

**NOTES**  
 OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN NOVEMBER, 2013.  
 COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.  
 No water wells within 250' of well were found, no dwellings within 625' of pad center were found.

**LEGEND**  
 - - - - - LEASED TRACTS  
 - - - - - INTERIOR MINERAL TRACTS  
 - - - - - SURFACE TRACTS  
 - - - - - HARD LEASE LINE

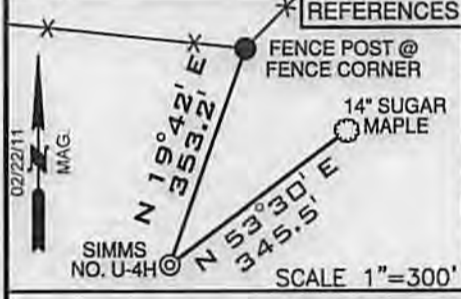
**LATITUDE 39° 45' 00"**  
**SIMMS UNIT**  
**WELL NO. U-4H**  
**319.91 ± ACRES**

17-10.1 J. CORLEY, et ux 4.51 Acres  
 17-12 J. CORLEY, et ux 5 Acres  
 17-10 J. CORLEY, et al 96.85 Acres  
 17-11 K. CORLEY, et ux 120 Acres  
 17-11.1 K. CORLEY, et ux 120 Acres  
 17-11.1 R. FRANCIS, et ux 67 Acres  
 17-11.1 R. FRANCIS, et ux 67 Acres  
 24-1 L. HENDRICKSON, ET UX 175 Acres  
 24-1 L. HENDRICKSON, ET UX 175 Acres  
 24-5 R. FRANCIS 145.78 Acres  
 23-5 D. RHYAND 118.5 Acres  
 23-8.1 W. ROUPE 34 Acres  
 23-8 C. GUSEMAN 29.5 Acres  
 24-5.4 T. TUTTLE 38.22 Acres  
 24-5.5 H. WEIGAND 17.2 Acres  
 23-7.1 H. WEIGAND 6.35 Acres  
 23-7.1 H. WEIGAND 6.35 Acres  
 24-5.1 24-5.2

GASTAR LEASE WV16-0038-000  
 GASTAR LEASE WV16-0067-000  
 GASTAR LEASE WV16-0038-000  
 GASTAR LEASE WV16-0065-000  
 GASTAR LEASE WV16-0049-001  
 WV16-0049-002  
 WV16-0049-003  
 WV16-0049-004

TP1  
 SIMMS# U-4H  
 6" CONC. MON. (FND.)  
 1/2" IRON PIPE (FND.)  
 TM 23-7 TERRY SIMMS, ET UX 123.09 ACRES  
 450A  
 400'  
 400'  
 436'

GRID NORTH  
 J. CHANNING, et al 49 Acres  
 SURFACE HOLE  
 BOTTOM HOLE  
 WEST 2,055'  
 SOUTH 2,645'  
 HORIZONTAL PATH 450A  
 01731  
 373A-P  
 373A  
 373A-O  
 TRAIL  
 JEEP  
 B.H.



NOTE: BORE PATH BASED ON GRID NORTH.

SURFACE HOLE	TARGET POINT 1	BOTTOM HOLE
UTM. NAD83, ZONE 17 IN METERS N) 4,399,580.7 E) 519,682.5 UTM. NAD83, ZONE 17 IN FEET N) 14,434,291 E) 1,704,992	UTM. NAD83, ZONE 17 IN METERS N) 4,399,622.1 E) 519,696.9 UTM. NAD83, ZONE 17 IN FEET N) 14,434,427 E) 1,705,039	UTM. NAD83, ZONE 17 IN METERS N) 4,399,236.2 E) 520,811.3 UTM. NAD83, ZONE 17 IN FEET N) 14,433,161 E) 1,708,695

FILE NUMBER W0110295 (WB5-54)  
 DRAWING NUMBER SIMMS\_U-4H\_WP REV1  
 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*  
 Jonathan N. White  
 LICENSED PROFESSIONAL SURVEYOR  
 STATE OF WEST VIRGINIA  
 SEAL

