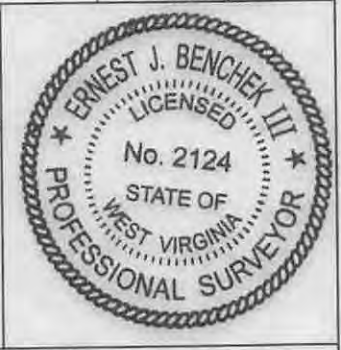


REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Wetzel County, West Virginia JANUARY 2015 State Plane Coordinates & NAD 83 Lot/Long by differential submeter mapping grade GPS Drafted by: EAM.

FILE #: AE003
 DRAWING #: 2487
 SCALE: PLAT - 1" = 1400'
 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

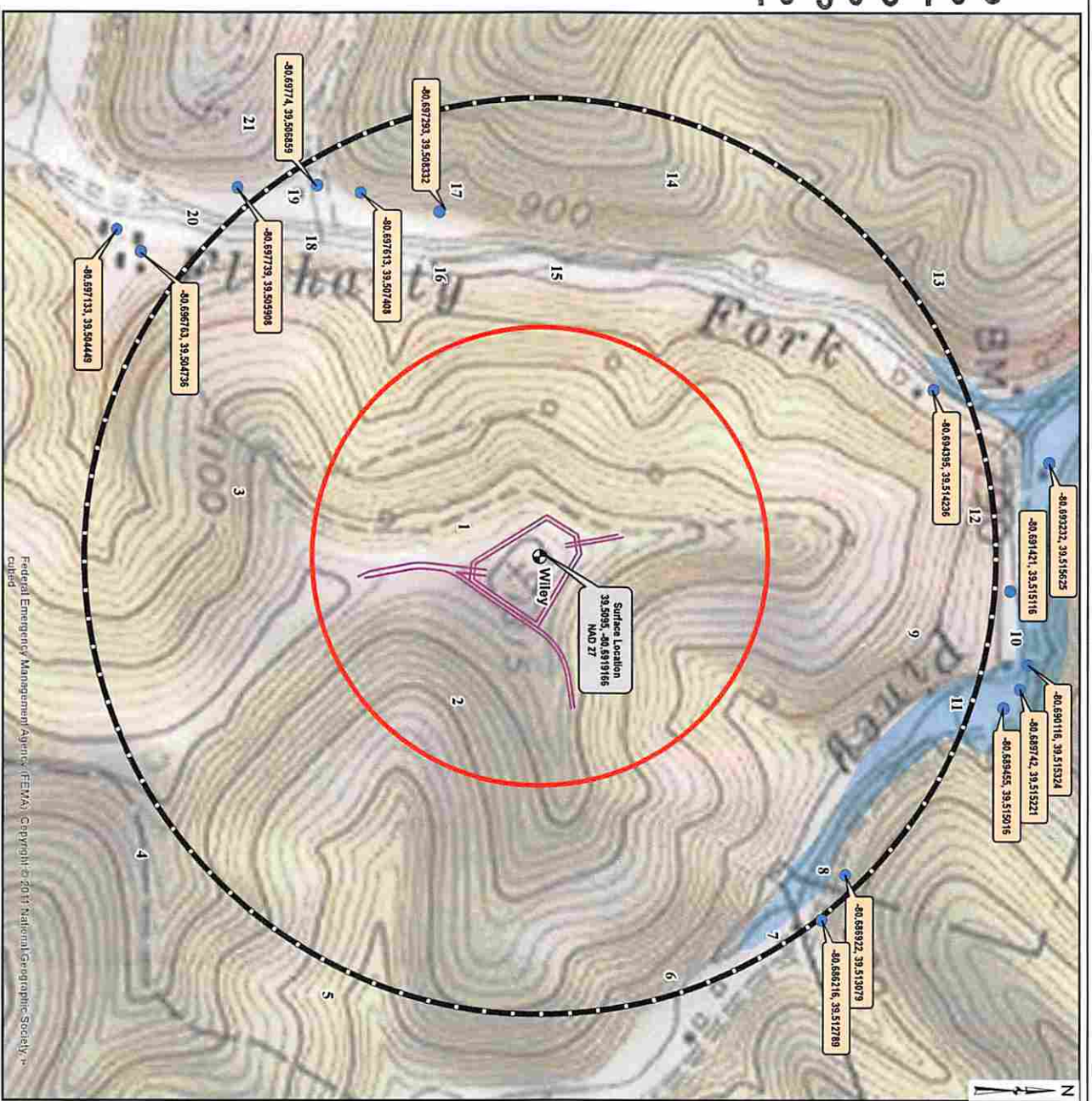
WATERSHED: FISHING CREEK
 COUNTY/DISTRICT: WETZEL / GREEN
 SURFACE OWNER: COASTAL LUMBER COMPANY
 OIL & GAS ROYALTY OWNER: **William H. McCoy**
 CASE NUMBERS:

