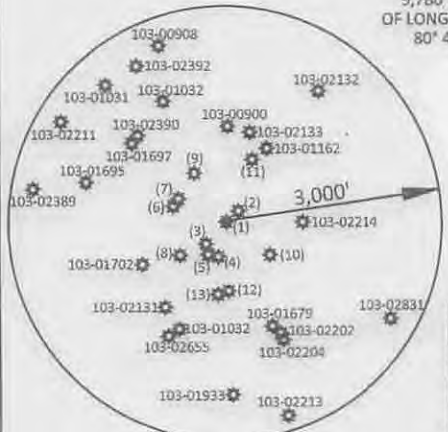
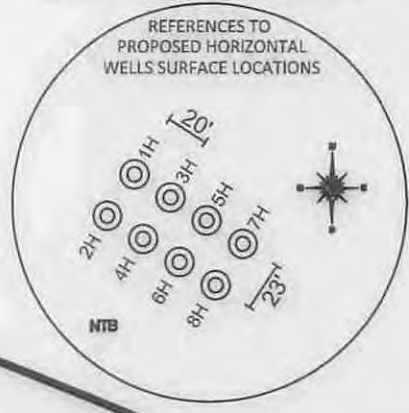
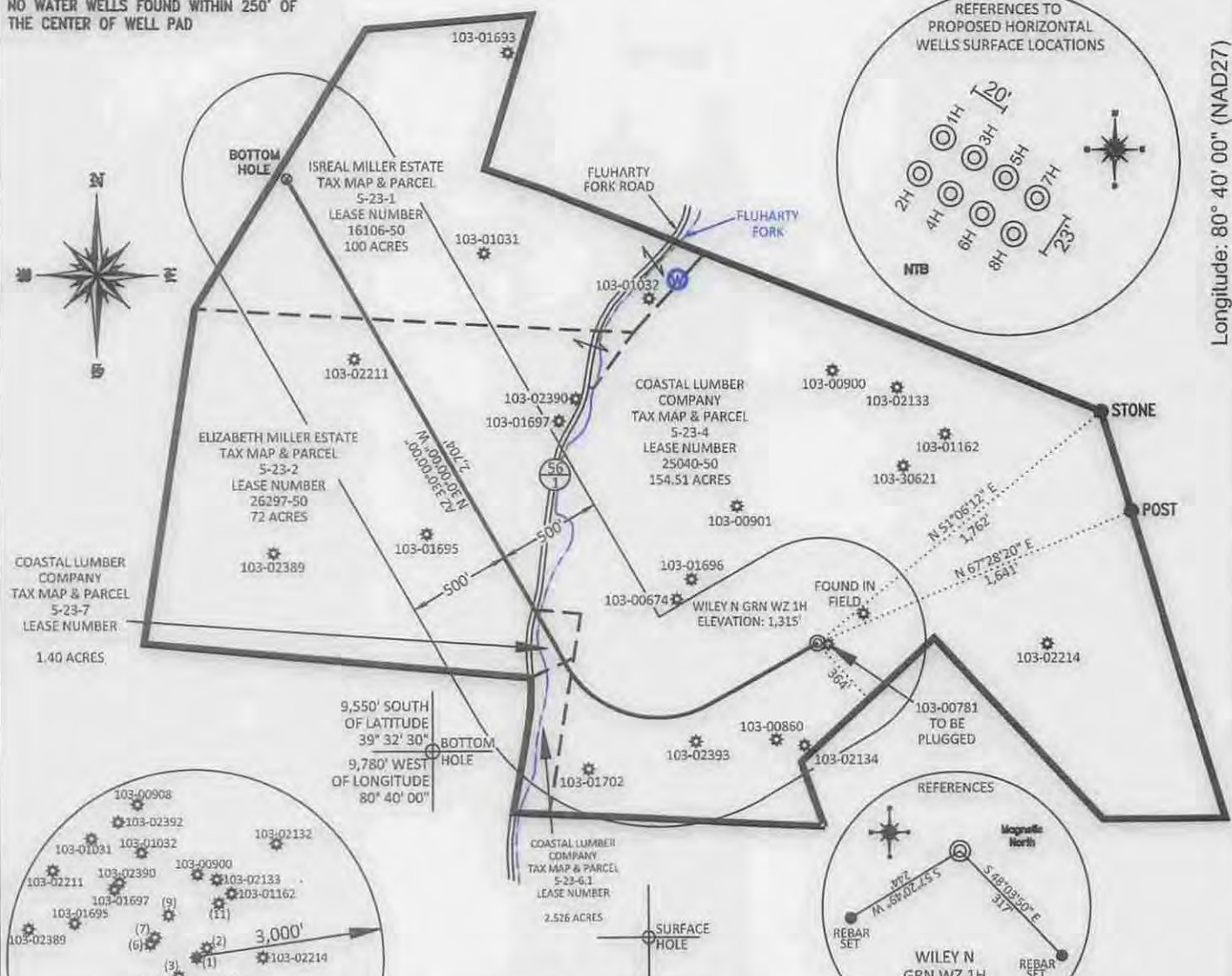


