

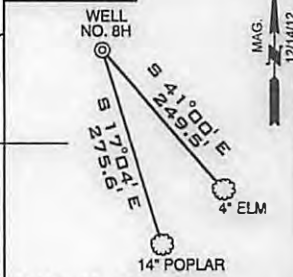
NOTE: BORE PATH BASED ON GRID NORTH.

SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,472.1
 E) 516,427.0
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,437,216
 E) 1,694,311

TARGET POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,898.8
 E) 516,447.1
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,438,616
 E) 1,694,377

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,401,557.7
 E) 514,808.9
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,440,777
 E) 1,689,002

REFERENCES



SCALE 1"=200'

(*) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

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

Jonathan N. White
 LICENSED PROFESSIONAL SURVEYOR
 NO. 2122
 STATE OF WEST VIRGINIA

SEAL

FILE NUMBER W0120316 (WB1-56)

DRAWING NUMBER ARMSTRONG_WP_8H

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

WVDEP
 OFFICE OF OIL & GAS
 601 5TH STREET
 CHARLESTON, WV 25304

DATE: DECEMBER 27, 2012

OPERATORS WELL NO. ARMSTRONG NO. 8H

API WELL NO. 47-051-01619 H6A

STATE WV COUNTY MARSHALL PERMIT PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION ELEVATION 1278' WATERSHED TRIBUTARY OF COON RUN

DISTRICT RANKLIN COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0088-000, WV16-0124-001, WV16-0010-001, WV16-0022-001, WV16-0126-005

SURFACE OWNER CNX GAS COMPANY, LLC ACREAGE 159.05

OIL & GAS ROYALTY OWNER CNX GAS COMPANY, LLC LEASE ACREAGE 454.64

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

TARGET FOR ATION MARCELLUS ESTIMATED DEPTH 6458 + Horizontal Lea

WELL OPERATOR GASTAR EXPLORATION USA, INC. DESIGNATED AGENT MICHAEL McCOWN

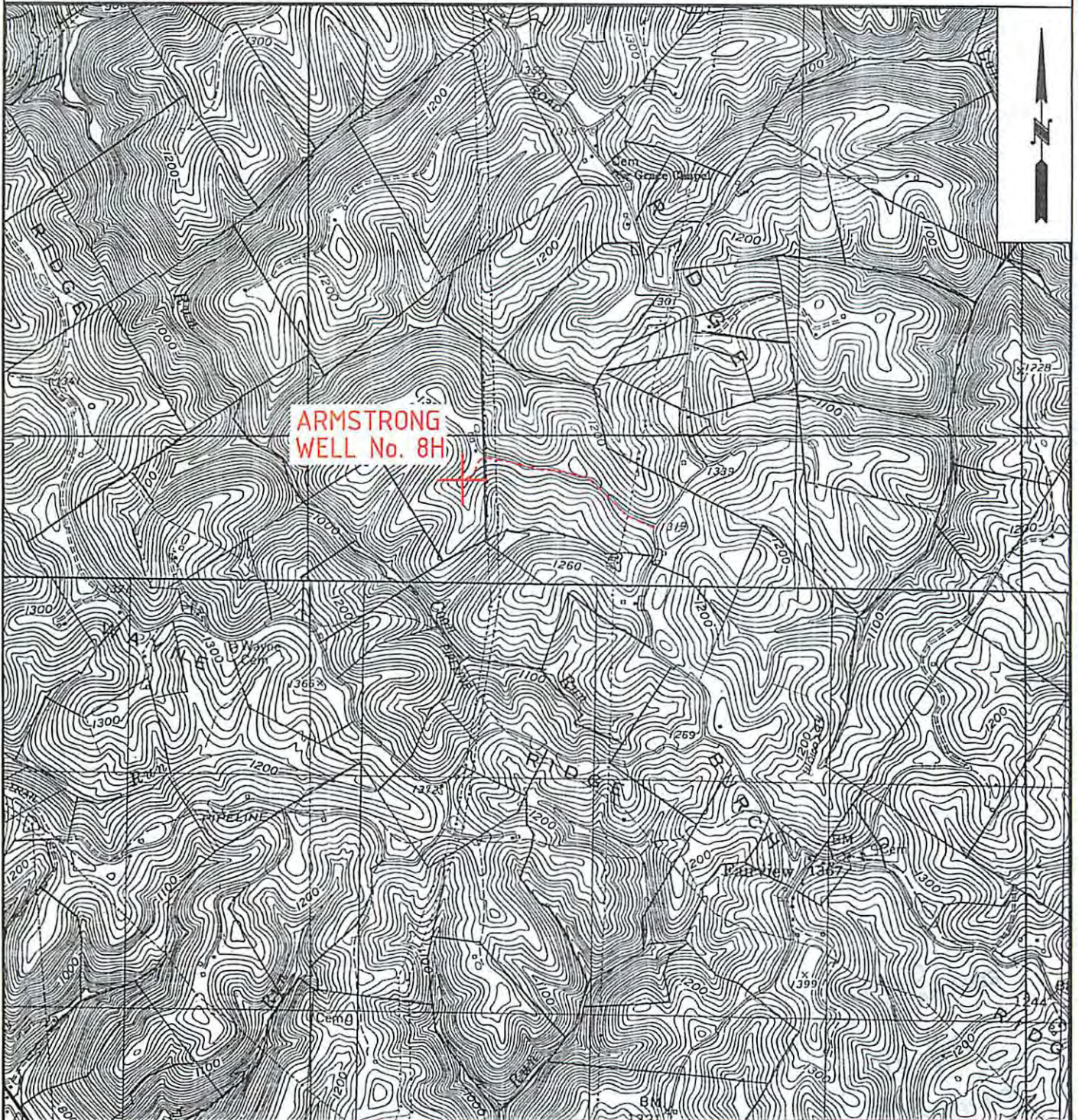
ADDRESS 229 W MAIN STREET, SUITE 301 CLARKSBURG WV, 26301 ADDRESS 229 W MAIN STREET, SUITE 301 CLARKSBURG WV, 26301

04/19/2013

WW-9

PROPOSED ARMSTRONG WELL No. 8H

SUPPLEMENT PG 2



ARMSTRONG
WELL No. 8H

Cell
1-25-13

PMH
1-25-13

W0120316

OPERATOR
GASTAR EXPLORATION
USA, Inc.
229 W Main Street, Suite 301
Clarksburg, WV 26301

TOPO SECTION
POWHATAN POINT 7.5'
SCALE:
1" = 2000'

LEASE NAME
ARMSTRONG
DATE:
DATE: 12/27/12