

ZMBG #4H (47-103-02784) AS-DRILLED

ZMBG #4H SURFACE HOLE

STATE PLANE COORDINATES
NORTH ZONE-NAD 27
(N) 418317
(E) 1628042

L & L DECIMAL
NAD 27
39.84101
80.82085

UTM (NAD 83)
ZONE 17
METERS
4387939
515387

ZMBG #4H LANDING POINT

STATE PLANE COORDINATES
NORTH ZONE-NAD 27
(N) 417134
(E) 1628602

L & L DECIMAL
NAD 27
39.83779
80.81880

UTM (NAD 83)
ZONE 17
METERS
4387581
515564



ZMBG #4H BOTTOM HOLE

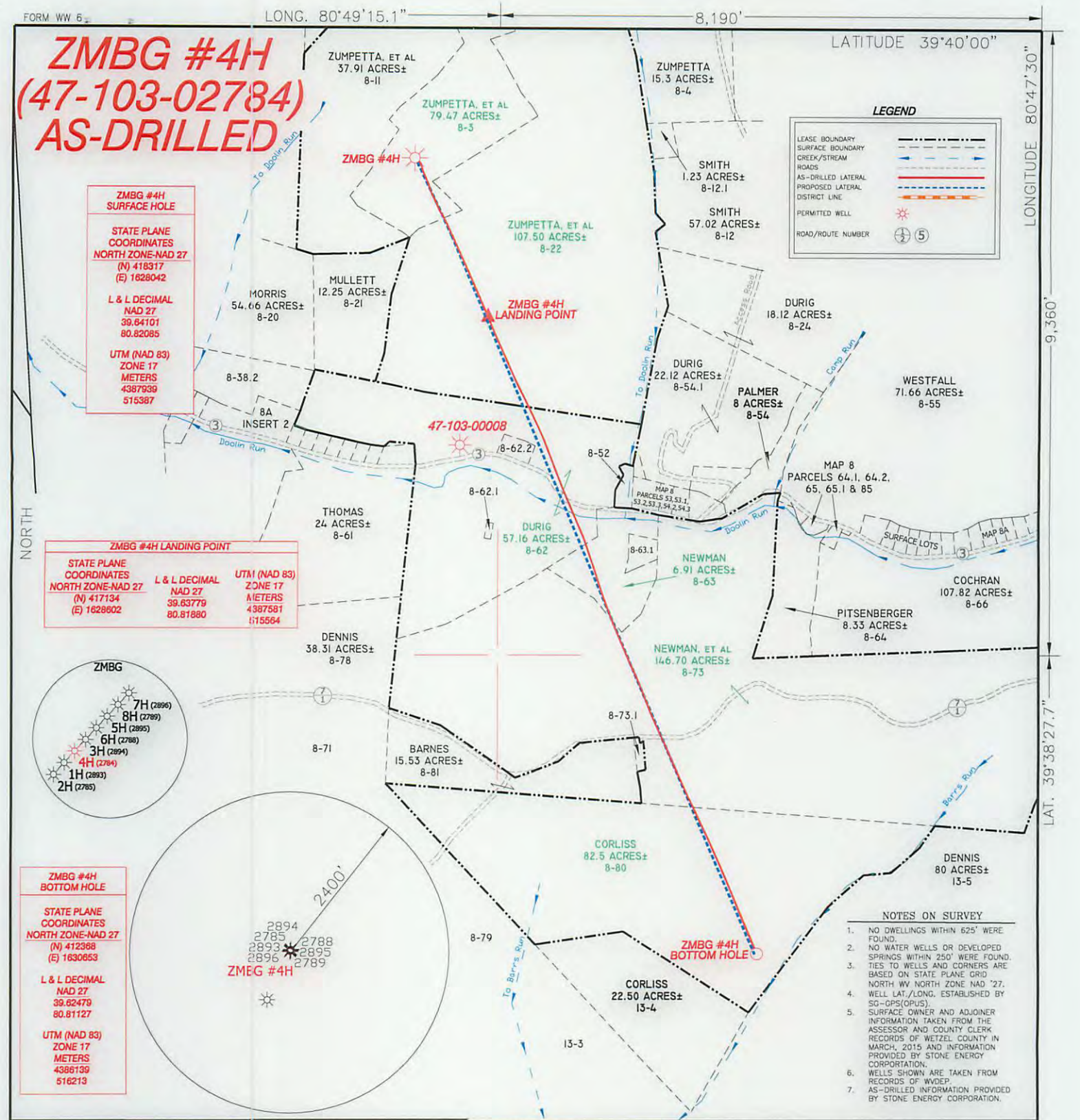
STATE PLANE COORDINATES
NORTH ZONE-NAD 27
(N) 412388
(E) 1630653

L & L DECIMAL
NAD 27
39.62479
80.81127

UTM (NAD 83)
ZONE 17
METERS
4386139
516213

LEGEND

- LEASE BOUNDARY: Dashed line
- SURFACE BOUNDARY: Solid line
- CREEK/STREAM: Blue line with arrows
- ROADS: Red line with arrows
- AS-DRILLED LATERAL: Red dashed line
- PROPOSED LATERAL: Blue dashed line
- DISTRICT LINE: Dotted line
- PERMITTED WELL: Sun symbol
- ROAD/ROUTE NUMBER: Circle with number



- NOTES ON SURVEY**
- NO DWELLINGS WITHIN 625' WERE FOUND.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
 - TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
 - WELL LAT./LONG. ESTABLISHED BY SG-GPS(OPUS).
 - SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN MARCH, 2015 AND INFORMATION PROVIDED BY STONE ENERGY CORPORATION.
 - WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.
 - AS-DRILLED INFORMATION PROVIDED BY STONE ENERGY CORPORATION.

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.

[Signature]

P.S. 834

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JULY 15, 20 15
OPERATORS WELL NO. ZMBG #4H
API WELL NO. 47-103-02784
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2068 (BK 77-29)
PROVEN SOURCE OF ELEVATION SG-GPS(OPUS) SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

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

LOCATION :
ELEVATION 1,340' WATERSHED TRIBUTARY OF DOOLIN RUN
DISTRICT MAGNOLIA COUNTY WETZEL QUADRANGLE NEW MARTINSVILLE 7.5'

SURFACE OWNER LAWRENCE ZUMPETTA, et al ACREAGE 79.47±
ROYALTY OWNER LAWRENCE ZUMPETTA, et al LEASE ACREAGE 480.24± **10/09/2015**

PROPOSED WORK : LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TVD 6,937' MD 12,614'

WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT TIM MCGREGOR
ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70508 ADDRESS 6000 HAMPTON CENTER SUITE B MORGANTOWN WV 26505