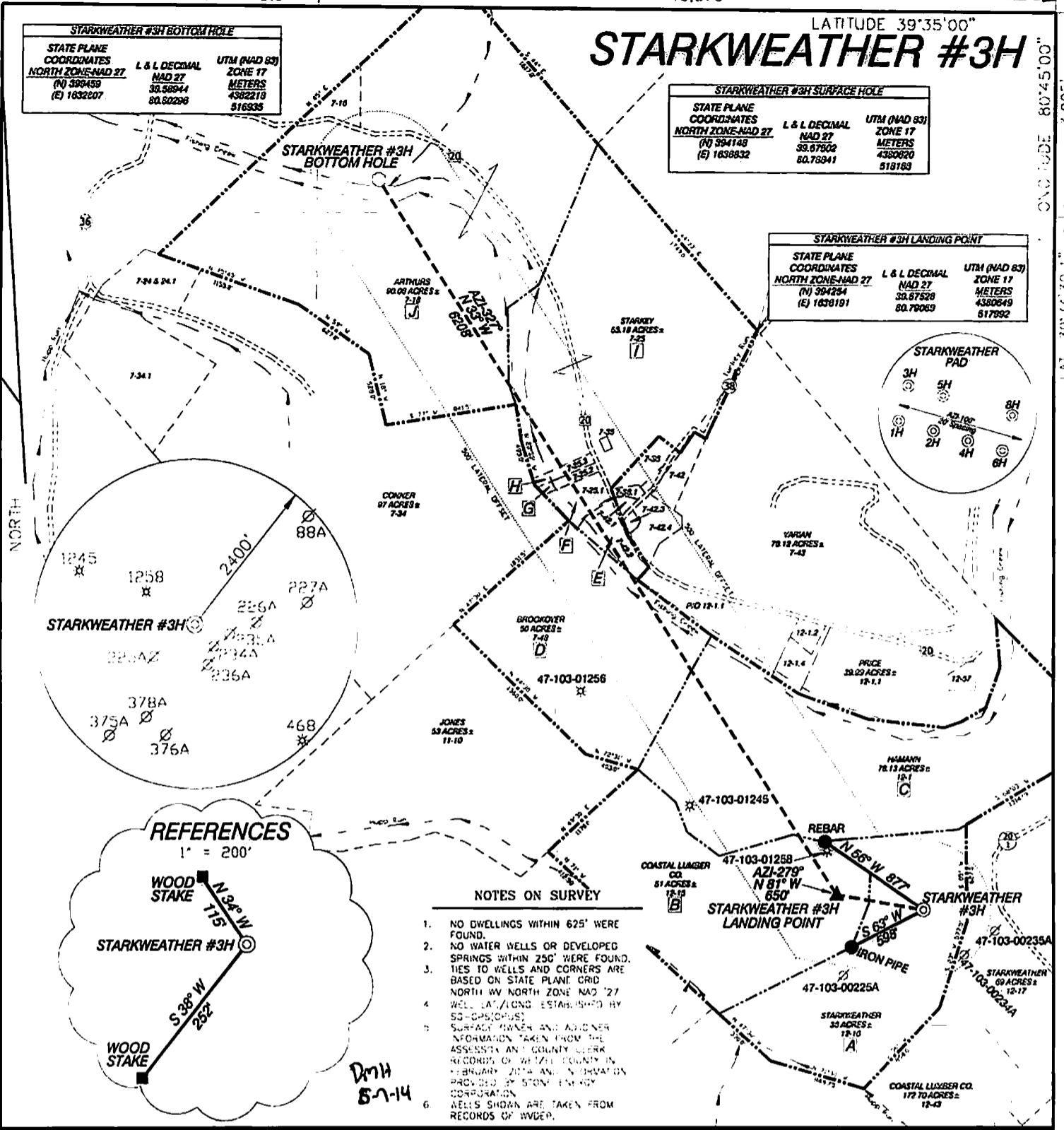


STARKWEATHER #3H

STARKWEATHER #3H BOTTOM HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 394459 (E) 1632207	L & L DECIMAL NAD 27 39.58944 80.60296	UTM (NAD 83) ZONE 17 METERS 4382219 516935

STARKWEATHER #3H SURFACE HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 394148 (E) 1638832	L & L DECIMAL NAD 27 39.67902 80.79841	UTM (NAD 83) ZONE 17 METERS 4380620 518163

STARKWEATHER #3H LANDING POINT		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 394254 (E) 1630191	L & L DECIMAL NAD 27 39.67528 80.79069	UTM (NAD 83) ZONE 17 METERS 4380649 517992



REFERENCES



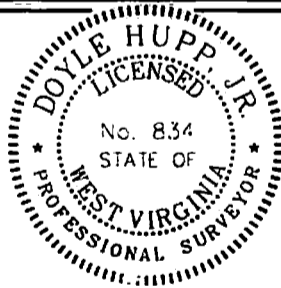
NOTES ON SURVEY

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 WY NORTH ZONE NAD '27
4. WELL LOCATION ESTABLISHED BY 50-05-05-05
5. SURFACE OWNER AND ADJACENT INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WEST VIRGINIA IN FEBRUARY 2014 AND INFORMATION PROVIDED BY STONE ENERGY CORPORATION.
6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WYDER.

