

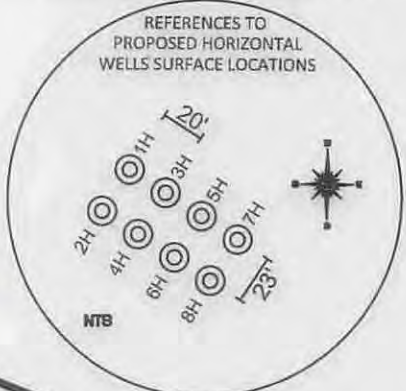
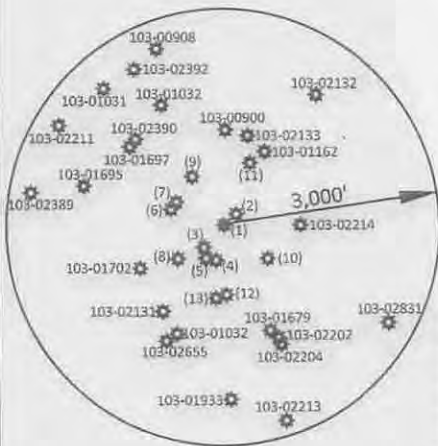
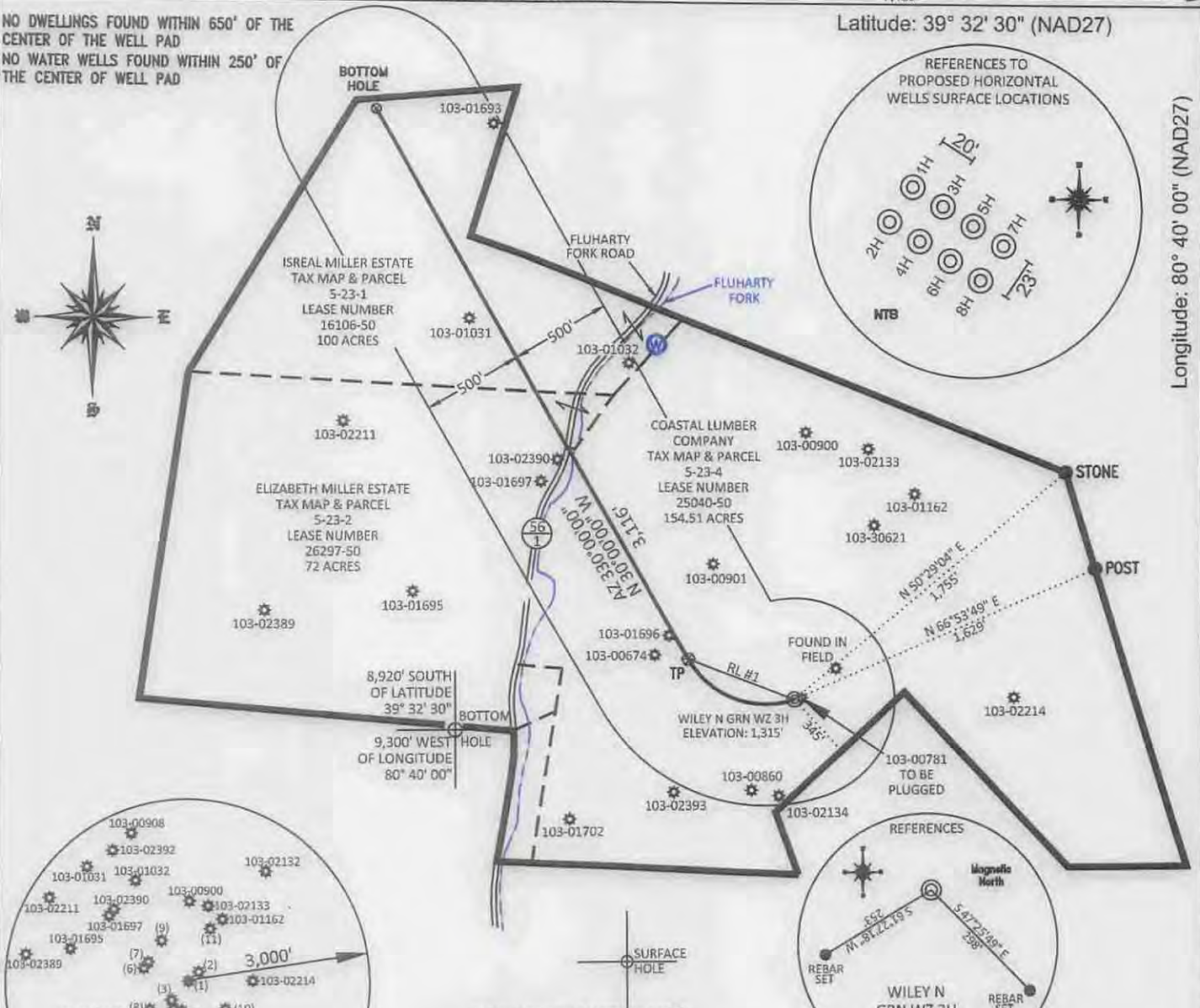
SURFACE HOLE DEC. LONG: 80.692043
SURVEYED LONG: 80° 41' 31.4"

