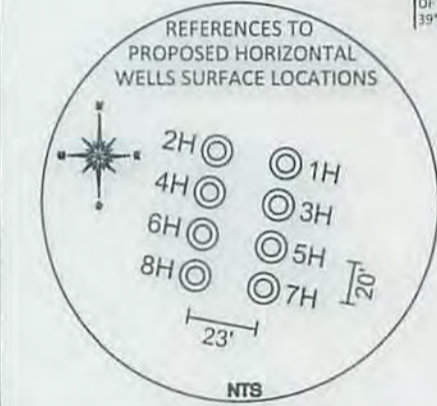
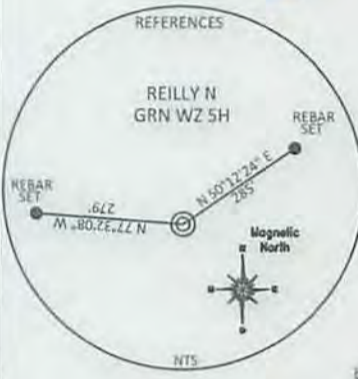


TOP HOLE (UTM NAD 83)
 N) 4371714.3
 E) 526689.7
 BOTTOM HOLE (UTM NAD 83)
 N) 4373580.9
 E) 525430.5



NO DWELLINGS FOUND WITHIN 650' OF THE CENTER OF THE WELL PAD
 NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD

REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Wetzel County, West Virginia NOVEMBER 2014 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: EAM

FILE #: AE002
 DRAWING #: 2476
 SCALE: PLAT - 1" = 1200'
 TICK MARK - 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: 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]*
 L.L.S. #2124 : Ernest J. Benchek III



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

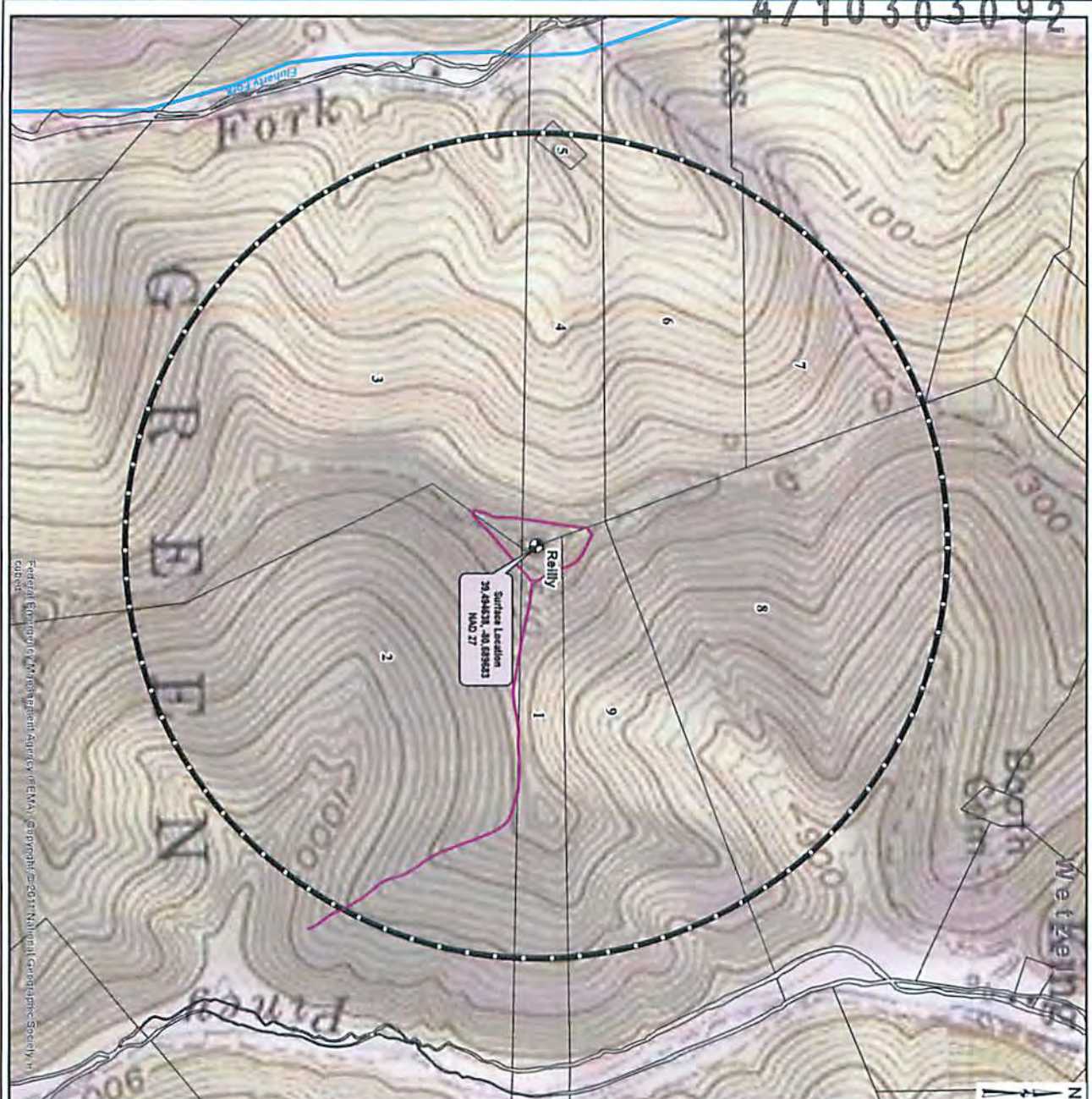
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: FISHING CREEK ELEVATION: 1500'
 COUNTY/DISTRICT: WETZEL / GREEN QUADRANGLE: CENTER POINT, WV
 SURFACE OWNER: J.S. BOOTH ESTATE AND DALLISON LUMBER ACREAGE: 41.28 +/- 06/12/2015
 OIL & GAS ROYALTY OWNER: JAMES K. BOOTH & JERRY MARTIN BOOTH ACREAGE: 493.84 +/-
 LEASE NUMBERS: _____

