

SURFACE HOLE DEC. LONG. = 80.19474039  
 SURVEYED LONG. = 80°11'41.07"

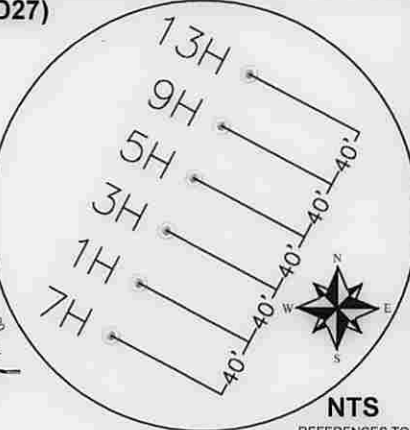
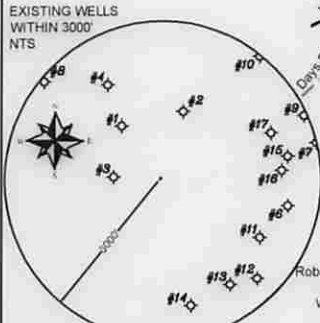
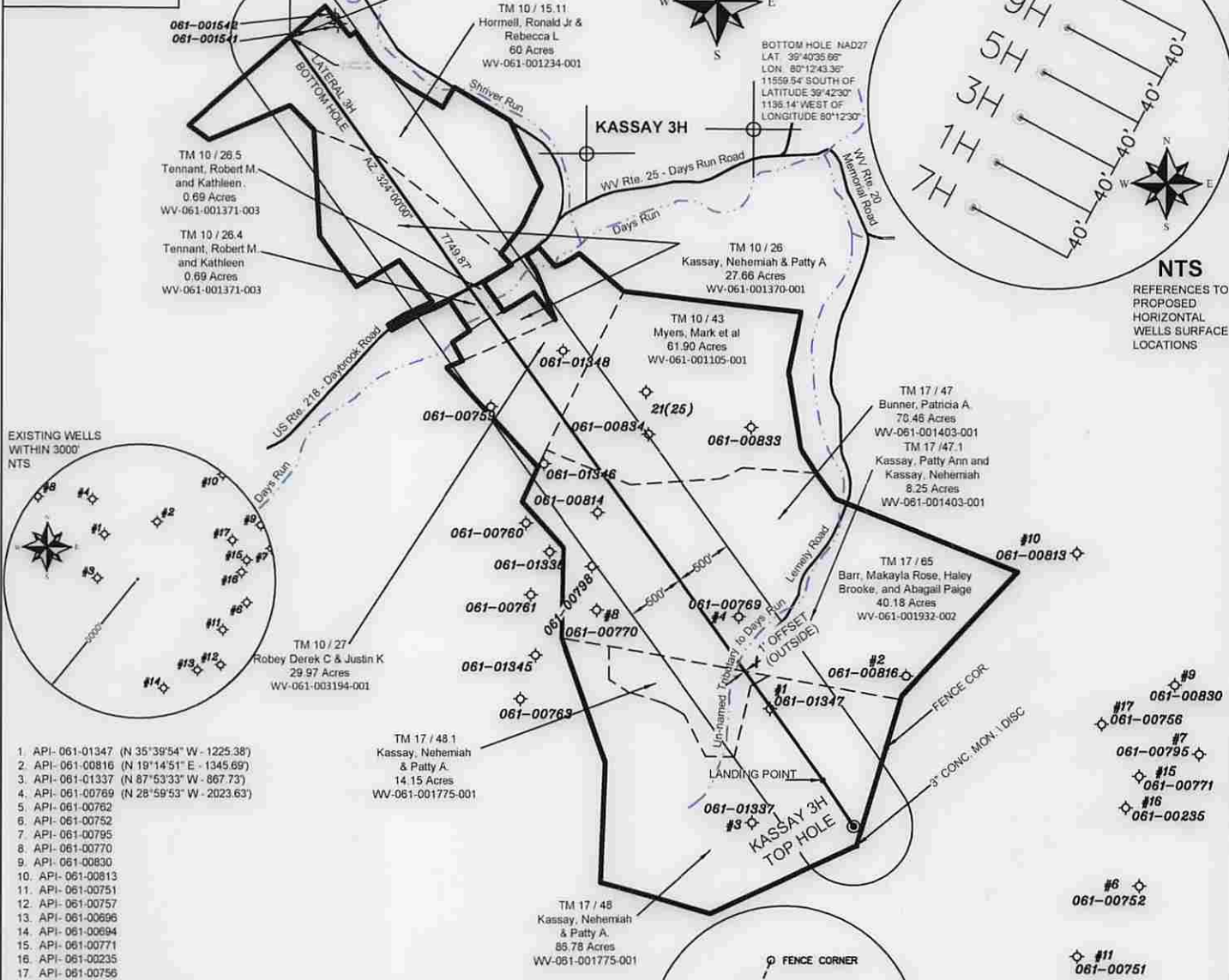
7926.41'