NO DWELLINGS FOUND WITHIN 650' OF THE CENTER OF THE WELL PAD  
NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD



EXISTING WELLS WITHIN 1000'

	API NUMBER	BEARING	DISTANCE
(1)	103-00781	S 84° 47' 23" E	52.32'
(2)	Found in Field	N 57° 37' 53" E	263.82'
(3)	Found in Field	S 36° 11' 02" W	387.28'
(4)	103-02134	S 07° 25' 34" W	490.10'
(5)	103-00860	S 23° 46' 21" W	499.92'
(6)	103-00674	N 72° 46' 56" W	711.21'
(7)	103-01696	N 63° 12' 19" W	681.08'
(8)	103-02393	S 51° 36' 00" W	750.62'
(9)	103-00901	N 30° 28' 52" W	765.30'
(10)	103-02505	S 55° 03' 43" E	803.58'
(11)	103-30621	N 26° 07' 16" E	942.82'
(12)	103-02504	S 04° 52' 23" E	964.48'
(13)	103-72663	S 03° 48' 18" W	1009.99'

TOP HOLE (UTM NAD 83)  
N) 4373363.4  
E) 526484.4

BOTTOM HOLE (UTM NAD 83)  
N) 4374026.4  
E) 525696.2

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 EAJ

FILE #: AE003  
DRAWING #: 2480  
SCALE: PLAT - 1" = 800'  
TICK MARK - 1" = 2000'

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: 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:  
LEASE NUMBERS: William H. McCoy

