



HOWELL #9H BOTTOM HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE -NAD 27 (N) 407862 (E) 1632240	NAD 27 39.61193 80.80639	ZONE 17 METERS 4384714 516721

HOWELL PAD
Next To Scale
AZI-354-000 SPACING

7H (2794) * 9H (2796)
5H (2838) * 10H (2797)
3H (2799) *
1H (2798) * 6H (2860)
2H (2859) * 4H (2858)
8H-R (2920) *

**HOWELL #9H
(47-103-02796)
AS-DRILLED**

HOWELL #9H SURFACE HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE -NAD 27 (N) 401704 (E) 1633248	NAD 27 39.59586 80.79442	ZONE 17 METERS 4382932 517667

HOWELL #9H LANDING POINT

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE -NAD 27 (N) 403830 (E) 1635513	NAD 27 39.60154 80.79358	ZONE 17 METERS 4383583 517737



- NOTES ON SURVEY**
1. NO DWELLINGS WITHIN 625' WERE FOUND.
 2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
 3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
 4. WELL LAT./LONG. ESTABLISHED BY SG-OPUS.
 5. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN AUGUST, 2013 AND INFORMATION PROVIDED BY STONE ENERGY CORPORATION.
 6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.
 7. AS-DRILLED INFORMATION PROVIDED BY STONE ENERGY CORPORATION.

LINE LEGEND

LEASE BOUNDARY	--- --
SURFACE BOUNDARY	--- --
CREEK/STREAM	~ ~ ~ ~
ROADS	— — — —
PROPOSED LATERAL	--- --
AS-DRILLED LATERAL	— — — —

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.



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

DATE OCTOBER 22, 20 14

OPERATORS WELL NO. HOWELL #9H

API WELL NO. 47-103-02796

STATE COUNTY PERMIT

P.S. 834

Doyle Hupp, Jr.

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

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2208 (BK 64-54)

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 X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION : ELEVATION 1304' WATERSHED FISHING CREEK

DISTRICT GREEN COUNTY WETZEL QUADRANGLE PORTERS FALLS 7.5'

SURFACE OWNER CHARLES & RUTH HOWELL ACREAGE 51±

ROYALTY OWNER CHARLES & RUTH HOWELL, et al LEASE ACREAGE 360.84± **06/12/2015**

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 6,942' MD 13,080'

WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT TIM MCGREGOR

ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70508 ADDRESS 1300 FORT PIERPONT DR., SUITE 201 MORGANTOWN, WV 26508