Latitude: 39° 40'00" (NAD27)

2957.19'

**TOP HOLE** (UTM, NAD83)  
 N) 4390161.10  
 E) 569095.92

**BOTTOM HOLE**  
 N) 4392169.72  
 E) 567593.77

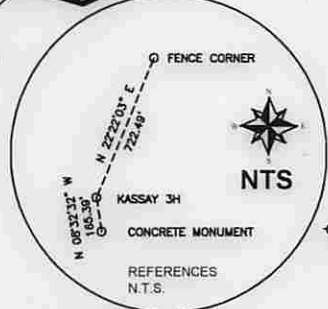


- API- 061-01347 (N 35°39'54" W - 1225.38')
- API- 061-00816 (N 19°14'51" E - 1345.69')
- API- 061-01337 (N 87°53'33" W - 867.73')
- API- 061-00769 (N 28°59'53" W - 2023.63')
- API- 061-00762
- API- 061-00752
- API- 061-00795
- API- 061-00770
- API- 061-00830
- API- 061-00813
- API- 061-00751
- API- 061-00757
- API- 061-00696
- API- 061-00694
- API- 061-00771
- API- 061-00235
- API- 061-00756

**REFERENCE NOTES**  
 Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on true North. Ownership taken from public records Monongalia County, West Virginia May 2014  
 State Plane Coordinates & NAD83  
 Lat/Long by differential submeter mapping grade GPS.

**LEGEND**

- PROPOSED WELL LATERAL
- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- PROPOSED WELL HEAD
- EXISTING WELL HEAD
- LANDING POINT \ BOTTOM HOLE



Longitude: 80° 10' 00" (NAD27)  
 SURFACE HOLE DEC. LAT. = 39.66838325  
 SURVEYED LAT. = 39°39'30.18"

FILE#: 1338001  
 SHEET#: 1 of 1  
 SCALE: 1" = 1400'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: By differential submeter mapping grade GPS.

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 ENVIRONMENTAL PROTECTION

Signed: *[Signature]* 12/23/2014  
 P.S. #2080 Jeffrey D. Fry, P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: DUNKARD CREEK  
 COUNTY / DISTRICT: MONONGALIA \ CLAY  
 SURFACE OWNER: KASSAY, NEHEMIAH AND PATTY A.  
 OIL & GAS ROYALTY OWNER: NEHEMIAH AND PATTY A. KASSAY, ET AL  
 LEASE NUMBERS: SEE ABOVE

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS  
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC  
 ADDRESS: 707 VIRGINIA STREET, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP: 25301