7.180'

Latitude: 39° 32' 30" (NAD27)

Longitude: 80° 40' 00" (NAD27)

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	N 80°20'38" E	23.82'
(2) Found in Field	N 53°34'30" E	255.96'
(3) Found in Field	S 39°07'30" W	389.09'
(4) 103-02134	S 09°34'52" W	481.97'
(5) 103-00860	S 26°03'05" W	497.28'
(6) 103-00674	N 72°22'11" W	730.53'
(7) 103-01696	N 63°02'37" W	701.00'
(8) 103-02393	S 53°01'48" W	757.41'
(9) 103-00901	N 31°08'48" W	783.17'
(10) 103-02505	S 54°59'56" E	783.60'
(11) 103-30621	N 24°54'57" E	945.24'
(12) 103-02504	S 03°54'59" E	952.48'
(13) 103-72663	S 04°48'36" W	1000.55'

TOP HOLE (UTM NAD 83)
N) 4373360.2
E) 526489.6

BOTTOM HOLE (UTM NAD 83)
N) 4374232.4
E) 525839.1

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 EAM

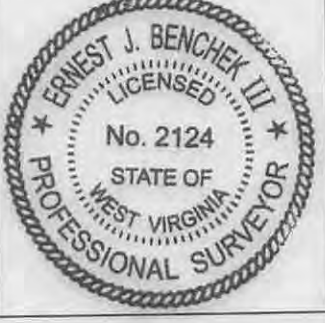
FILE #: AE003
DRAWING #: 2481
SCALE: PLAT - 1" = 800'
TICK MARK - 1" = 2000'

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 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: William H. McCoy
LEASE NUMBERS:

DATE: FEBRUARY 24, 2015
OPERATOR'S WELL #: WILEY N GRN WZ 3H
API WELL #: 47 103 03100 H&A
STATE COUNTY PERMIT

ELEVATION: 1315' = Current
1286.29' = Proposed
QUADRANGLE: PINE GROVE CENTER POINT, WV
ACREAGE: 154.51 + 06/26/2015
ACREAGE: 326.51 +/-

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: 7,273' TMD: 10,600'

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

SURFACE HOLE DEC. LAT: 39.5408383
SURVEYED LAT: 39° 30' 33.8"