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.

P.S. 834

DOYLE HUPP JR.
 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 MARCH 1, 2014

OPERATORS WELL NO. STARKWEATHER #3H

API WELL NO. 47-103-00225A

STATE WV COUNTY PUTNAM PERMIT 03007

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2173 (BK 59-35)
 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 "GAS" PRODUCTION STORAGE DEEP SHALLOW

ELEVATION 1250' WATERSHED SPRING CREEK

DISTRICT GREEN COUNTY WETZEL QUADRANGLE PORTERS FALLS 7.5'

SURFACE OWNER HEATH & CHARMAINE STARKWEATHER ACREAGE 36.1

ROYALTY OWNER HEATH & CHARMAINE STARKWEATHER, et al LEASE ACREAGE 365.96±

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 6,890' MD 13,700'

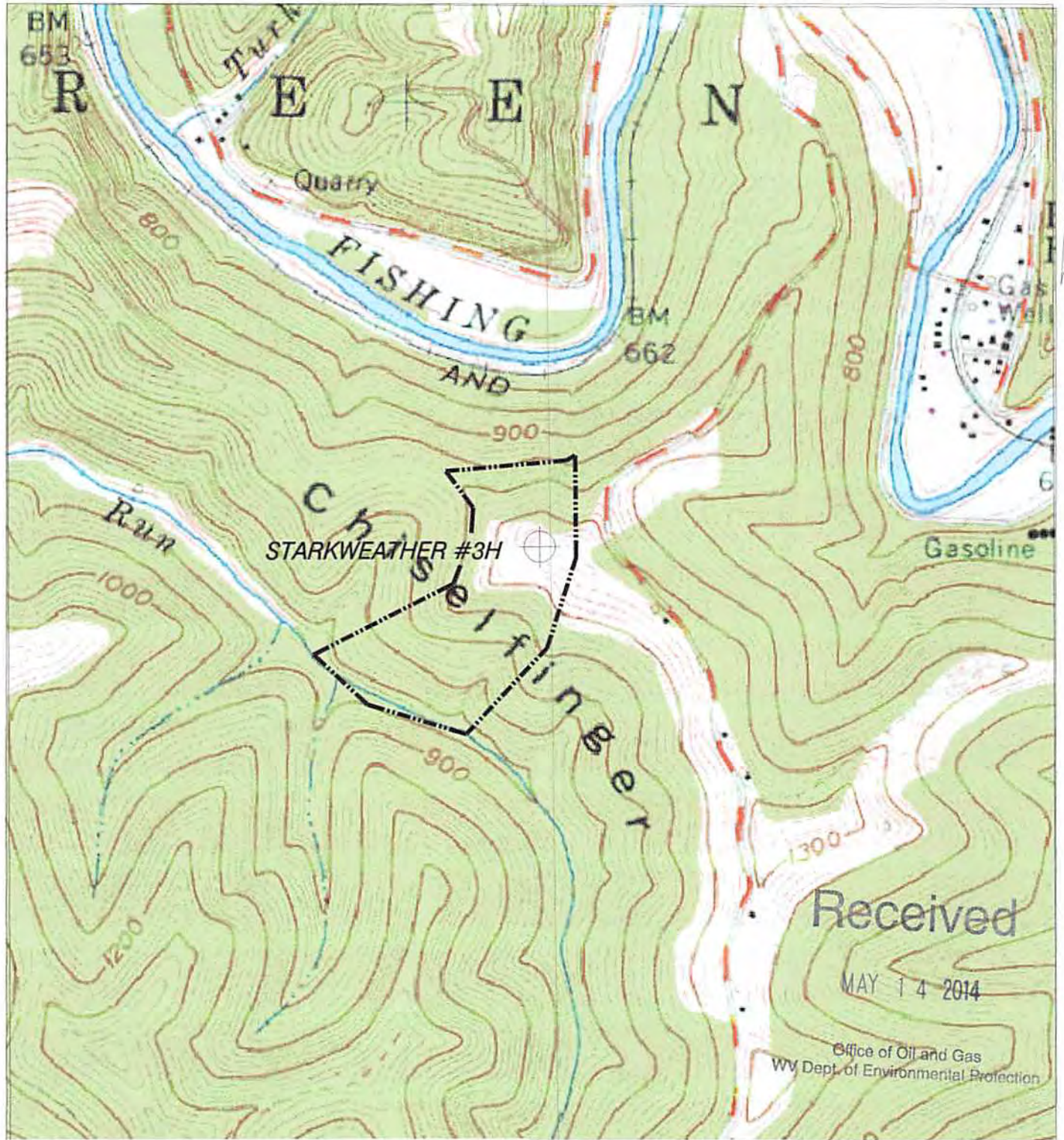
WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT TIM MCGREGOR

ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70508 ADDRESS 6000 HAMPTON CENTER SUITE B LAFAYETTE, LA 70508

09/19/2014 2:05:00

Stone Energy Corporation STARKWEATHER #3H

4710303007



DMH
4-8-14

HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147
PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'
Porters Falls 7.5'

Stone Energy Corp.
P.O. Box 52807
Lafayette, LA 70508