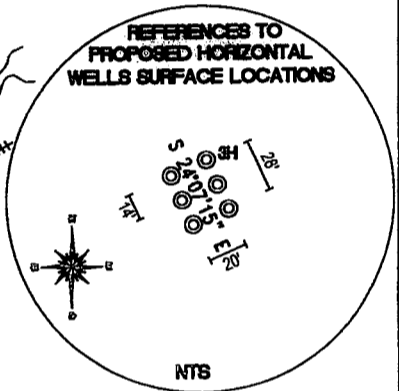
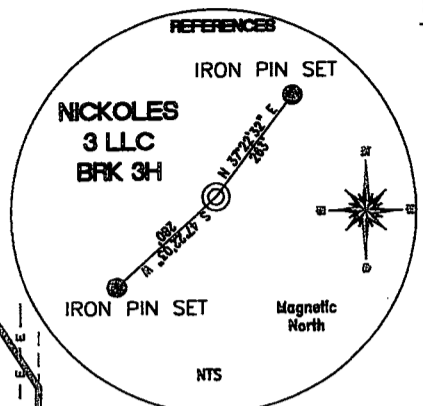
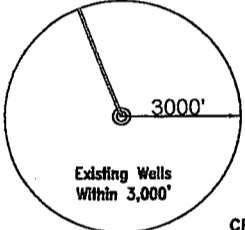
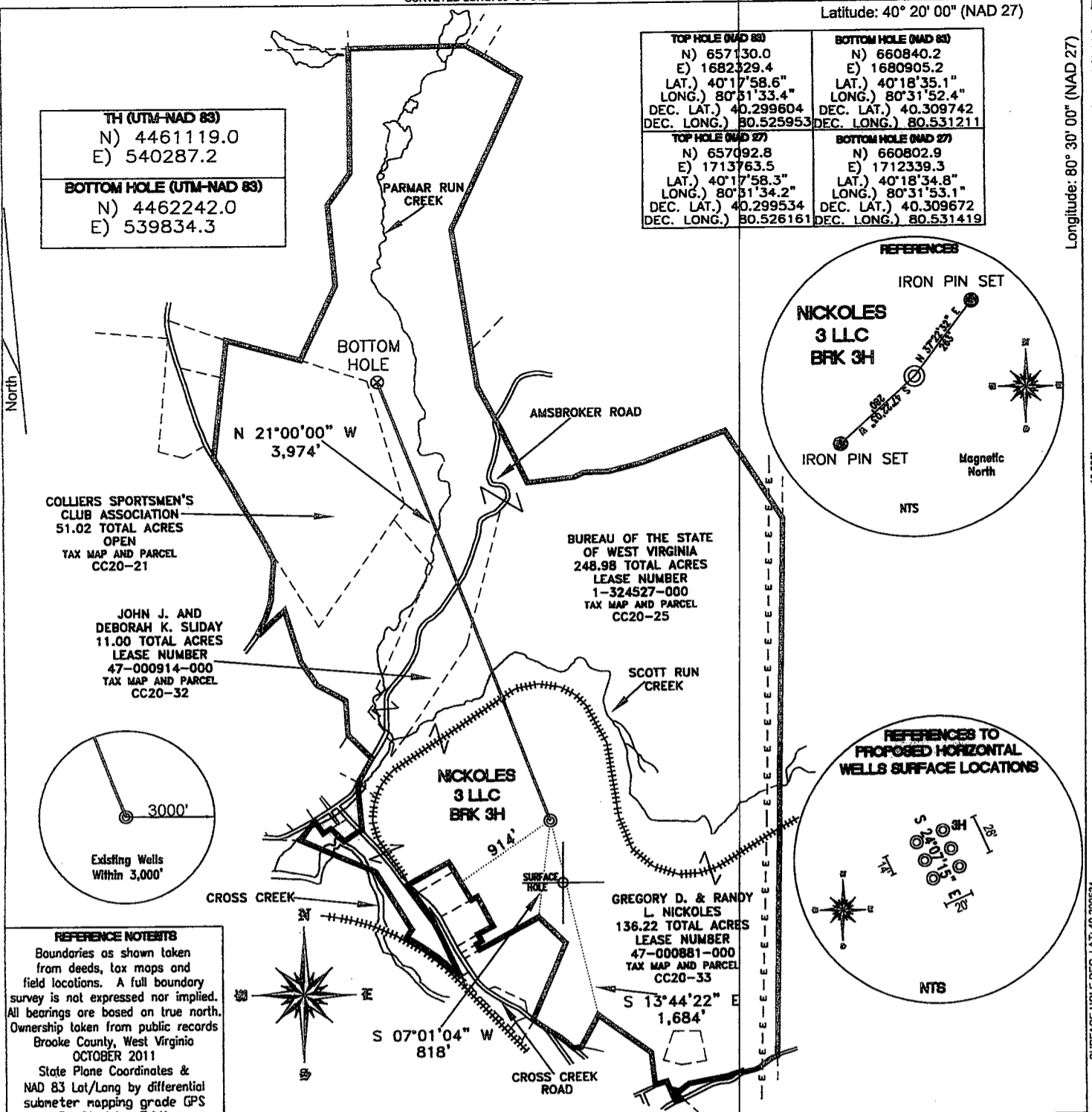