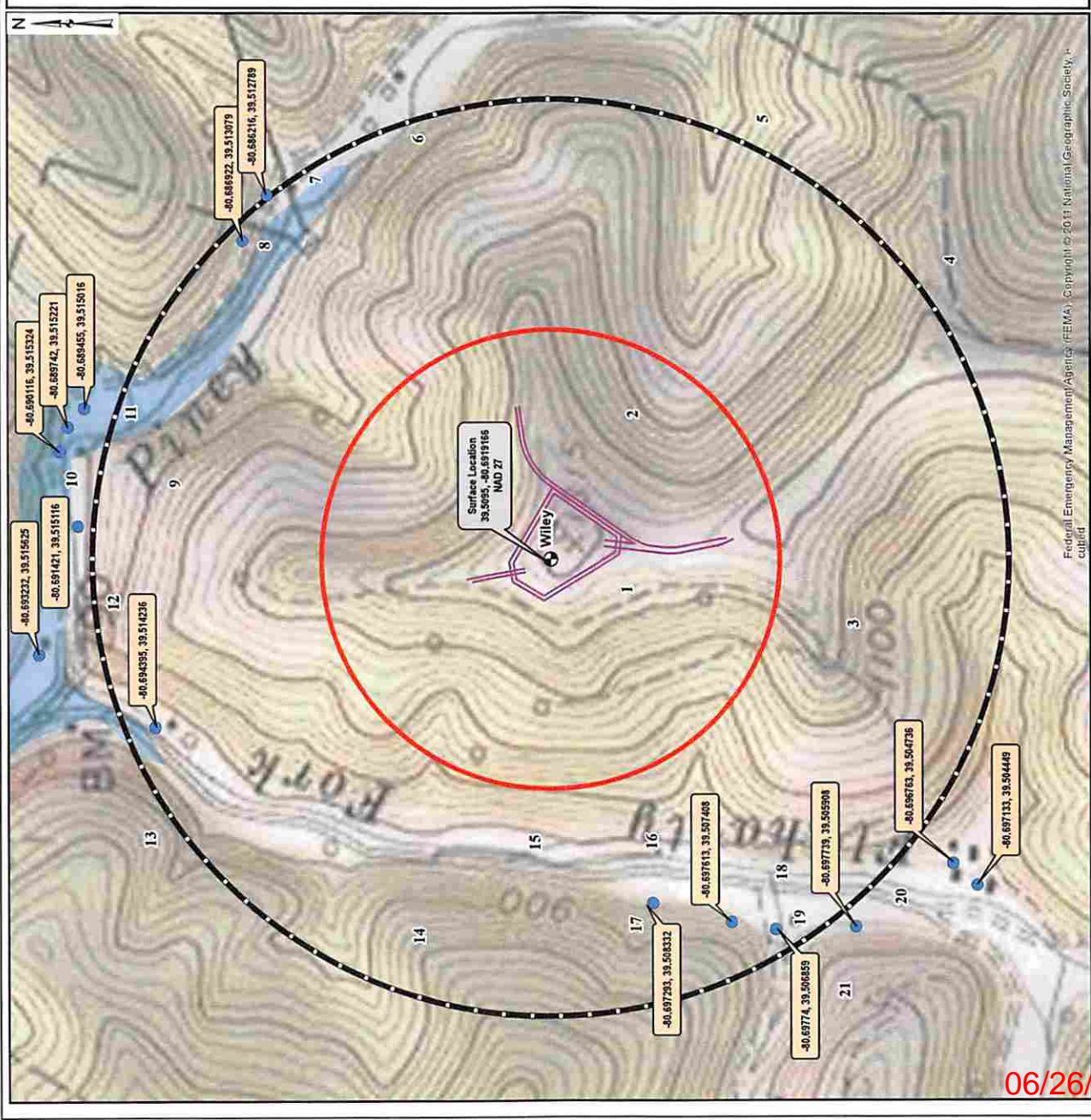
PROPERTY #	PARCEL NO.	OWNER	LAUTNER	LONGITUDE	ACRES
1	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
2	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
3	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
4	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
5	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
6	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
7	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
8	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
9	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
10	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
11	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
12	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
13	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
14	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
15	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
16	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
17	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
18	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
19	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
20	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17
21	05 210010000	WILLIAM & LARRY MAHRT	38.507174	-80.681943	13.17

PROPERTY #	PARCEL NO.	PROPERTY DATA	OWNER
1	05 210010000	CONTROL LUMBER COMPANY	CONTROL LUMBER COMPANY
2	05 210010000	LUCY JOE & BETTY HINE	LUCY JOE & BETTY HINE
3	05 210010000	THOMAS & CAROL LOCKER	THOMAS & CAROL LOCKER
4	05 210010000	CLYDE W. KAYE & WARD L. HARRIS	CLYDE W. KAYE & WARD L. HARRIS
5	05 210010000	ROBERT L. MCELROY	ROBERT L. MCELROY
6	05 210010000	ARMING CHRISTIAN BANK	ARMING CHRISTIAN BANK
7	05 210010000	JAMES E. KAYE & LORNA MAHRT	JAMES E. KAYE & LORNA MAHRT
8	05 210010000	ARMING CHRISTIAN BANK & WASHINGTON & GEORGE	ARMING CHRISTIAN BANK & WASHINGTON & GEORGE
9	05 210010000	FORN KLEIN	FORN KLEIN
10	05 210010000	FORN KLEIN & HENRY	FORN KLEIN & HENRY
11	05 210010000	FORN KLEIN & HENRY & JOHN & LUCIAN	FORN KLEIN & HENRY & JOHN & LUCIAN
12	05 210010000	HAROLD W. HARRIS	HAROLD W. HARRIS
13	05 210010000	MILLER FARMERS & BUSINESS SERVICE CO. INC.	MILLER FARMERS & BUSINESS SERVICE CO. INC.
14	05 210010000	MILLER FARMERS & BUSINESS SERVICE CO. INC.	MILLER FARMERS & BUSINESS SERVICE CO. INC.
15	05 210010000	CONTROL LUMBER COMPANY	CONTROL LUMBER COMPANY
16	05 210010000	HALL PATY	HALL PATY
17	05 210010000	ARMING CHRISTIAN BANK	ARMING CHRISTIAN BANK
18	05 210010000	ARMING CHRISTIAN BANK	ARMING CHRISTIAN BANK
19	05 210010000	ARMING CHRISTIAN BANK	ARMING CHRISTIAN BANK
20	05 210010000	ARMING CHRISTIAN BANK	ARMING CHRISTIAN BANK
21	05 210010000	ARMING CHRISTIAN BANK	ARMING CHRISTIAN BANK

10 303 100

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

Office of Oil & Gas
MAR 12 2015



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