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

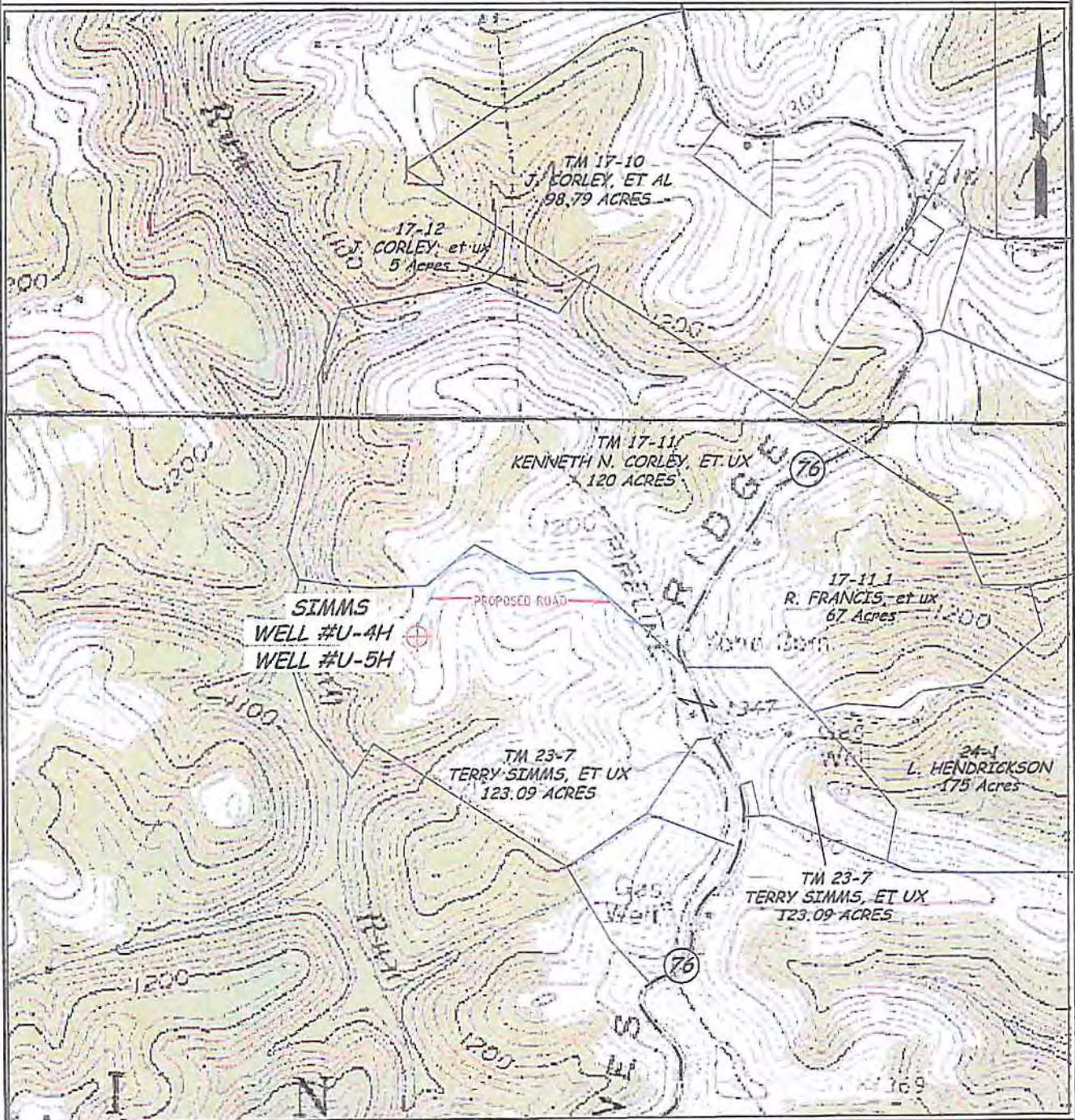
DATE: NOVEMBER 18, 2013  
 DATE REV: MARCH 18, 2014  
 OPERATORS WELL NO. SIMMS NO. U-4H  
 API WELL NO. 47-051-01742  
 STATE COUNTY PERMIT

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) \_\_\_  
 PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 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

05/06/2014

## EXHIBIT "B"

### PROPOSED SIMMS U-4H AND U-5H



<b>W110295</b>	<b>OPERATOR</b>	<b>TOPO SECTION</b>	<b>WELL NAME</b>
	GASTAR EXPLORATION USA, Inc. 1331 Lamar, Suite 1080 Houston, TX 77010	NEW MARTINSVILLE 7.5'	SIMMS NO. U-4H SIMMS NO. U-5H
		<b>SCALE:</b>	<b>DATE:</b>
		1"=1000'	10/23/13

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, IAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 30th day of October 2013, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 6th day of Nov. 2013 at 2:09 o'clock P.M.

**RECEIVED**  
Office of Oil and Gas

FEB 27 2014

WV Department of  
Environmental Protection

TESTE: Ian Pest 05/06/2014