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 ESTIMATED DEPTH: TVD: 7,460' TMD: 14,750'
 WELL OPERATOR: American Energy-Marcellus LLC. DESIGNATED AGENT: Eric B. Gillespie
 ADDRESS: 3501 NW 63rd Street ADDRESS: 103 Taryn Lane
 CITY: Oklahoma City STATE: OK ZIP CODE: 73116 CITY: Cross Lanes STATE: WV ZIP CODE: 25313

4710303092



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Received
Office of Oil & Gas
FEB 13 2015

NO.	DATE	DESCRIPTION
1	05/08/2014	PROJECT START
2	05/08/2014	START OF WELL PAD DESIGN & SURVEY
3	05/08/2014	START OF WELL PAD DESIGN & SURVEY
4	05/08/2014	START OF WELL PAD DESIGN & SURVEY
5	05/08/2014	START OF WELL PAD DESIGN & SURVEY
6	05/08/2014	START OF WELL PAD DESIGN & SURVEY
7	05/08/2014	START OF WELL PAD DESIGN & SURVEY
8	05/08/2014	START OF WELL PAD DESIGN & SURVEY
9	05/08/2014	START OF WELL PAD DESIGN & SURVEY



- AEU Surface Location
- Well Pad
- Access Drive
- AEU Testing Radius (2007)
- Streams and Rivers
- 100 Year Flood Zones
- Wetzel County Parcel Line
- MW County Lines

ISSUE
EXHIBIT
DATE: 01/15/15
JOB NO.: 751117
DRAWN: CHD
SHEET NO. 1

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WATER SAMPLING FIELD MAP
REILLY WELL PAD
WETZEL COUNTY, WV

AMERICAN ENERGY
UTICA

NO.	DATE	DESCRIPTION

06/12/2015