

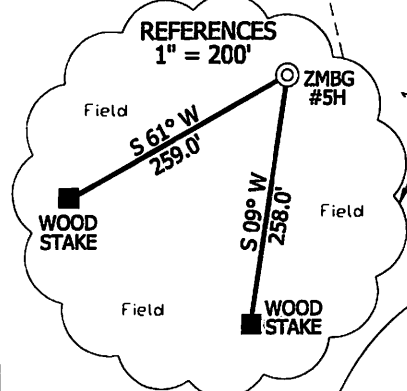
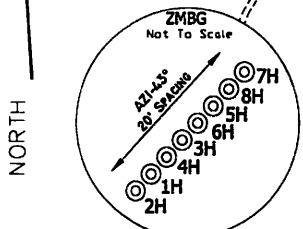
ZMBG #5H

**ZMBG #5H
BOTTOM HOLE
STATE PLANE
COORDINATES
NORTH ZONE
(N) 423821
(E) 1625113**

**ZMBG #5H
BOTTOM HOLE
L & L DECIMAL
39.85600
80.83154**

**ZMBG #5H
BOTTOM HOLE
UTM (NAD 83)
4389600
514487**

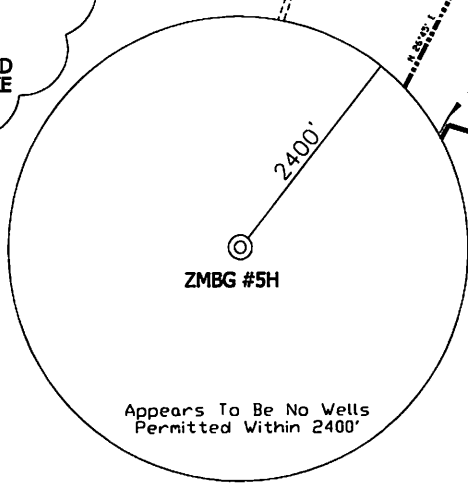
NORTH



**ZMBG #5H
LANDING POINT
STATE PLANE
COORDINATES
NORTH ZONE
(N) 418995
(E) 1627808**

**ZMBG #5H
LANDING POINT
L & L DECIMAL
39.84286
80.82172**

**ZMBG #5H
LANDING POINT
UTM (NAD 83)
4388144
515313**



**ZMBG #5H
STATE PLANE
COORDINATES
NORTH ZONE
(N) 418364
(E) 1628083**

**ZMBG #5H
L & L DECIMAL
39.84115
80.82071**

**ZMBG #5H
UTM (NAD 83)
4387953
515400**

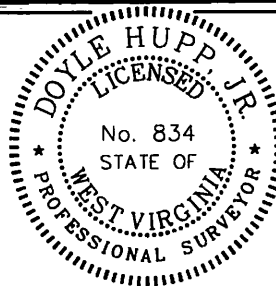
NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 374 AT PAGE 288 AND INFORMATION PROVIDED BY STONE ENERGY. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN OCTOBER, 2011 AND INFORMATION PROVIDED BY STONE ENERGY CORPORATION. WELL LAT./LONG. ESTABLISHED BY SG-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.

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 JANUARY 20, 20 12

OPERATORS WELL NO. ZMBG #5H

API WELL NO. 47-103-2895
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2068 (BK 49-6)
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 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 465.17±