DATE: MARCH 3, 2015
 OPERATOR'S WELL #: WILEY S GRN WZ 8H
 API WELL #: 47 103 03105 H6A
 STATE COUNTY PERMIT

ELEVATION: 1315' = Current
 1286.29' = Proposed
 QUADRANGLE: **PINE GROVE** CENTER POINT, WV
 ACREAGE: 154.51 +/-
 ACREAGE: 698.515 **06/26/2015**

TARGET FORMATION: MARCELLUS
 ESTIMATED DEPTH: TVD: 7,283' TMD: 16,100'
 WELL OPERATOR: American Energy-Marcellus LLC.
 ADDRESS: 3501 NW 63rd Street
 CITY: Oklahoma City STATE: OK ZIP CODE: 73116
 DESIGNATED AGENT: Eric B. Gillespie
 ADDRESS: 103 Taryn Lane
 CITY: Cross Lanes STATE: WV ZIP CODE: 25313

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



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NO.	WATER NO.	WATER NAME	DATE	ANALYSIS
1	01 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
2	02 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
3	03 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
4	04 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
5	05 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
6	06 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
7	07 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
8	08 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
9	09 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
10	10 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
11	11 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
12	12 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
13	13 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
14	14 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
15	15 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
16	16 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
17	17 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
18	18 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
19	19 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
20	20 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS
21	21 20000000	WILEY SURFACE LOCATION	02/18/2015	1177 PPM TDS

NO.	ASSET NO.	ASSET NAME	STATUS
1	01 20000000	WILEY SURFACE LOCATION	ACTIVE
2	02 20000000	WILEY SURFACE LOCATION	ACTIVE
3	03 20000000	WILEY SURFACE LOCATION	ACTIVE
4	04 20000000	WILEY SURFACE LOCATION	ACTIVE
5	05 20000000	WILEY SURFACE LOCATION	ACTIVE
6	06 20000000	WILEY SURFACE LOCATION	ACTIVE
7	07 20000000	WILEY SURFACE LOCATION	ACTIVE
8	08 20000000	WILEY SURFACE LOCATION	ACTIVE
9	09 20000000	WILEY SURFACE LOCATION	ACTIVE
10	10 20000000	WILEY SURFACE LOCATION	ACTIVE
11	11 20000000	WILEY SURFACE LOCATION	ACTIVE
12	12 20000000	WILEY SURFACE LOCATION	ACTIVE
13	13 20000000	WILEY SURFACE LOCATION	ACTIVE
14	14 20000000	WILEY SURFACE LOCATION	ACTIVE
15	15 20000000	WILEY SURFACE LOCATION	ACTIVE
16	16 20000000	WILEY SURFACE LOCATION	ACTIVE
17	17 20000000	WILEY SURFACE LOCATION	ACTIVE
18	18 20000000	WILEY SURFACE LOCATION	ACTIVE
19	19 20000000	WILEY SURFACE LOCATION	ACTIVE
20	20 20000000	WILEY SURFACE LOCATION	ACTIVE
21	21 20000000	WILEY SURFACE LOCATION	ACTIVE

- AEU Surface Location
- Access Road
- Streams and Rivers
- Water Well Location WW
- AEU Testing Radius (2000')
- WDEP Required Testing Radius (1000')
- Wetzel County Parcel Line
- 100 Year Flood Zones
- WW County Lines



ISSUE:
EXHIBIT:
DATE: 02/18/2015
JOB NO.:
DRAWN: CHD
SHEET NO.: 1



WATER SAMPLING FIELD MAP
WILEY WELL PAD
WETZEL COUNTY, WV



NO.	DATE	DESCRIPTION

06/26/2015