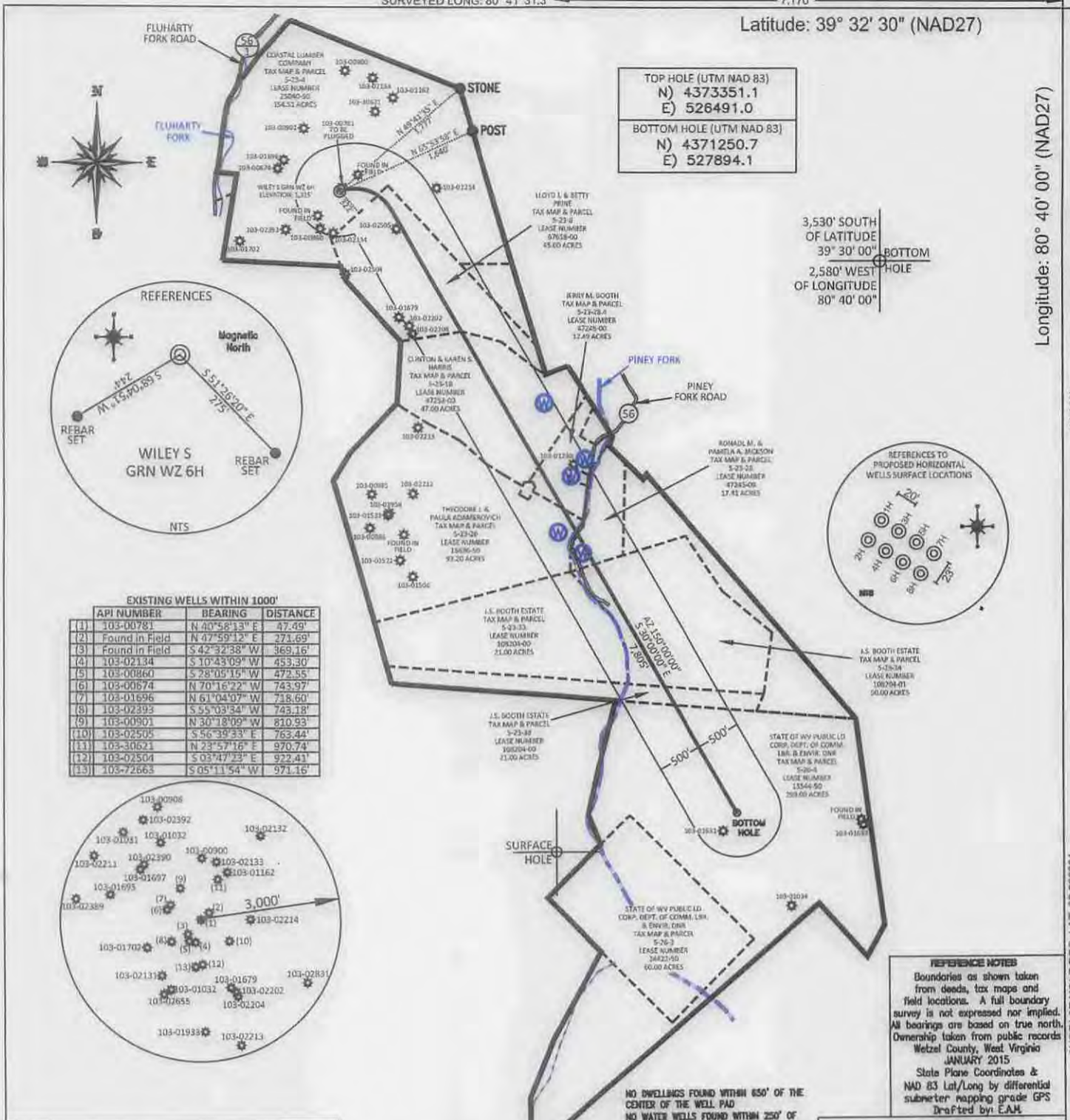


SURFACE HOLE DEC. LONG: 80.692027
SURVEYED LONG: 80° 41' 31.3"

7.170'

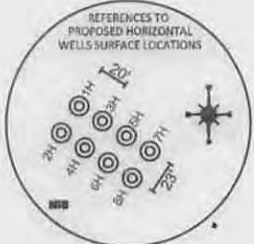
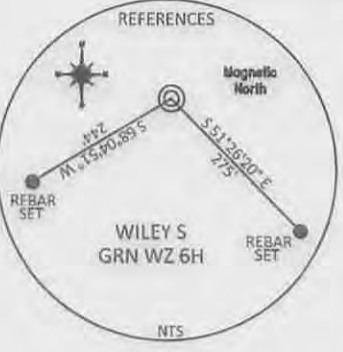
Latitude: 39° 32' 30" (NAD27)

Longitude: 80° 40' 00" (NAD27)



