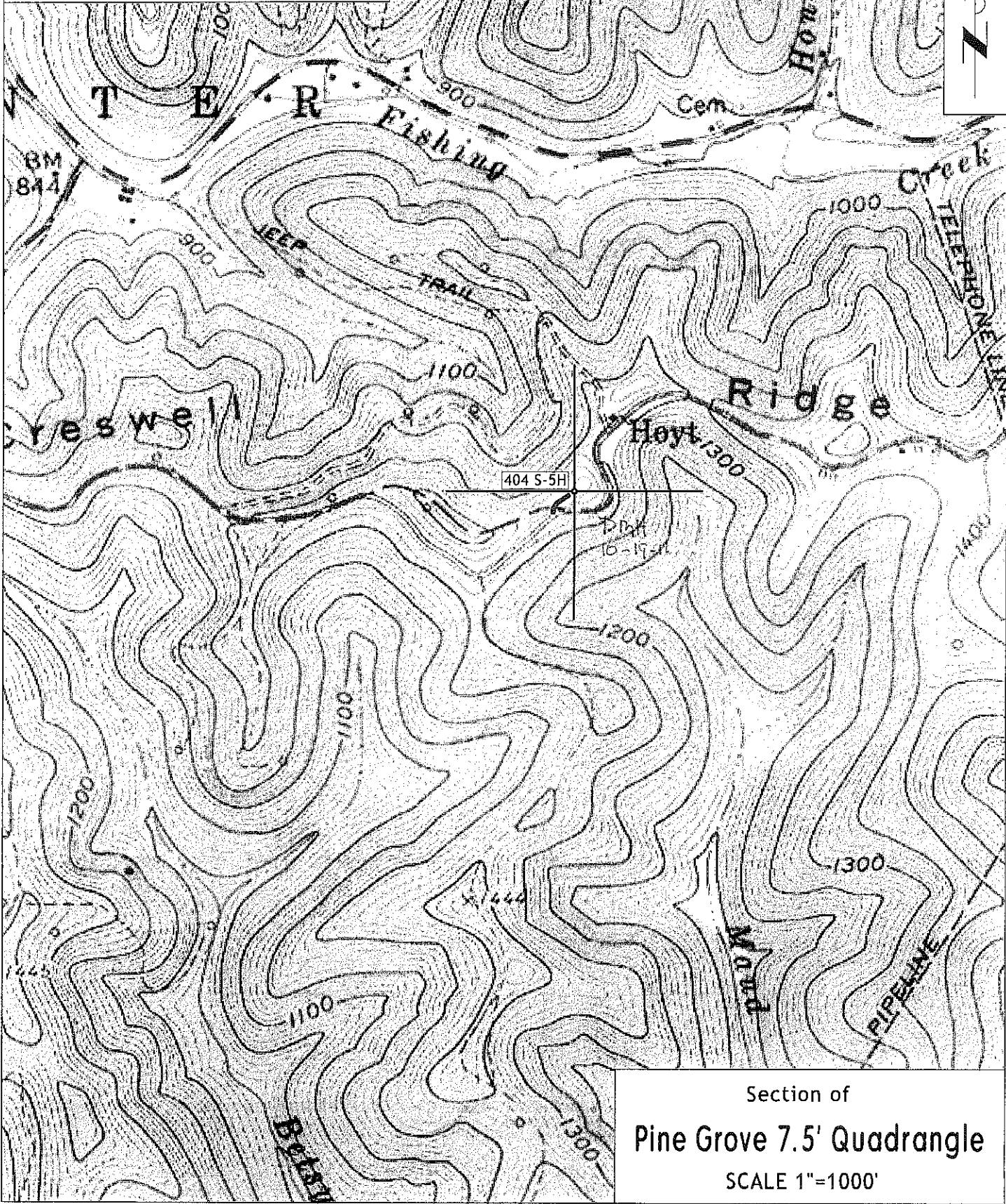
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  HORIZONTAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  CBM   
 LOCATION: ELEVATION 1,450' WATERSHED Little Fishing Creek  
 DISTRICT Center COUNTY Wetzel  
 QUADRANGLE Pine Grove 7.5'

SURFACE OWNER Dallison Lumber Inc. ACREAGE 100 Ac.  
 OIL & GAS ROYALTY OWNER Delbert E. Rush et al. LEASE ACREAGE 101 Ac.  
 LEASE NO. 99324-00

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 7,200' TVD 12,392' 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  
John Rush No. 404 S-5H



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