

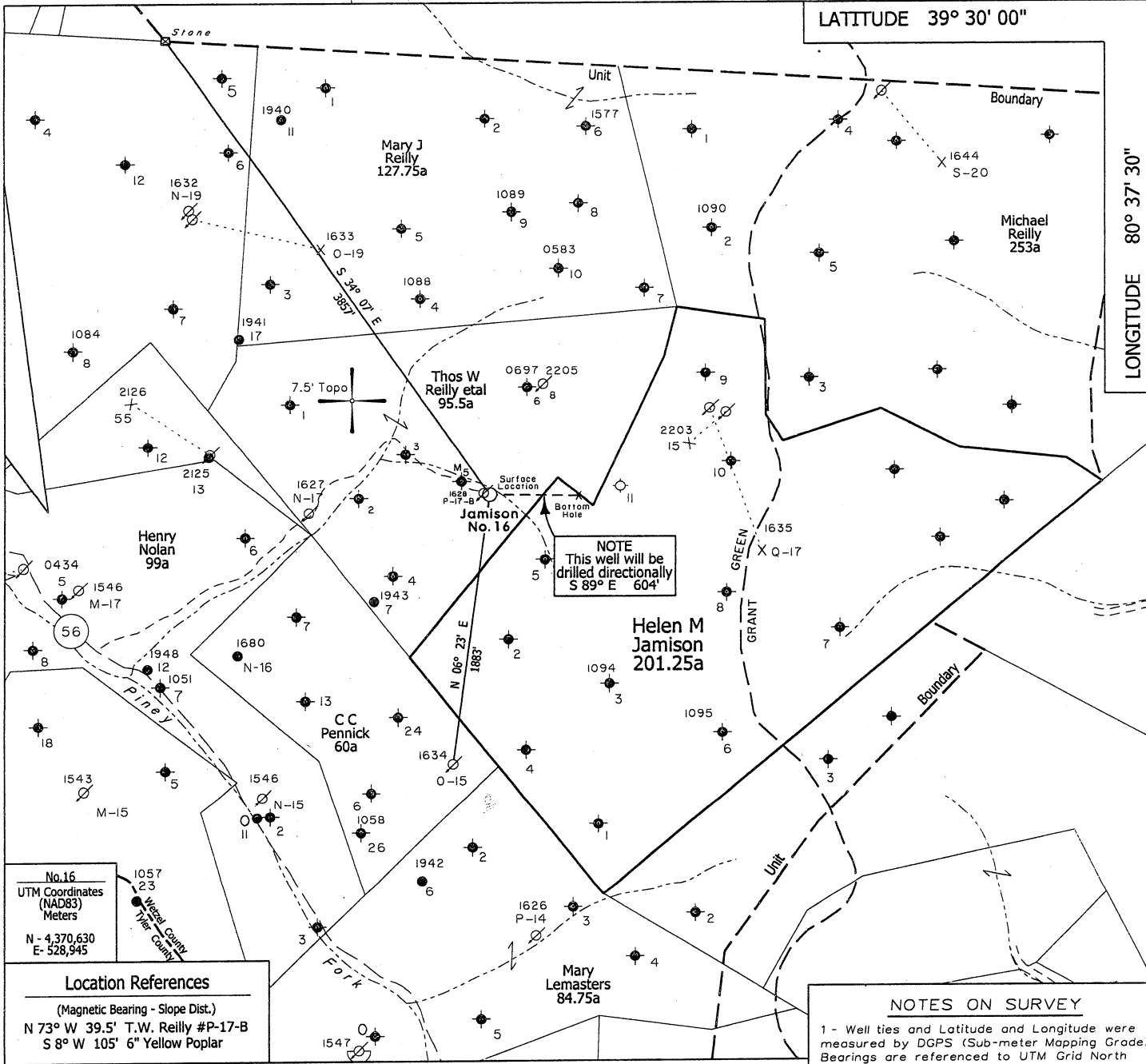
Longitude = 80° 39' 48.9"

10,890'

LATITUDE 39° 30' 00"

LONGITUDE 80° 37' 30"

Latitude = 39° 29' 04.9"



NOTE  
This well will be drilled directionally  
S 89° E 604'

No. 16  
UTM Coordinates  
(NAD83)  
Meters  
N - 4,370,630  
E - 528,945

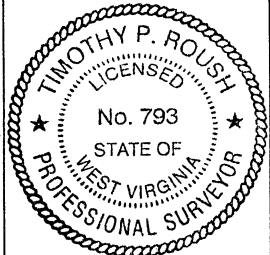
**Location References**  
(Magnetic Bearing - Slope Dist.)  
N 73° W 39.5' T.W. Reilly #P-17-B  
S 8° W 105' 6" Yellow Poplar