<b>TH (UTM-NAD 83)</b>
N) 4461119.0
E) 540287.2
<b>BOTTOM HOLE (UTM-NAD 83)</b>
N) 4462242.0
E) 539834.3

<b>TOP HOLE (NAD 83)</b>	<b>BOTTOM HOLE (NAD 83)</b>
N) 657130.0	N) 660840.2
E) 1682329.4	E) 1680905.2
LAT.) 40°17'58.6"	LAT.) 40°18'35.1"
LONG.) 80°31'33.4"	LONG.) 80°31'52.4"
DEC. LAT.) 40.299604	DEC. LAT.) 40.309742
DEC. LONG.) 80.525953	DEC. LONG.) 80.531211
<b>TOP HOLE (NAD 27)</b>	<b>BOTTOM HOLE (NAD 27)</b>
N) 657092.8	N) 660802.9
E) 1713763.5	E) 1712339.3
LAT.) 40°17'58.3"	LAT.) 40°18'34.8"
LONG.) 80°31'34.2"	LONG.) 80°31'53.1"
DEC. LAT.) 40.299534	DEC. LAT.) 40.309672
DEC. LONG.) 80.526161	DEC. LONG.) 80.531419



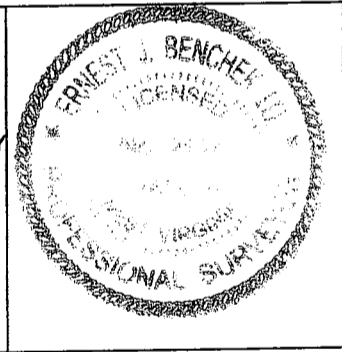
**REFERENCE NOTES**  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia OCTOBER 2011 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

FILE #: CHE 097  
DRAWING #: 1868  
SCALE: 1"=1200'  
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:

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: UPPER OHIO SOUTH ELEVATION: 1,000

COUNTY/DISTRICT: BROOKE/CROSS CREEK QUADRANGLE: STUEBENVILLE EAST

SURFACE OWNER: GREGORY D. & RANDY L. NICKOLES ACREAGE: 136.22 +/-

OIL & GAS ROYALTY OWNER: GREGORY D. & RANDY L. NICKOLES ACREAGE: 396.2 +/-

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: 5,625' TMD: 9,394'

WELL OPERATOR : CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC B. GILLESPIE

