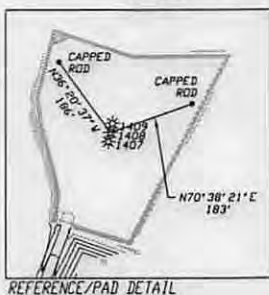
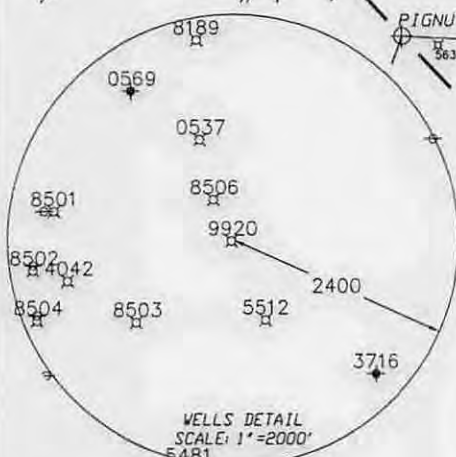


| SURFACE LOC. | LANDING POINT LOC. | BOTTOM HOLE LOC. | LEGEND |
|---------------------------------------|---------------------------------------|---------------------------------------|--|
| UTM 17-NAD 83 METERS | UTM 17-NAD 83 METERS | UTM 17-NAD 83 METERS | TOPO MAP POINT EXISTING WELLS PRE-29 WELLS PLUGGED WELL MINERAL TRACT PARCEL LINES PROPOSED WELL ROAD STREAM |
| N: 4333526.83' E: 484531.77' | N: 4333653.35' E: 484451.45' | N: 4334738.74' E: 483372.56' | |
| NAD 83 | NAD 83 | NAD 83 | |
| LAT: 39.15074568 LON: -81.17894874 | LAT: 39.15194167 LON: -81.17994698 | LAT: 39.16170227 LON: -81.19245982 | |



- NOTES:
1. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF PROPOSED WELL.
 2. THERE ARE NO EXISTING BUILDINGS WITHIN 625' OF PROPOSED WELL.
 3. PROPOSED WELL IS GREATER THAN 100' FROM PERENNIAL STREAM, WETLAND, POND, RESERVOIR, OR LAKE.
 4. THERE ARE NO NATIVE TROUT STREAMS WITHIN 300' OF PROPOSED WELL.
 5. PROPOSED WELL IS GREATER THAN 1000' FROM SURFACE/GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY
 6. IT IS NOT THE INTENTION OF THIS PLAT TO REPRESENT SURVEYED LOCATIONS OF THE SURFACE OR MINERAL PARCELS DEPICTED HEREON. THE LOCATION OF THE BOUNDARY LINES, AS SHOWN, ARE BASED ON RECORD DEED DESCRIPTIONS, FIELD EVIDENCE FOUND, AND/OR TAX MAP POSITION, UNLESS OTHERWISE NOTED.

PICKERING ASSOCIATES
the art of engineering
11283 Emerson Avenue Phone: (304) 464-5305
Parkersburg, West Virginia 26104 Fax: (304) 464-4428

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: PS# 2141



FILE#: 2139133
DRAWING#: TRH-STEPHENS MASTER
SCALE: 1"=1000'
ACCURACY: 1/2500
ELEVATION: OPUS SOLUTION
DATE: 10/27/14

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP OPERATOR'S WELL#: STEPHENS 1408
 GAS LIQUID INJECTION STORAGE SHALLOW API WELL#: 47 085

WATERSHED: LOWER NORTH FORK HUGHES RIVER COUNTY/DISTRICT: RITCHIE/GRANT STATE COUNTY PERMIT
SURFACE OWNER: SHEILA P. LAYFIELD QUADRANGLE: CAIRD
OIL & GAS ROYALTY OWNERS: STUART G. RUTHERFORD et al.; SHEILA P. LAYFIELD ACREAGE: 1119.38AC
ACREAGE: 1119.38AC; 13AC

