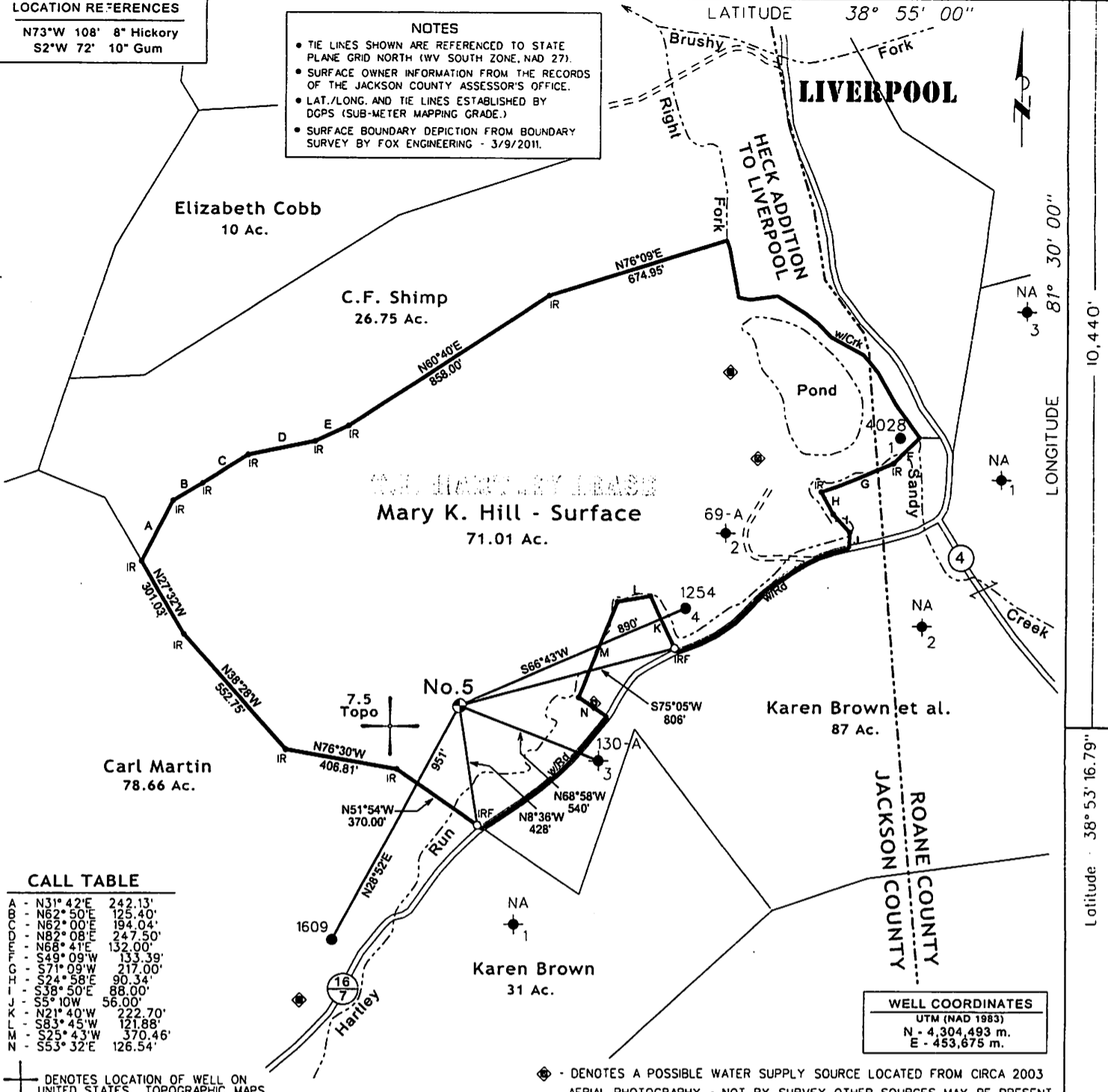


**LOCATION REFERENCES**

N73°W 108' 8" Hickory  
S2°W 72' 10" Gum

**NOTES**

- THE LINES SHOWN ARE REFERENCED TO STATE PLANE GRID NORTH (WV SOUTH ZONE, NAD 27).
- SURFACE OWNER INFORMATION FROM THE RECORDS OF THE JACKSON COUNTY ASSESSOR'S OFFICE.
- LAT./LONG. AND TIE LINES ESTABLISHED BY DGPS (SUB-METER MAPPING GRADE.)
- SURFACE BOUNDARY DEPICTION FROM BOUNDARY SURVEY BY FOX ENGINEERING - 3/9/2011.



**CALL TABLE**

A	- N31° 42' E	242.13'
B	- N62° 50' E	125.40'
C	- N62° 00' E	194.04'
D	- N82° 08' E	247.50'
E	- N68° 41' E	132.00'
F	- S49° 09' W	133.39'
G	- S71° 09' W	217.00'
H	- S24° 58' E	90.34'
I	- S38° 50' E	88.00'
J	- S5° 10' W	56.00'
K	- N21° 40' W	222.70'
L	- S83° 45' W	121.88'
M	- S25° 43' W	370.46'
N	- S53° 32' E	126.54'

**WELL COORDINATES**

UTM (NAD 1983)  
N - 4,304,493 m.  
E - 453,675 m.

