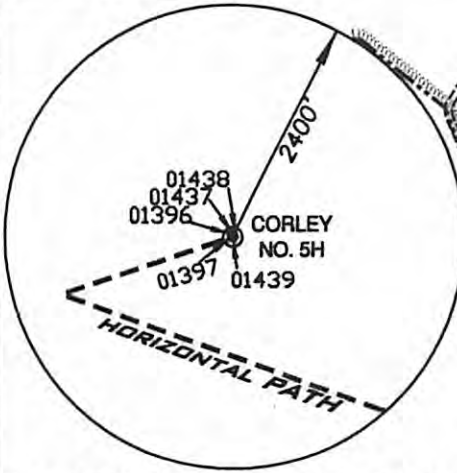


SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,347.4
 E) 520,290.5
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,436,807
 E) 1,706,986

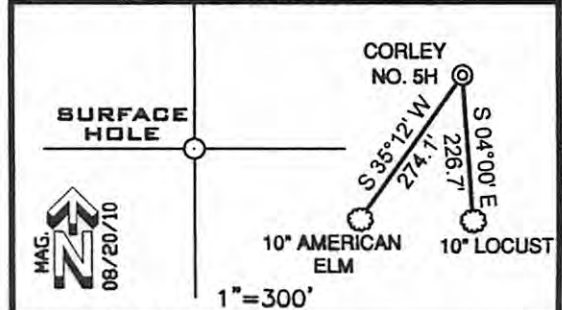
TARGET POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,160.8
 E) 519,748.3
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,436,194
 E) 1,705,207

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,399,591.8
 E) 521,410.7
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,434,327
 E) 1,710,662

GASTAR LEASE	
TRACT "A"	WV16-0018-001 WV16-0018-002
"B"	WV16-0038-000
"C"	WV16-0015-000
"D"	WV16-0065-000



REFERENCE NOTES
 LEASE AS SHOWN TAKEN FROM DEED BOOK 521/658.
 OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN SEPTEMBER, 2010.
 UTMS BY DIFFERENTIAL SUBMETER MAPPING GRADE GPS.
 DRAFTED BY: J.N.W.



FILE NUMBER W0100271 (WB16-58)
 DRAWING NUMBER W100271_WP_5H_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. Jonathan N. White
 2122



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

DATE: JANUARY 31, 2011
 DATE REVISED: APRIL 15, 2011
 OPERATORS WELL NO. CORLEY NO. 5H
 API WELL NO. 47-051-01439H
 STATE COUNTY PERMIT CANCELLED

DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0018-001, WV16-0018-002, WV16-0038-000, WV16-0015-000, WV16-0065-000

SURFACE OWNER JAMES A. & JILL C. CORLEY, et al ACREAGE 98.79
 OIL & GAS ROYALTY OWNER JAMES A. & JILL C. CORLEY, et al LEASE ACREAGE 521.09

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6720 + Horizontal Leg

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

08/29/2014