

(TH) 3,750'  
 (BH) 3,750'

TOP HOLE LATITUDE: 39°47'30"  
 BOTTOM HOLE LATITUDE: 39°47'30"

**LEGEND**

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

**SURFACE HOLE**  
 UTM. NAD83, ZONE 17  
 IN METERS  
 N) 4,400,347.44  
 E) 520,290.47

**BOTTOM HOLE**  
 UTM. NAD83, ZONE 17  
 IN METERS  
 N) 4,400,347.44  
 E) 520,290.47

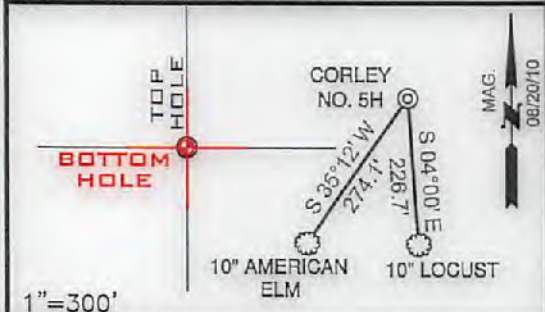
**GASTAR LEASE**

TRACT "A"	WV16-0018-001
	WV16-0018-002
"B"	WV16-0038-000
"c"	WV16-0015-000
"d"	WV16-0065-000

**NOTES**

OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN APRIL, 2017.

COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.



FILE NUMBER W0100271 (WB16-58)

DRAWING NUMBER W100271\_WP\_5H\_REV1-AD

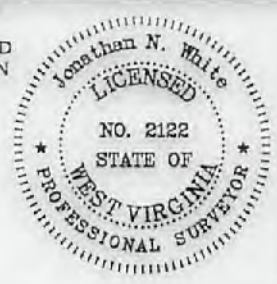
SCALE 1" = 1000'

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: December 18, 2017  
 DATE REVISED: APRIL 15, 2011  
 OPERATORS WELL NO. CORLEY NO. 5H

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

API WELL NO. 47-051-01439 P  
 STATE COUNTY PERMIT

LOCATION ELEVATION 1253' WATERSHED TRIBUTARY OF LONG RUN

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 PLUG & ABANDON  CLEAN OUT & REPLUG   
 ESTIMATED DEPTH TVD = 40'

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

01/19/2018

form wv6

A.R.L.S

(BH) BOTTOM HOLE LONGITUDE: 80°45'00"  
 (TH) TOP HOLE LONGITUDE: 80°45'00"

(TH) 14,175'  
 (BH) 14,175'

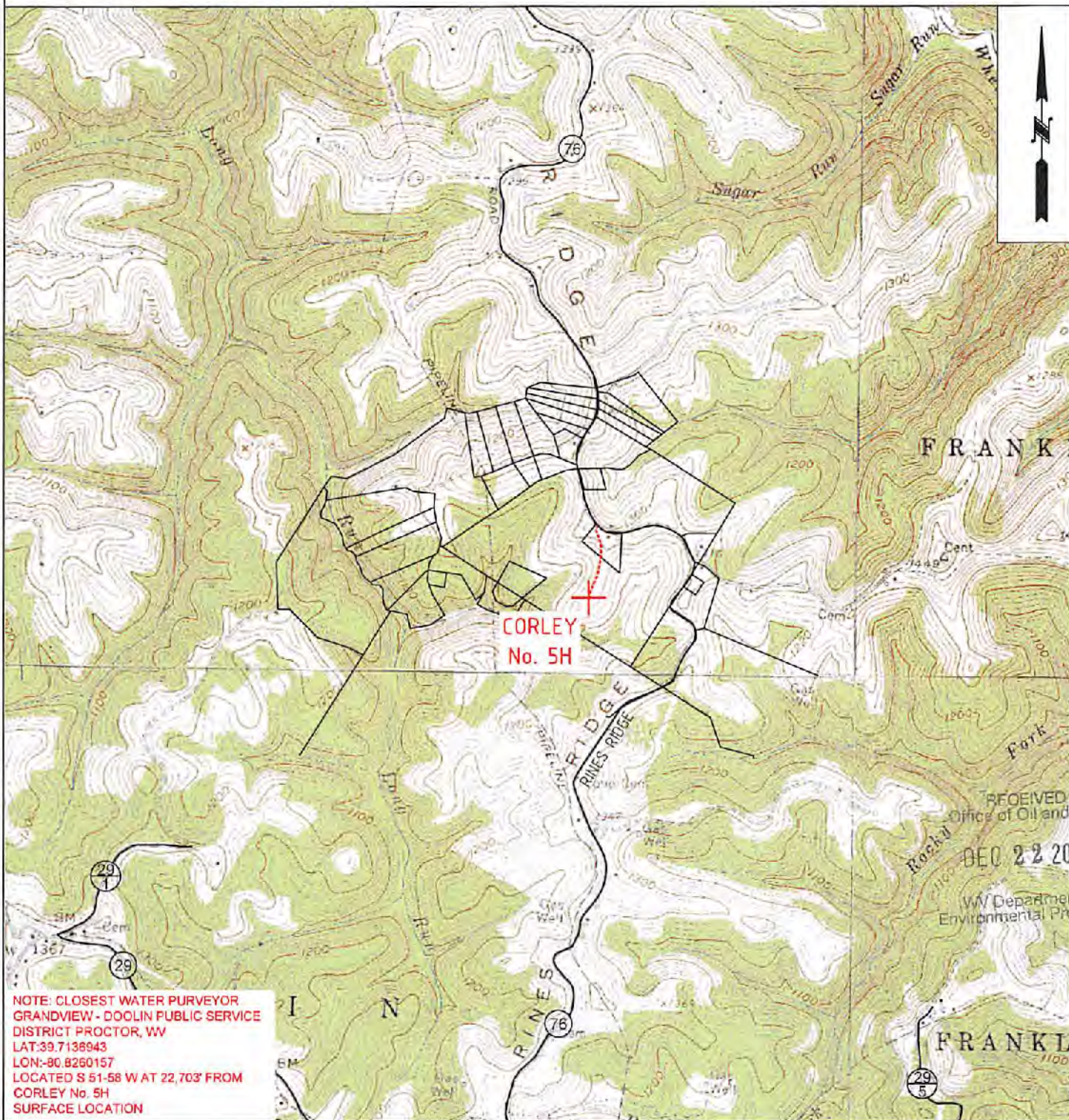
CO  
 OY  
 NAME  
 PERMIT

WW-9

# CORLEY No. 5H

## API# 47-051-01439

SUPPLEMENT PG 2



NOTE: CLOSEST WATER PURVEYOR  
 GRANDVIEW - DOOLIN PUBLIC SERVICE  
 DISTRICT PROCTOR, WV  
 LAT: 39.7136943  
 LON: -80.8260157  
 LOCATED S 51-58 W AT 22,703' FROM  
 CORLEY No. 5H  
 SURFACE LOCATION

 <b>TUG HILL</b> OPERATING	OPERATOR	494510851	TOPO SECTION	LEASE NAME
	TUG HILL OPERATING, LLC 380 SOUTHPOINTE BLVD SUITE 200 CANONSBURG, PA 15317		POWHATAN POINT 7.5'	CORLEY
	SCALE:		1" = 2000'	DATE:
				DATE: 12/18/17

01/19/2018