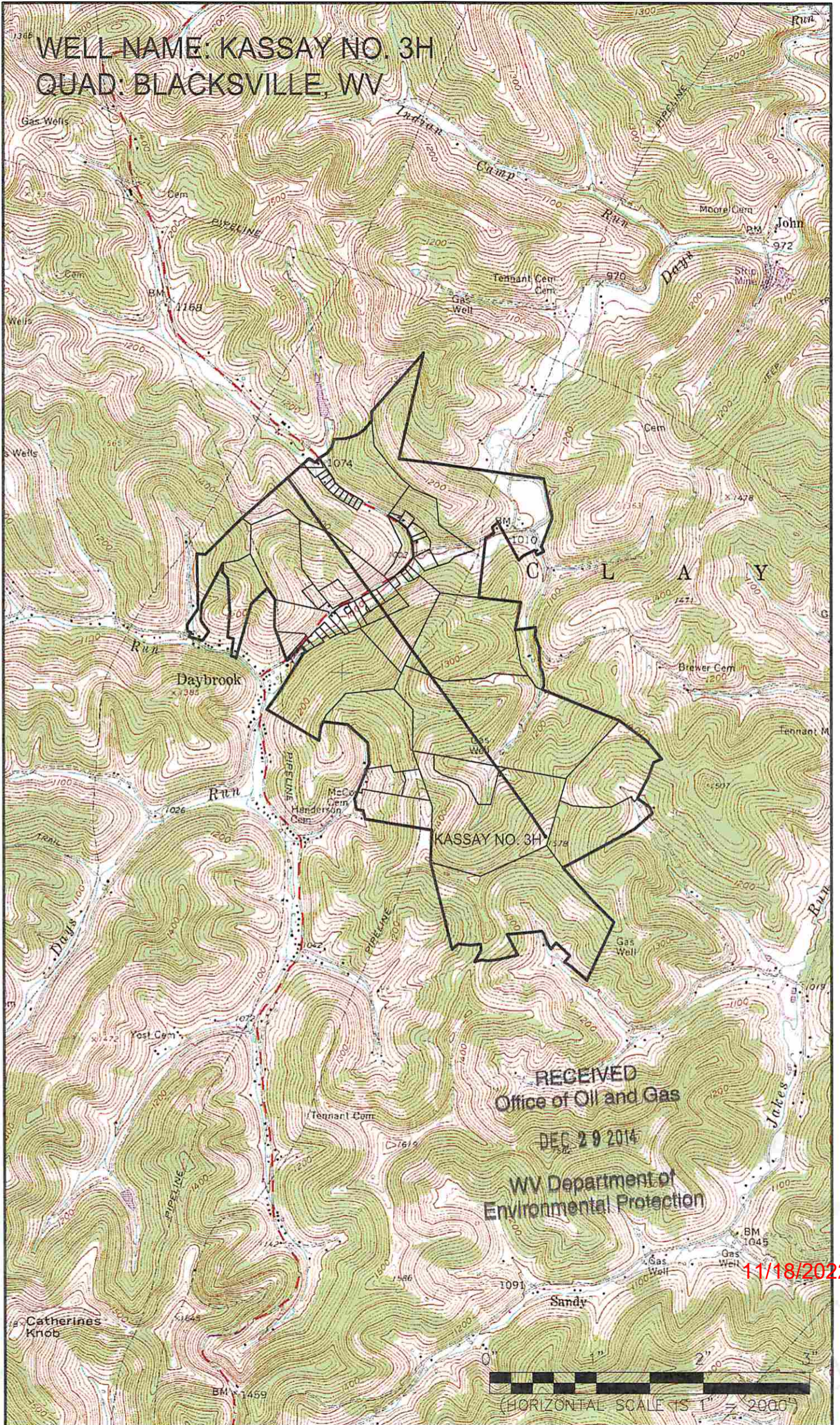
DATE: DECEMBER 23, 2014  
 OPERATOR'S WELL #: KASSAY NO. 3H

API WELL #: 47 61 01704 H6A  
 STATE COUNTY PERMIT

ELEVATION: 1554'  
 QUADRANGLE: BLACKSVILLE, WV  
 ACREAGE: 86.77 11/18/2022  
 ACREAGE: 400.43

ESTIMATED DEPTH: TVD: 8,248' TMD: 16,338'  
 DESIGNATED AGENT: JOHN ADAMS, V.P. OPERATIONS  
 ADDRESS: 707 VIRGINIA STREET, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP: 25301

WELL NAME: KASSAY NO. 3H  
QUAD: BLACKSVILLE, WV



RECEIVED  
Office of Oil and Gas

DEC 29 2014

WV Department of  
Environmental Protection

11/18/2022

(HORIZONTAL SCALE IS 1" = 2000')