

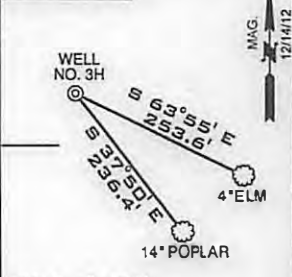
NOTE: BORE PATH BASED ON GRID NORTH.

SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,447.6
 E) 516,408.8
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,437,135
 E) 1,694,251

TARGET POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,238.7
 E) 516,455.1
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,436,450
 E) 1,694,403

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,992.4
 E) 514,581.4
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,438,922
 E) 1,688,256

REFERENCES



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

SCALE 1"=200'

FILE NUMBER W0120316 (WB1-56)
 DRAWING NUMBER ARMSTRONG_WP_3H
 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



SEAL

WVDEP
 OFFICE OF OIL & GAS
 801 57TH STREET
 CHARLESTON, WV 25304

DATE: DECEMBER 27, 2012

OPERATORS WELL NO. ARMSTRONG NO. 3H
 API WELL NO. _____

47-051-1615 H6A
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION ELEVATION 1278' WATERSHED _____ TRIBUTARY OF COON RUN

DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE POWHATAN POI T 7.5' LEASE NUMBER WV16-0102-001
WV16-0010-001, WV16-0076-001, WV16-0084-000

SURFACE OWNER CNX GAS COMPANY, LLC ACREAGE 159.05
 OIL & GAS ROYALTY OWNER CNX GAS COMPANY, LLC LEASE ACREAGE 556.01

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 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

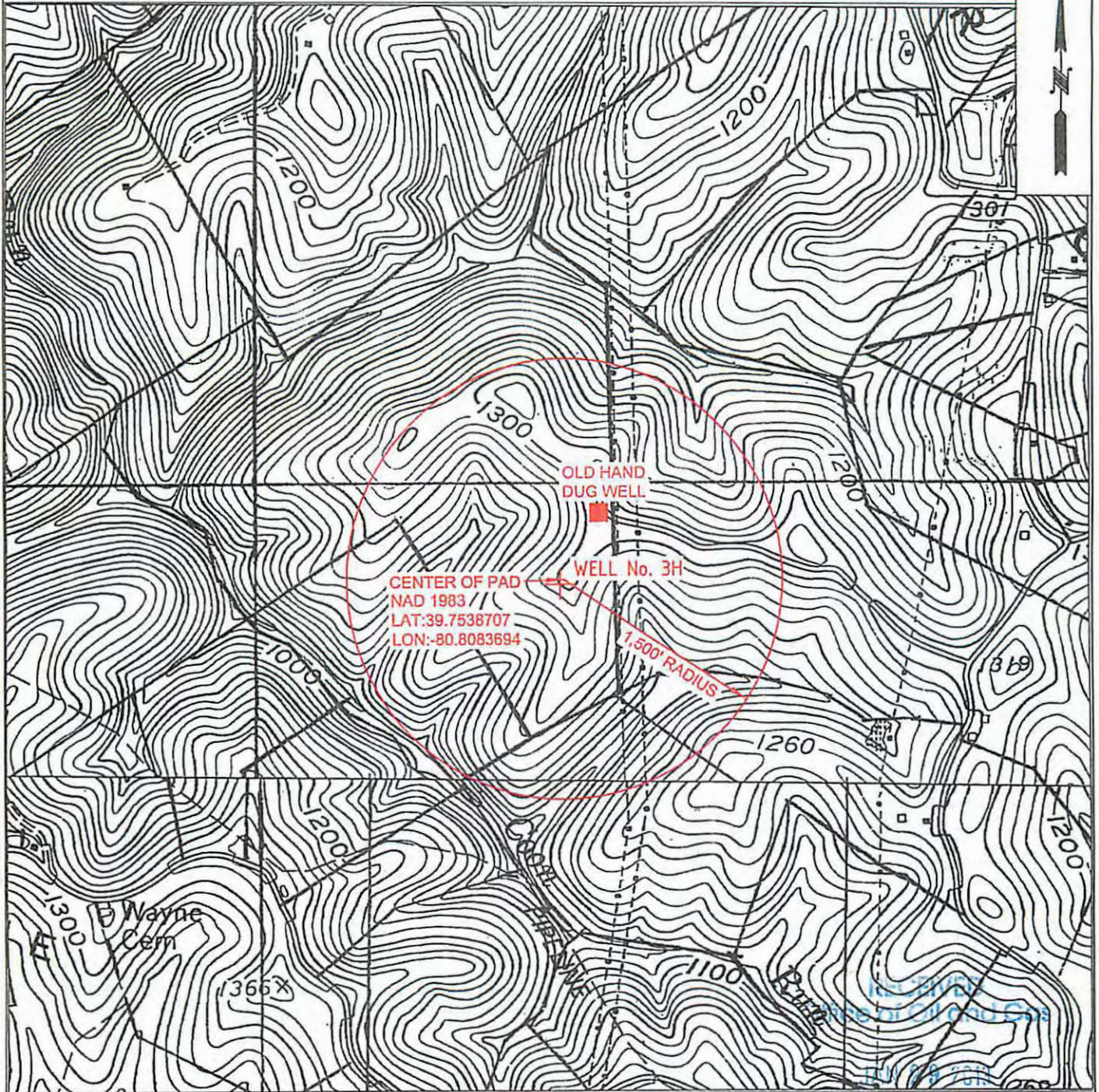
04/19/2013

WW-6A

PROPOSED ARMSTRONG
WELL No. 3H

SUPPLEMENT PG 2

There appears to be one (1) water source within 1,500'.



W0120316	OPERATOR	TOPO SECTION	LEASE NAME
	GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301	POWHATAN POINT 75'	ARMSTRONG
	SCALE: 1"=1000'	DATE: DATE: 12/27/12	