**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 adjoiners information obtained from the Wetzel 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. 1046-21  
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 25301



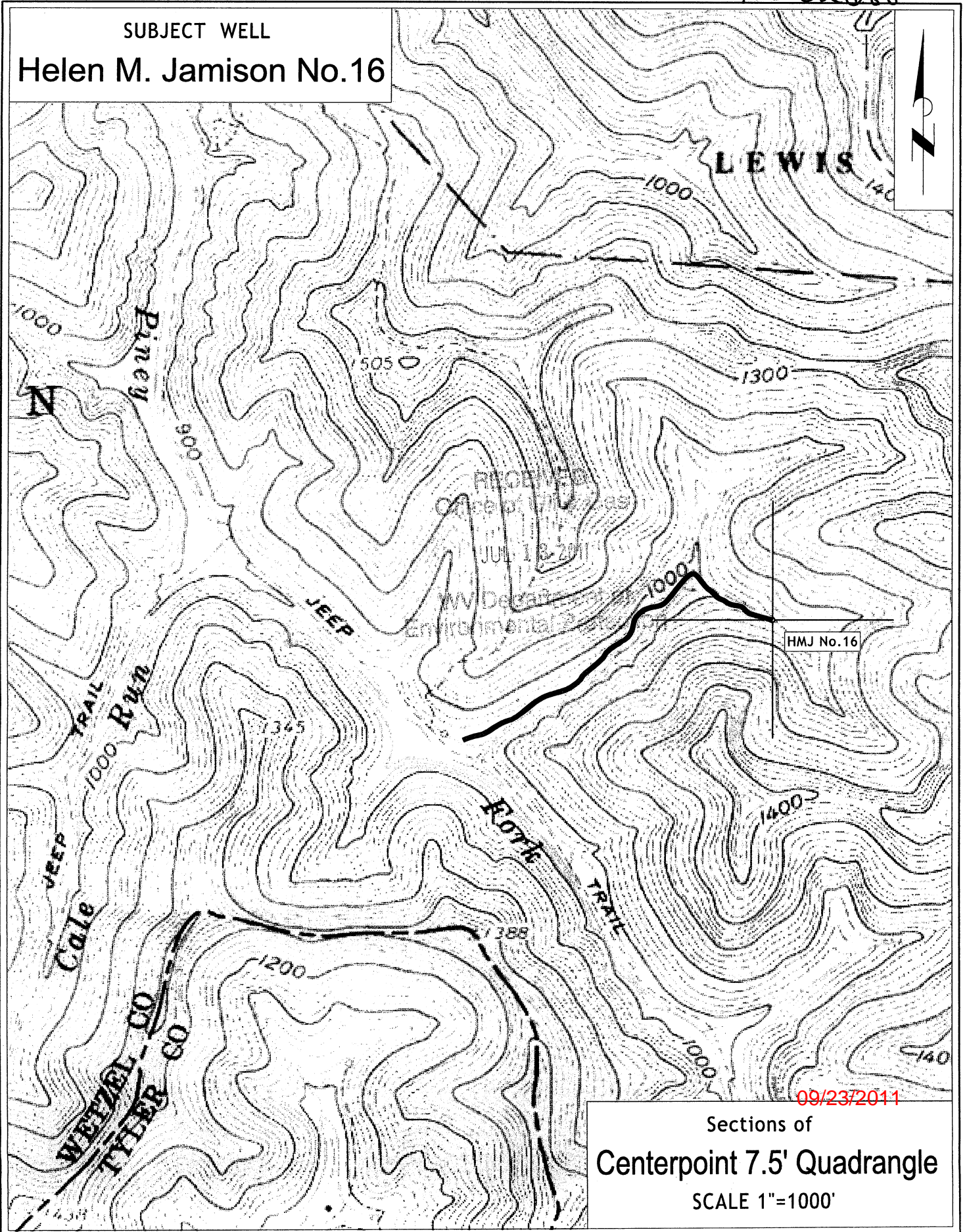
DATE July 8, 2011  
FARM Helen M. Jamison No.16  
API WELL NO. 47-103-02688

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
LOCATION: ELEVATION 1038' WATERSHED Piney Fork  
DISTRICT Green COUNTY Wetzel  
QUADRANGLE Centerpoint 7.5'  
SURFACE OWNER W.Va. Public Land Corp. ACREAGE 201 Ac.  
OIL & GAS ROYALTY OWNER HG Energy LLC., et al. LEASE ACREAGE 201 Ac.  
LEASE NO. 47256-00  
PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 09/23/2011  
PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION Gordon ESTIMATED DEPTH 3300' 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

FORM IV-6

103-02688

SUBJECT WELL  
Helen M. Jamison No.16



Sections of  
Centerpoint 7.5' Quadrangle  
SCALE 1"=1000'

09/23/2011