

NOTE: BORE PATH BASED ON GRID NORTH.

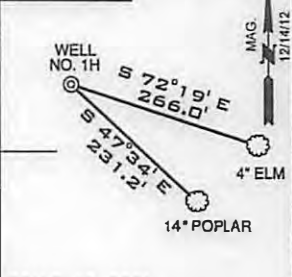
**SURFACE HOLE**  
 UTM. NAD83, ZONE 17  
 IN METERS  
 N) 4,400,437.8  
 E) 516,401.6  
 UTM. NAD83, ZONE 17  
 IN FEET  
 N) 14,437,103  
 E) 1,694,228

**TARGET POINT 1**  
 UTM. NAD83, ZONE 17  
 IN METERS  
 N) 4,400,080.3  
 E) 516,195.8  
 UTM. NAD83, ZONE 17  
 IN FEET  
 N) 14,435,930  
 E) 1,693,552

**BOTTOM HOLE**  
 UTM. NAD83, ZONE 17  
 IN METERS  
 N) 4,400,766.2  
 E) 514,490.5  
 UTM. NAD83, ZONE 17  
 IN FEET  
 N) 14,438,181  
 E) 1,687,958

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

**REFERENCES**



SCALE 1" = 200'

FILE NUMBER W0120316 (WB1-56)  
 DRAWING NUMBER ARMSTRONG\_WP\_1H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION SUBMETER MAPPING  
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 DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. Jonathan N. White  
 2122



WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: DECEMBER 27, 2012

OPERATORS WELL NO. ARM TRONG NO. 1H  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCT ON X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 STATE 47 COUNTY 051 PERMIT 01613 H6A

LOCATION ELEVATION 1278' WATERSHED \_\_\_\_\_ TRIBUTARY OF COON RUN  
 DISTRICT FRANKLIN COUNTY MARSHALL  
 QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0102-001  
WV16-0010-001, WV16-0076-001, WV16-0084-000

SURFACE OWNER CNX GA COMPAN, LLC ACREAGE 159.05  
 OIL & GAS ROYALTY OWNER CNX GAS COMPANY, LLC LEASE ACREAGE 463.18

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) \_\_\_\_\_

TARGET FORMATION MARCELLUS PLUG & ABANDON \_\_\_ CLEAN OUT & R PLUG \_\_\_  
 ESTIMATED DEPTH 6458 + Horizontal Leg

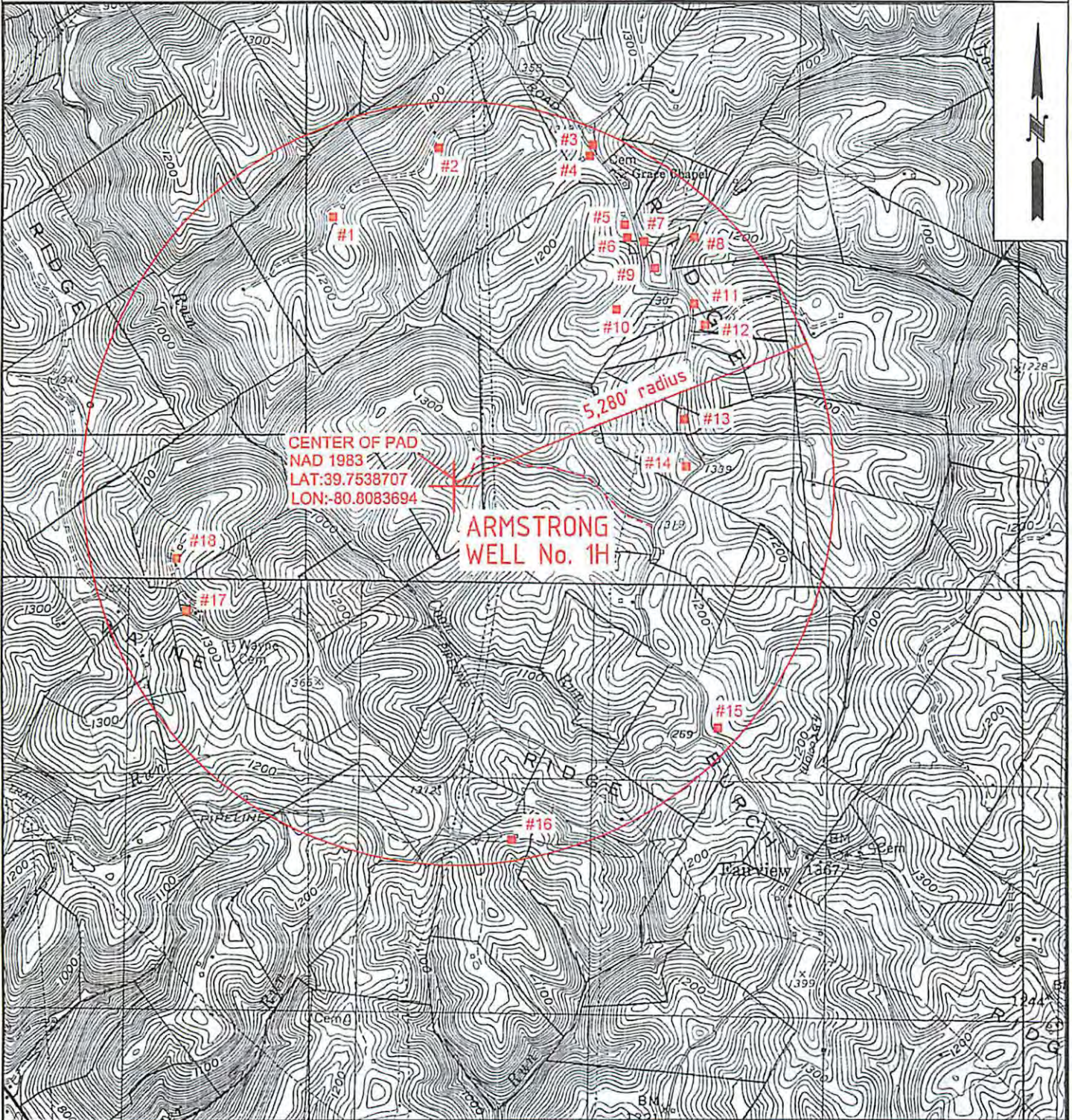
WELL OPERATOR GASTAR EXPLORATION USA, INC. DESIGNATED AGENT MICHAEL McCOWN  
 ADDRESS 229 W MAIN STREET, SUITE 301 ADDRESS 229 W MAIN STREET, SUITE 301  
CLARKSBURG WV, 26301 CLARKSBURG WV, 26301

04/19/2013



# PROPOSED ARMSTRONG WELL No. 1H

There are Eighteen ( 18 ) residences within 5,280'.



	OPERATOR	TOPO SECTION	LEASE NAME
W0120316	GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301	POWHATAN POINT 7.5'	ARMSTRONG
		SCALE: 1"=2000'	DATE: DATE: 12/27/12 04/19/2013