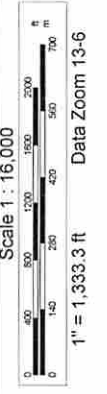
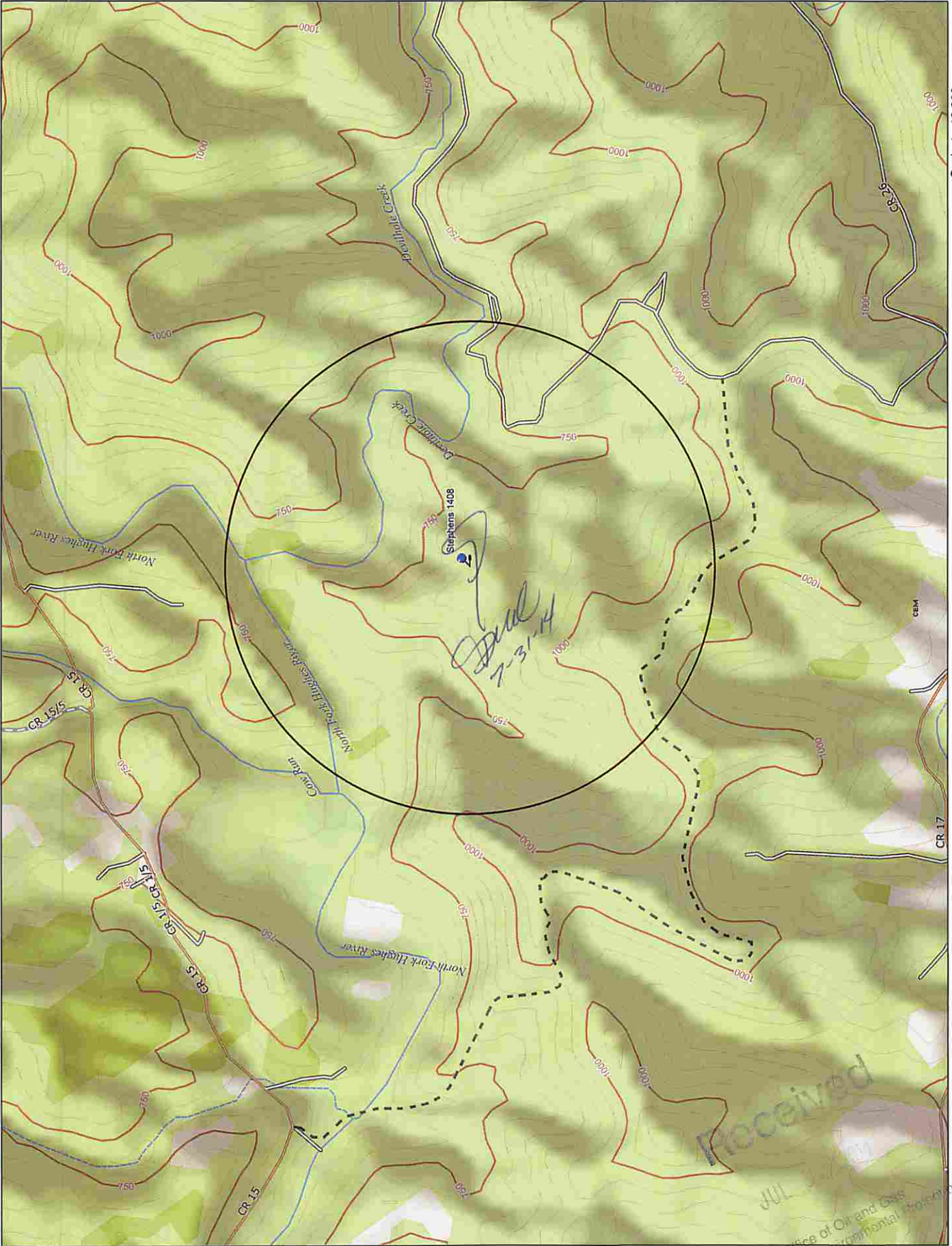
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON

PAD ELEVATION 1078' CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD. 6052' ± MD. 11335.5' ±
WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY ARNOLD
ADDRESS 125 PUTNAM ST. ADDRESS PO BOX 154
CITY MARIETTA STATE OH ZIP CODE 45750 CITY WAVERLY STATE WV ZIP CODE 26184

11/28/2014

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 WV Dept. of Environmental Protection

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