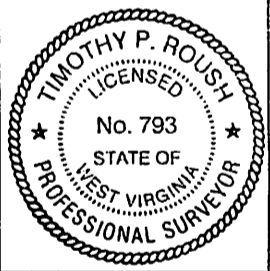
✚ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

◆ DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.

FILE NO. 115-77  
DRAWING NO. 1  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY Sub-Meter  
PROVEN SOURCE OF ELEVATION DGPS Survey

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 July 19, 2012  
FARM T.I. Hartley No.5  
API WELL NO. 47-035-03010

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

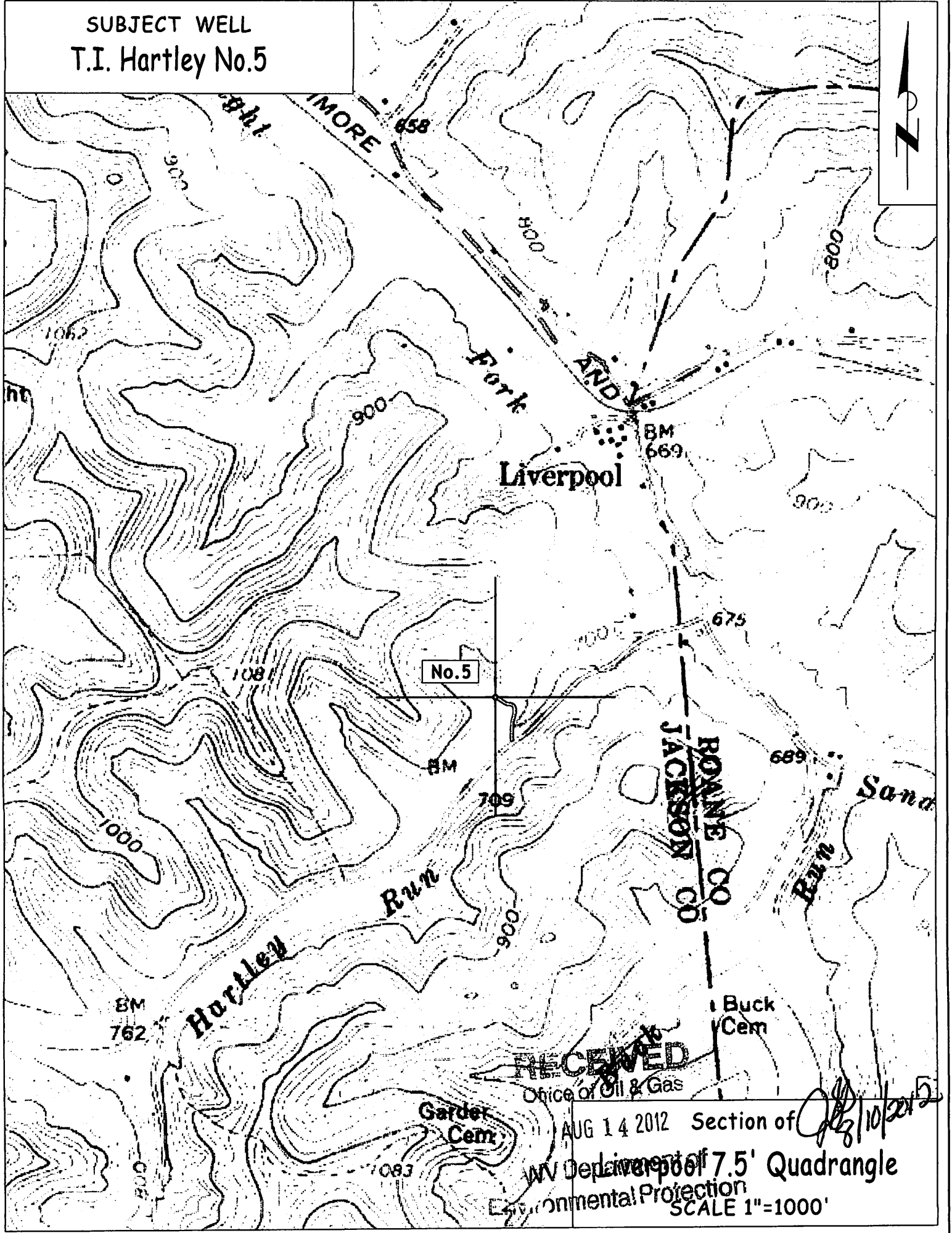
LOCATION: ELEVATION 749' WATERSHED Hartley Run  
DISTRICT Ravenswood COUNTY Jackson  
QUADRANGLE Liverpool 7.5'

SURFACE OWNER Mary K. Hill ACREAGE 71.01 Ac.  
OIL & GAS ROYALTY OWNER Roy G. Hildreth et al. LEASE ACREAGE 280 Ac.  
LEASE NO. \_\_\_\_\_

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 Berea Sand ESTIMATED DEPTH 2,500'  
WELL OPERATOR Petro Holdings, Inc. DESIGNATED AGENT Keith Crihfield  
ADDRESS P.O. Box 987 ADDRESS P.O. Box 987  
Spencer, WV 25276 Spencer, WV 25276

SUBJECT WELL  
T.I. Hartley No.5



RECEIVED  
Office of Oil & Gas

AUG 14 2012 Section of  
WV Department of  
Environmental Protection  
SCALE 1"=1000'

*[Handwritten signature]*  
10/2/12