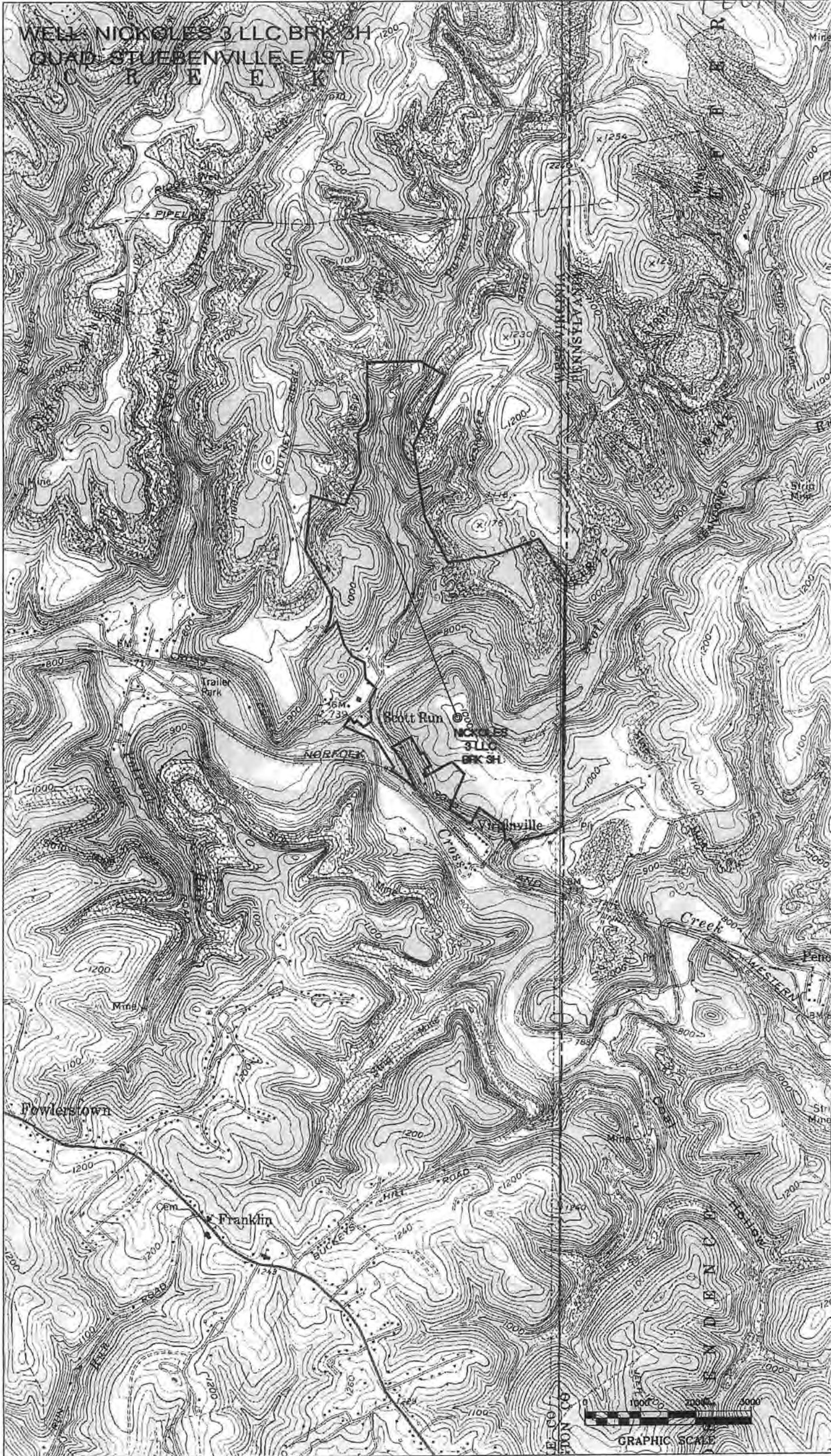
ADDRESS: PO BOX 18496 ADDRESS: Po Box 6070

CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25362

08/17/2012

170011

WELL NICKLES 3 LLC BRK 3H  
QUAD STUEBENVILLE EAST  
C R E E K



08/17/2012