

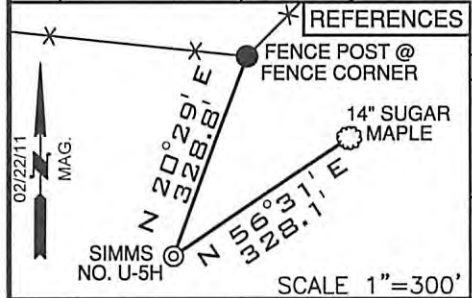
NOTES
 OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN NOVEMBER, 2013.
 COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 No water wells within 250' of well were found, no dwellings within 625' of pad center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

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

LATITUDE 39° 45' 00"
GASTAR SIMMS UNIT
WELL NO. U-5H
319.91± ACRES

GRID NORTH

LONGITUDE 80° 45' 00"



SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS
 N) 4,399,588.3 E) 519,682.6

LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS
 N) 4,399,850.0 E) 520,007.6

BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS
 N) 4,399,417.2 E) 521,245.7

NOTE: BORE PATH BASED ON GRID NORTH.

FILE NUMBER W0110295 (WB5-54)
 DRAWING NUMBER SIMMS_U-5H_WP_AD
 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: JANUARY 09, 2015

OPERATORS WELL NO. SIMMS NO. U-5H AS-DRILLED

API WELL NO. 47-051-01731
 STATE WV COUNTY MARSHALL PERMIT

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 TVD: 11,487' TMD: 16,804'

WELL OPERATOR GASTAR EXPLORATION 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

08/12/2015

COUNTY NAME

PERMIT