

| SURFACE HOLE | TARGET POINT 1 | BOTTOM HOLE |
|--|--|--|
| UTM. NAD83, ZONE 17 IN METERS N) 4,399,588.3 E) 519,682.6 | UTM. NAD83, ZONE 17 IN METERS N) 4,399,919.5 E) 519,797.3 | UTM. NAD83, ZONE 17 IN METERS N) 4,399,417.9 E) 521,245.8 |
| UTM. NAD83, ZONE 17 IN FEET N) 14,434,316 E) 1,704,992 | UTM. NAD83, ZONE 17 IN FEET N) 14,435,403 E) 1,705,368 | UTM. NAD83, ZONE 17 IN FEET N) 14,433,757 E) 1,710,121 |

FILE NUMBER W0110295 (WB5-54)

DRAWING NUMBER SIMMS_U-5H_WP

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. 2122 *Jonathan N. White*

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

DATE: NOVEMBER 18, 2013

OPERATORS WELL NO. SIMMS NO. U-5H

API WELL NO. 47-051-01731 H6A

STATE COUNTY PERMIT

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

LOCATION ELEVATION 1220' WATERSHED (HUC 10) FISH CREEK - (UNDEFINED)

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE NEW MARTINSVILLE 7.5' LEASE NUMBER WV16-0067-000
WV16-0049-003, WV16-049-004, WV16-0065-000
WV16-038-000, WV16-0049-001, WV16-0049-002

SURFACE OWNER TERRY E. & DEBORAH SIMMS ACREAGE 123.09

OIL & GAS ROYALTY OWNER TERRY E. & DEBORAH L. SIMMS, ET AL LEASE ACREAGE 319.91

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

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH 11245' + 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

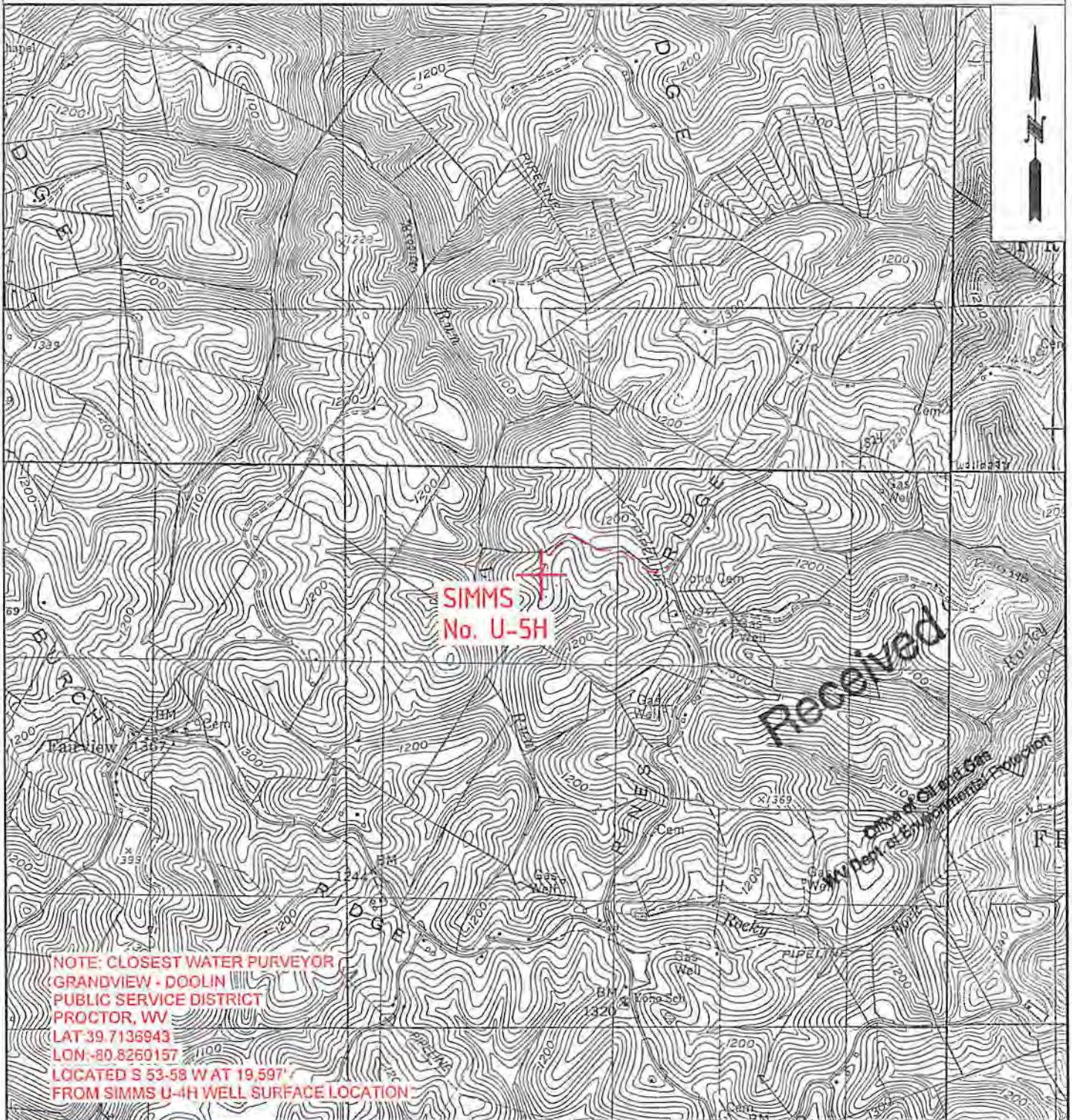
02/28/2014

WW-9

PROPOSED SIMMS WELL No. U-5H

051 01731

SUPPLEMENT PG 2



12-11-13

*DWH
12-11-13*

W0110295

| OPERATOR | TOPO SECTION | LEASE NAME |
|---|-----------------------|-------------------------|
| GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301 | NEW MARTINSVILLE 7.5' | SIMMS |
| | SCALE: 1"=2000' | DATE: DATE: 11/12/13 |