

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

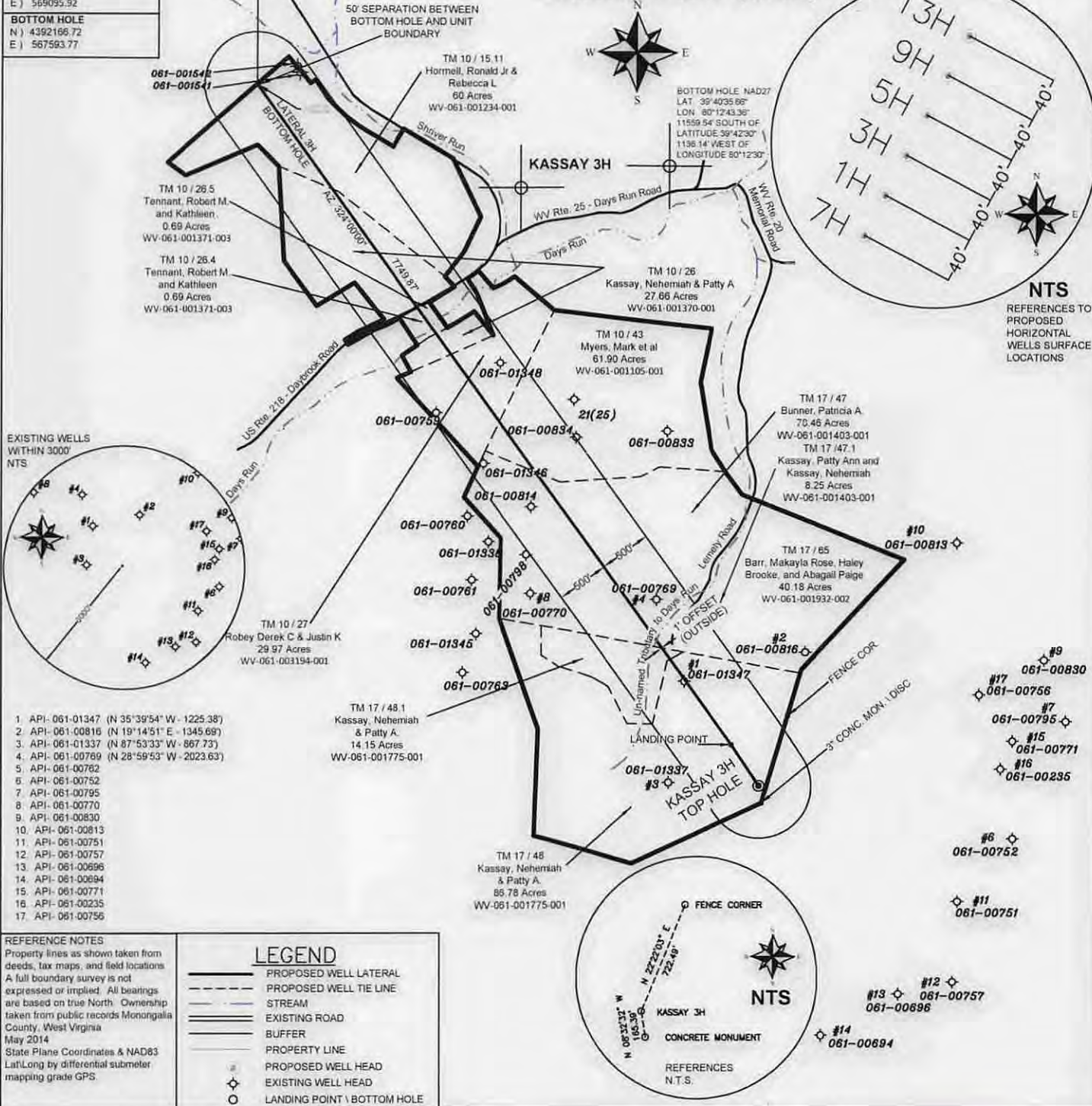
7926.41'

2957.19'

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

BOTTOM HOLE
 N) 4392169.72
 E) 567593.77

Latitude: 39° 40'00" (NAD27)

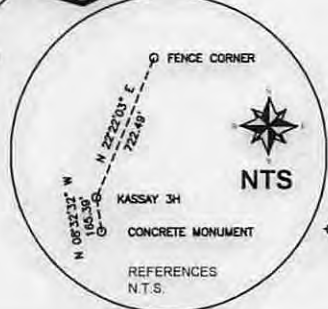


- API-061-01347 (N 35°39'54" W- 1225.38')
- API-061-00816 (N 19°14'51" E- 1345.69')
- API-061-01337 (N 87°53'33" W- 867.73')
- API-061-00769 (N 28°59'53" W- 2023.63')
- API-061-00762
- API-061-00752
- API-061-00795
- API-061-00770
- API-061-00830
- API-061-00813
- API-061-00751
- API-061-00757
- API-061-00696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



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

DATE: DECEMBER 23, 2014
 OPERATOR'S WELL #: KASSAY NO. 3H
 API WELL #: 47 61 TBD
 STATE COUNTY PERMIT

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

ELEVATION: 1554'
 QUADRANGLE: BLACKSVILLE, WV
 ACREAGE: 86.77
 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

SURFACE HOLE DEC. LAT. = 39.66838325
 SURVEYED LAT. = 39°39'30.18"

Longitude: 80° 10' 00" (NAD27)

03/20/2015

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