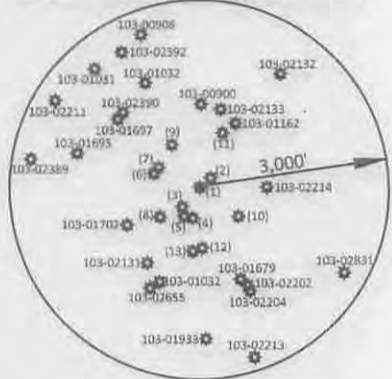
TOP HOLE (UTM NAD 83)
N) 4373351.1
E) 526491.0
BOTTOM HOLE (UTM NAD 83)
N) 4371250.7
E) 527894.1

3,530' SOUTH OF LATITUDE 39° 30' 00"
2,580' WEST OF LONGITUDE 80° 40' 00"
BOTTOM HOLE



EXISTING WELLS WITHIN 1000'

API NUMBER	BEARING	DISTANCE
(1) 103-00781	N 40° 56' 13" E	47.49'
(2) Found in Field	N 47° 59' 12" E	271.69'
(3) Found in Field	S 42° 32' 38" W	369.16'
(4) 103-02134	S 10° 43' 09" W	453.30'
(5) 103-00860	S 28° 05' 15" W	472.55'
(6) 103-00874	N 70° 16' 22" W	743.97'
(7) 103-01696	N 61° 04' 07" W	738.60'
(8) 103-02393	S 55° 03' 34" W	743.18'
(9) 103-00901	N 30° 18' 09" W	810.93'
(10) 103-02505	S 56° 39' 33" E	763.44'
(11) 103-30621	N 23° 57' 16" E	970.74'
(12) 103-02504	S 03° 47' 23" E	922.41'
(13) 103-72663	S 05° 11' 54" W	971.16'



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 JANUARY 2015
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.H.

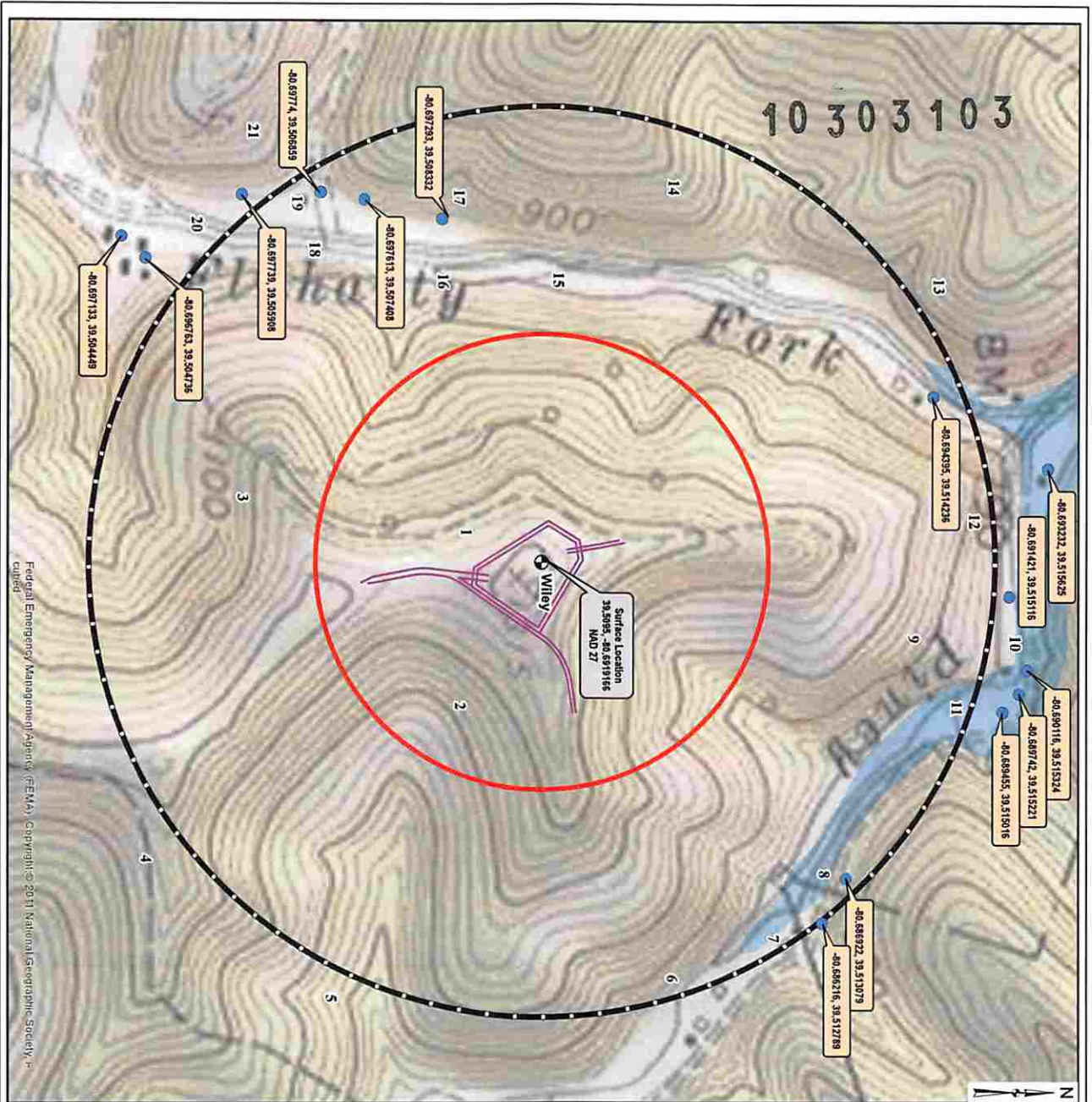
FILE #: AE003
DRAWING #: 2485
SCALE: PLAT - 1" = 1600'
TICK MARK - 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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:
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP
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:
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
WELL OPERATOR: American Energy-Marcellus LLC.
ADDRESS: 3501 NW 63rd Street
CITY: Oklahoma City STATE: OK ZIP CODE: 73116
DATE: FEBRUARY 24, 2015
OPERATOR'S WELL #: WILEY S GRN WZ 6H
API WELL #: 47 / 103 / 03103 HGA
STATE COUNTY PERMIT
ELEVATION: 1315' = Current
1286.29' = Proposed
QUADRANGLE: CENTER POINT, WV
ACREAGE: 154.51 + / 06/26/2015
629.61 + / -
ESTIMATED DEPTH: TVD: 7,277' TMD: 15,650'
DESIGNATED AGENT: Eric B. Gillespie
ADDRESS: 103 Taryn Lane
CITY: Cross Lanes STATE: WV ZIP CODE: 25313

