

FORM WW-6

SURFACE HOLE LOCATION
 UTM 17 - NAD 83
 N - 4372156.96
 E - 519011.56
WV SPC NORTH NAD83
 N - 366366.95
 E - 1607630.68

LANDING POINT LOCATION
 UTM 17 - NAD 83
 N - 4372380.58
 E - 519205.47
WV SPC NORTH NAD83
 N - 367090.16
 E - 1608279.25

BOTTOM HOLE LOCATION
 UTM 17 - NAD 83
 N - 4375414.89
 E - 518296.30
WV SPC NORTH NAD83
 N - 377096.98
 E - 1605462.04

PROPERTY TIES
 L1 - S76°24'01"W 637.6'
 L2 - N27°55'13"E 978.9'

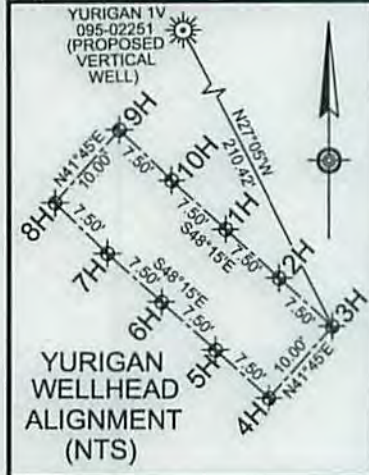
YURIGAN 3H MINERAL OWNERSHIP

- 75 - Almeda S. James, et al
- 33 - Jonathan S. Cooper, et al
- 74 - Emery Jay Minges, et al
- 52 - American Energy - Marcellus Minerals, LLC
- 76 - Cathy Jo Ash, et al
- 98 - Daniel Ferrell, et al
- 234 - Patricia A. Nye
- 232 - Barbara Ann Mott et al.
- 233 - Elaine L. Oiler, et al
- 223 - Shirley B. Dougherty, et al



- NOTES**
1. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF THE PROPOSED WELL.
 2. PERENNIAL STREAM, WETLAND, POND, RESERVOIR OR LAKE - THERE ARE WETLANDS LOCATED WITHIN 100 FEET OF THE PROPOSED PAD, LOD, OR E&S CONTROL. PLEASE SEE WETLAND WAIVER REQUEST ASSOCIATED WITH THIS PERMIT APPLICATION FOR MORE DETAIL.
 3. THERE ARE NO NATIVE TROUT STREAMS WITHIN 300' OF PROPOSED PAD, LOD, OR E&S CONTROL FEATURE.
 4. PROPOSED PAD, LOD, OR E&S CONTROL FEATURE IS GREATER THAN 1000' FROM SURFACE OR GROUND-WATER INTAKE OF PUBLIC WATER SUPPLY.
 5. CENTER OF PAD IS 625 FEET FROM OCCUPIED DWELLING STRUCTURE AND AGRICULTURAL BUILDINGS LARGER THAN 2500 SQUARE FEET.
 6. IT IS NOT THE INTENTION OF THIS PLAT TO REPRESENT A COMPLETE BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON. BOUNDARIES AS SHOWN TAKEN FROM RECORD DEED DESCRIPTIONS, TAX MAPS, AND SUPPLEMENTAL FIELD SURVEY.
 7. OWNERSHIP DATA GATHERED FROM COUNTY PUBLIC TAX AND DEED RECORDS.
 8. DIRECTIONS SHOWN ARE BASED ON WEST VIRGINIA SPC NORTH, NAD 83 DATUM

- LEGEND**
- OUTER LEASE BOUNDARY.
 - INTERIOR LEASE BOUNDARY
 - SURFACE TRACT LINES
 - WELL REFERENCE LINES
 - ⊙ - COUNTY ROADS
 - ⊙ - PUBLIC ROADS
 - BLUE-LINE STREAMS
 - ⊙ - MINERAL OWNER
 - ⊙ - PROPOSED WELL
 - ⊙ - EXISTING WELL
 - ⊙ - LANDING POINT
 - ⊙ - BOTTOM HOLE



FILE NO. 8790-003-6
 DRAWN BY DMS
 SCALE 1 INCH = 2000 FEET
 MIN DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION SURVEY 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 DIVISION OF ENVIRONMENTAL PROTECTION

David M. Shannon
 P.S. #2034



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

LDG Larson Design Group

W.V.D.E.P. OFFICE OF OIL AND GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE 9-15-2015
 OPERATORS WELL NO. YURIGAN 3H
 API WELL NO. 47
 STATE COUNTY PERMIT 095 02303H6A

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 IF "GAS", PRODUCTION STORAGE DEEP SHALLOW

