

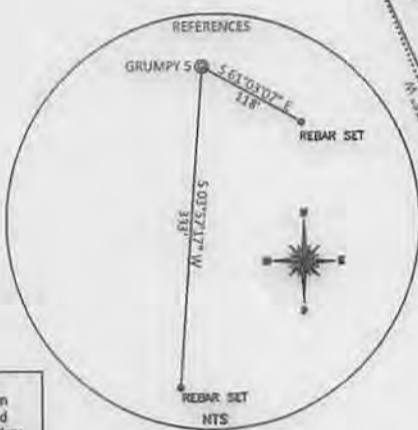
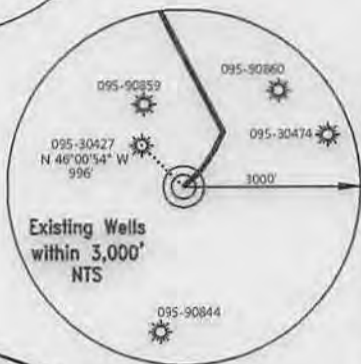
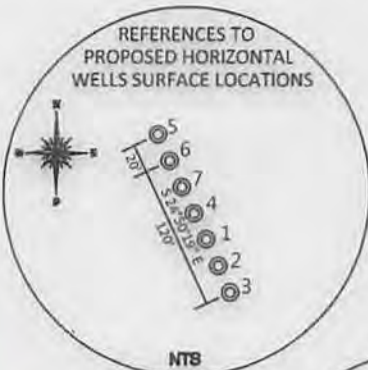
TOP HOLE (UTM NAD 83)  
 N) 4368711.2  
 E) 520281.4

BOTTOM HOLE (UTM NAD 83)  
 N) 4370515.7  
 E) 519628.3

NO DWELLINGS FOUND WITHIN 850'  
 OF THE CENTER OF THE WELL PAD  
 NO WATER WELLS FOUND WITHIN  
 250' OF THE CENTER OF WELL PAD



RICHARD & BARBARA THOMASELLI  
 0.5 ACRES  
 TAX MAP & PARCEL  
 2-22.1



**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 Tyler County, West Virginia OCTOBER 2013. State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS. Drafted by: LAM

FILE #: 201369

DRAWING #: 1

SCALE: PLAT - 1" = 1000'  
 TICK MARK - 1" = 2000'

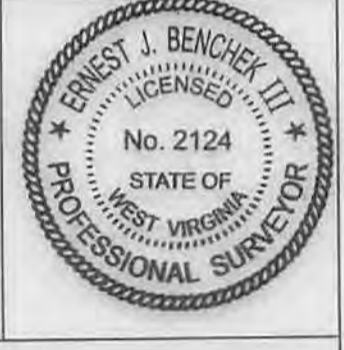
MINIMUM DEGREE OF ACCURACY: 1/200

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 WVDEP

OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

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

WATERSHED: OUTLET MIDDLE ISLAND CREEK

COUNTY/DISTRICT: TYLER/McELROY

SURFACE OWNER: GEORGE & JOANN WOODBURN

OIL & GAS ROYALTY OWNER: JUSTUS SPENCER (TM6/18), HAUGHT FAMILY TRUST (TM6/14), THOMAS G. WOODBURN (TM2/24), RICHARD & BARBARA THOMASELLI (TM2/22, TM2/23)

LEASE NUMBERS: 1. T1-18, 2. T3042, 3. T3095A, T3095B, 4. T3091A 5. T3091C

DATE: MAY 13, 2014

OPERATOR'S WELL #: GRUMPY 5

API WELL #: 47 95 02161 H6A  
 STATE COUNTY PERMIT

ELEVATION: 1298.01'

QUADRANGLE: SHIRLEY, WV

ACREAGE: 42.00 +/-

ACREAGE: 399.78 +/-

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: SHANE DOWELL

ADDRESS: 3570 SHIELDS HILL ROAD

CITY: CAIRO STATE: WV ZIP CODE: 26337

05/06/2014

WELL NAME: GRUMPY 5  
QUAD: SHIRLEY, WV