PROPOSED WORK :
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

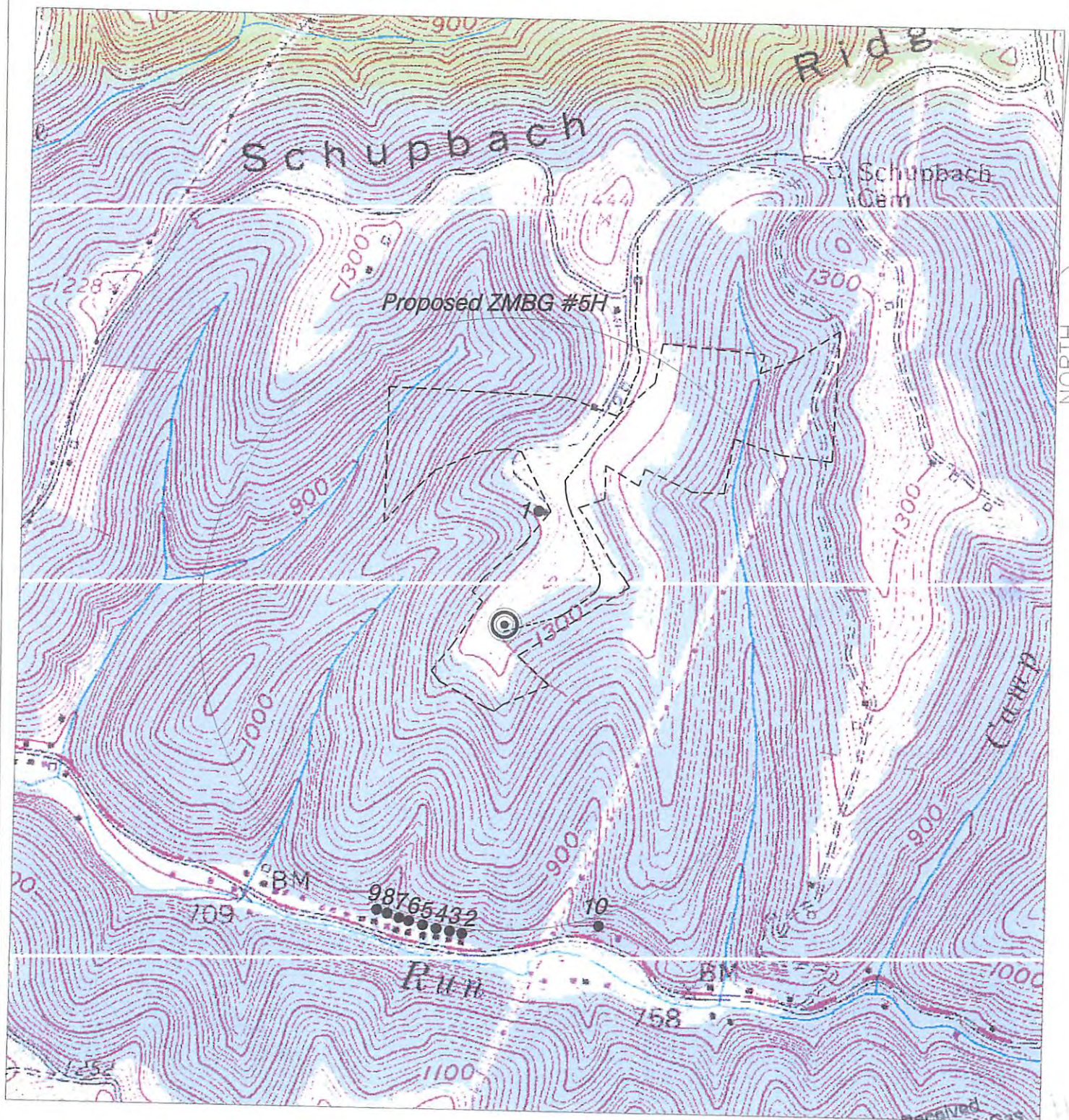
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TVD 6,750' MD 13,260'

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

07/05/2013

COUNTY NAME PERMIT

STONE ENERGY CORP. ZMBG #5H WATER



SCALE: 1-INCH = 1000-FEET



Received
Office of Oil & Gas

APR 22 2013

<p>HUPP Surveying & Mapping P.O. BOX 647 GRANTSVILLE, WV 26147 PH: (304)354-7035 E-MAIL: hupp@frontiernet.net</p>	<p>1" = 1000' New Martinsville Quad</p>	<p>Stone Energy Corporation PO Box 52807 Lafayette, LA 70508</p>	<p>----- Existing Access Road _____ 1000' Water Sampling Radius # Possible Water Sources</p>
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