LOCATION: WATERSHED ELK FORK ELEVATION 1240.8
 COUNTY/DISTRICT TYLER / ELLSWORTH QUADRANGLE SHIRLEY - SEC. 3
 SURFACE OWNER STATOIL USA ONSHORE PROPERTIES, INC. ACREAGE 84.07±
 OIL & GAS ROYALTY OWNER SEE TABLE ABOVE ACREAGE 691.1

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH 6930
 WELL OPERATOR: STATOIL USA ONSHORE PROPERTIES, INC. DESIGNATED AGENT RICHARD PYLES
 ADDRESS 2107 CITYWEST BOULEVARD ADDRESS 803 NASH ROAD
 HOUSTON TX, 77042 MIDDLEBOURNE, WV 26149

P:\8790\8790-003-6 YURIGAN (WV-8) DATA\SURVEYS\YURIGAN FINAL WELL PLAT.DWG

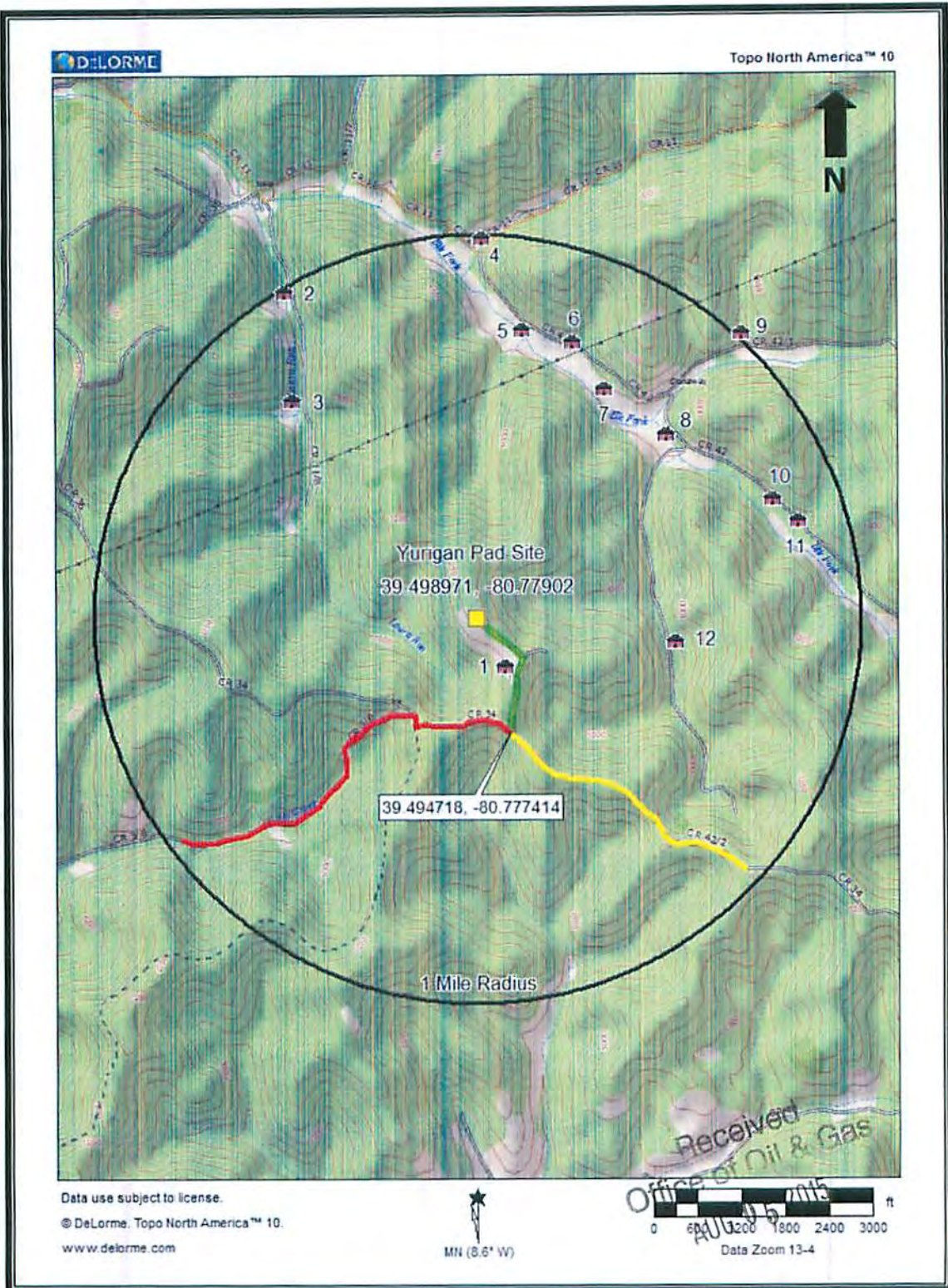
COUNTY NAME PERMIT

10/30/2015

MAG
7/17/15

09502303

C. Evacuation Plan



* Lease road is shown in Green