SURFACE HOLE DEC. LAT: 38.508301 SURVEYED LAT: 39° 30' 33.5"



Federal Emergency Management Agency (FEMA) Copyright © 2011 National Geographic Society, Inc.

PROPERTY ID	PARCEL NO.	OWNER	ADDRESS
1	01 20000000	WILEY WELLS	1111 WILEY WELLS
2	01 20000000	WILEY WELLS	1111 WILEY WELLS
3	01 20000000	WILEY WELLS	1111 WILEY WELLS
4	01 20000000	WILEY WELLS	1111 WILEY WELLS
5	01 20000000	WILEY WELLS	1111 WILEY WELLS
6	01 20000000	WILEY WELLS	1111 WILEY WELLS
7	01 20000000	WILEY WELLS	1111 WILEY WELLS
8	01 20000000	WILEY WELLS	1111 WILEY WELLS
9	01 20000000	WILEY WELLS	1111 WILEY WELLS
10	01 20000000	WILEY WELLS	1111 WILEY WELLS
11	01 20000000	WILEY WELLS	1111 WILEY WELLS
12	01 20000000	WILEY WELLS	1111 WILEY WELLS
13	01 20000000	WILEY WELLS	1111 WILEY WELLS
14	01 20000000	WILEY WELLS	1111 WILEY WELLS
15	01 20000000	WILEY WELLS	1111 WILEY WELLS
16	01 20000000	WILEY WELLS	1111 WILEY WELLS
17	01 20000000	WILEY WELLS	1111 WILEY WELLS
18	01 20000000	WILEY WELLS	1111 WILEY WELLS
19	01 20000000	WILEY WELLS	1111 WILEY WELLS
20	01 20000000	WILEY WELLS	1111 WILEY WELLS
21	01 20000000	WILEY WELLS	1111 WILEY WELLS

PROPERTY ID	PARCEL NO.	OWNER	ADDRESS
1	01 20000000	WILEY WELLS	1111 WILEY WELLS
2	01 20000000	WILEY WELLS	1111 WILEY WELLS
3	01 20000000	WILEY WELLS	1111 WILEY WELLS
4	01 20000000	WILEY WELLS	1111 WILEY WELLS
5	01 20000000	WILEY WELLS	1111 WILEY WELLS
6	01 20000000	WILEY WELLS	1111 WILEY WELLS
7	01 20000000	WILEY WELLS	1111 WILEY WELLS
8	01 20000000	WILEY WELLS	1111 WILEY WELLS
9	01 20000000	WILEY WELLS	1111 WILEY WELLS
10	01 20000000	WILEY WELLS	1111 WILEY WELLS
11	01 20000000	WILEY WELLS	1111 WILEY WELLS
12	01 20000000	WILEY WELLS	1111 WILEY WELLS
13	01 20000000	WILEY WELLS	1111 WILEY WELLS
14	01 20000000	WILEY WELLS	1111 WILEY WELLS
15	01 20000000	WILEY WELLS	1111 WILEY WELLS
16	01 20000000	WILEY WELLS	1111 WILEY WELLS
17	01 20000000	WILEY WELLS	1111 WILEY WELLS
18	01 20000000	WILEY WELLS	1111 WILEY WELLS
19	01 20000000	WILEY WELLS	1111 WILEY WELLS
20	01 20000000	WILEY WELLS	1111 WILEY WELLS
21	01 20000000	WILEY WELLS	1111 WILEY WELLS

- AEU Surface Location
- Access Road
- Streams and Rivers
- Water Well Location
- 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
 DRAWN: CHD
 SHEET NO. 1



WATER SAMPLING FIELD MAP
WILEY WELL PAD
 WETZEL COUNTY, WV



NO.	DATE	DESCRIPTION

06/26/2015