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 N GRN WZ 1H

API WELL #: 47 103 03098116A  
STATE COUNTY PERMIT

ELEVATION: 1315' = Current  
1286.29' = Proposed

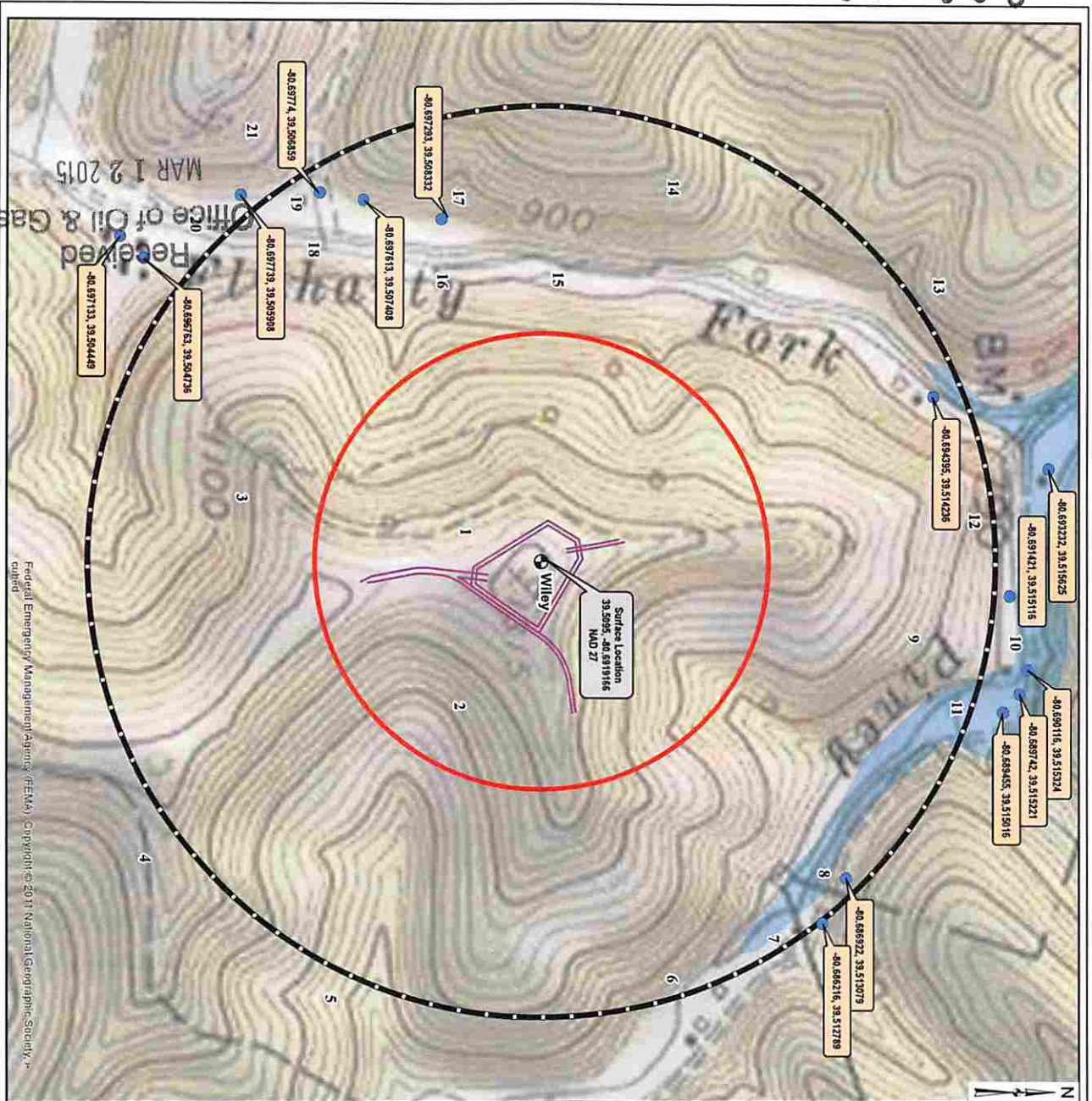
QUADRANGLE: CENTER POINT, WV

ACREAGE: 154.51 + / -  
ACREAGE: 330.436 + / -

ESTIMATED DEPTH: TVD: 7,267' TMD: 10,950'

DESIGNATED AGENT: Eric B. Gillespie  
ADDRESS: 103 Taryn Lane  
CITY: Cross Lanes STATE: WV ZIP CODE: 25313

SURFACE HOLE DEC. LAT: 39.509427 SURVEYED LAT: 39° 30' 33.9"



Received MAR 1 2 2015  
Office of Oil & Gas  
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PROPERTY ID	PARCEL NO.	OWNER	LATITUDE	LONGITUDE	ADDRESS
1	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
2	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
3	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
4	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
5	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
6	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
7	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
8	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
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11	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
12	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
13	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
14	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
15	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
16	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
17	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
18	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
19	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
20	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062
21	01 210000000	WILLEY & COMPANY LLC	39.519116	-90.682116	1111 PARKWAY E WETZEL COUNTY, WV 26062

PARCEL NO.	PARCEL DATA	OWNER
1	01 210000000	CONTELLUMBER COMPANY
2	01 210000000	LITCHI FIELD SETTLEMENT
3	01 210000000	THOMAS & THOMAS HOMES
4	01 210000000	CLARK & CLARK & COMPANY LLC
5	01 210000000	WRIGHT TRACT COMPANY
6	01 210000000	WALTON TRACT COMPANY
7	01 210000000	WILLEY & COMPANY LLC
8	01 210000000	WRIGHT TRACT COMPANY
9	01 210000000	WRIGHT TRACT COMPANY
10	01 210000000	WRIGHT TRACT COMPANY
11	01 210000000	WRIGHT TRACT COMPANY
12	01 210000000	WRIGHT TRACT COMPANY
13	01 210000000	WRIGHT TRACT COMPANY
14	01 210000000	WRIGHT TRACT COMPANY
15	01 210000000	WRIGHT TRACT COMPANY
16	01 210000000	WRIGHT TRACT COMPANY
17	01 210000000	WRIGHT TRACT COMPANY
18	01 210000000	WRIGHT TRACT COMPANY
19	01 210000000	WRIGHT TRACT COMPANY
20	01 210000000	WRIGHT TRACT COMPANY
21	01 210000000	WRIGHT TRACT COMPANY

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

225 0 225 450 Feet