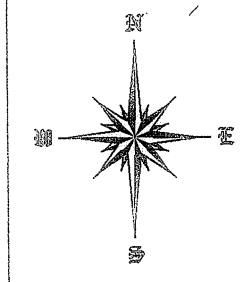
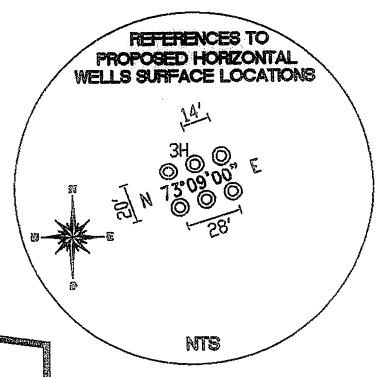
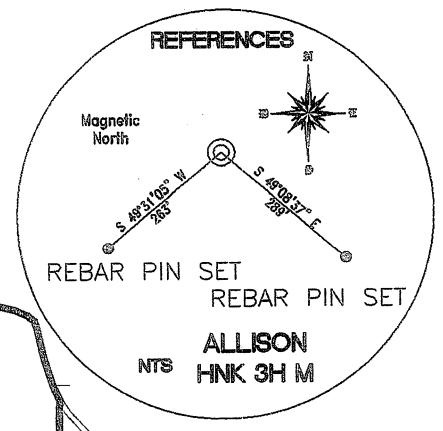
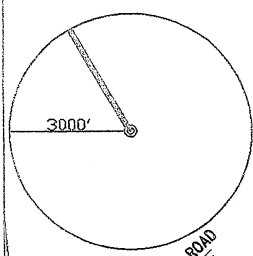


SURFACE HOLE DEC. LONG: 80.547143
 SURVEYED LONG: 80° 32' 49.7" ← 1,520'

Latitude: 40° 32' 30"

Longitude: 80° 32' 30"



| |
|--|
| TOP HOLE (NAD 83) N) 730777.9 E) 1677276.8 LAT.) 40°30'05.7" LONG.) 80°32'49.7" DEC. LAT.) 40.501580 DEC. LONG.) 80.547143 |
| TOP HOLE (NAD 27) N) 730740.8 E) 1708710.9 LAT.) 40°30'05.5" LONG.) 80°32'50.5" DEC. LAT.) 40.501514 DEC. LONG.) 80.547351 |
| BOTTOM HOLE (NAD 83) N) 734130.8 E) 1675123.7 LAT.) 40°30'38.6" LONG.) 80°33'18.1" DEC. LAT.) 40.510713 DEC. LONG.) 80.555026 |
| BOTTOM HOLE (NAD 27) N) 734093.7 E) 1706557.8 LAT.) 40°30'38.3" LONG.) 80°33'18.8" DEC. LAT.) 40.510647 DEC. LONG.) 80.555234 |

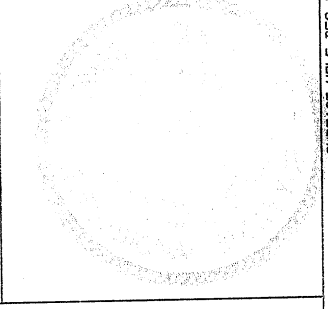
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records HANCOCK County, West Virginia AUGUST 2011 State Plane Coordinates & NAD 83 Lat/Long by differential submeter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

FILE #: CHE 089
 DRAWING #: 1812
 SCALE: 1" = 1000'
 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 WVDEP
OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1275'

COUNTY/DISTRICT: HANCOCK / CLAY QUADRANGLE: EAST LIVERPOOL SOUTH

SURFACE OWNER: CAROLYN ALLISON ACREAGE: 60.76 +/-
 OIL & GAS ROYALTY OWNER: CAROLYN ALLISON ACREAGE: 314.71 +/-

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: West Falls ESTIMATED DEPTH: TVD: 5,140' TMD: 8,500'
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC GILLESPIE
 ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

SURFACE HOLE DEC. LAT: 40.501580 SURVEYED LAT: 40° 30' 05.7"

29-00141H

