

form. wv6

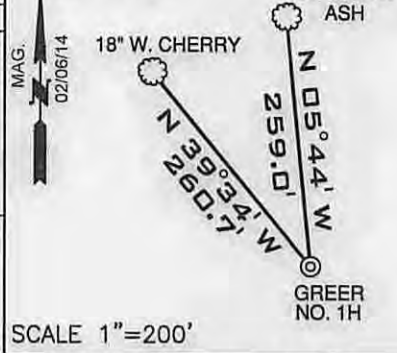
**GREER LEASE
WELL NO. 1H
574.642± ACRES**

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,797.0
E) 514,014.8
UTM. NAD83, ZONE 17
IN FEET
N) 14,438,282
E) 1,686,397

LATITUDE 39° 47' 30"

NOTES
OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2014.
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.

REFERENCES



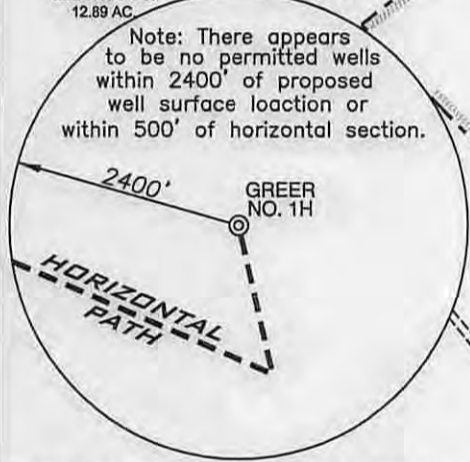
NOTE: BORE PATH BASED ON GRID NORTH.

LEGEND

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

LONGITUDE 80° 05' 08"

12,665'



Note: There appears to be no permitted wells within 2400' of proposed well surface location or within 500' of horizontal section.

TARGET POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,336.0
E) 514,130.9
UTM. NAD83, ZONE 17
IN FEET
N) 14,436,769
E) 1,686,778

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,401,085.3
E) 512,267.8
UTM. NAD83, ZONE 17
IN FEET
N) 14,439,228
E) 1,680,665

FILE NUMBER W0120319 (WB1-76)
DRAWING NUMBER GREER_WP_1H
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: MARCH 14, 2014

OPERATORS WELL NO. GREER NO. 1H

API WELL NO. 47-051-0175746A
STATE COUNTY PERMIT

LOCATION ELEVATION 1251' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER (UNDEFINED)

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0076-001, WV16-0150-000

SURFACE OWNER PPG INDUSTRIES, INC. ACREAGE 42.18

OIL & GAS ROYALTY OWNER PPG INDUSTRIES, INC., ET AL LEASE ACREAGE 574.642

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 MARCELLUS ESTIMATED DEPTH 6376' + Horizontal Leg

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

03/13/2015

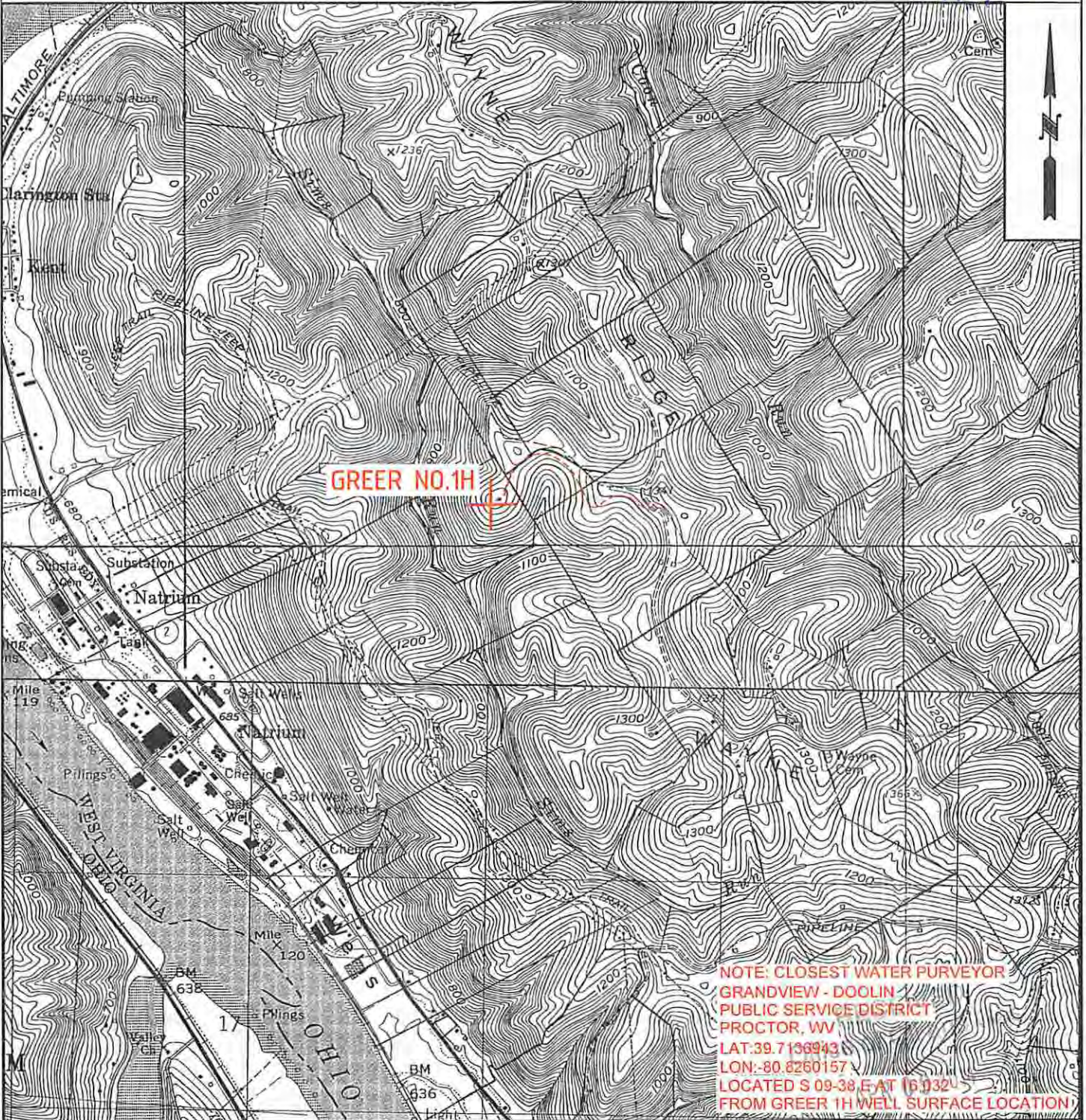
COUNTY NAME PERMIT

WW-9

PROPOSED GREER
WELL No. 1H

SUPPLEMENT PG 2

Shu
4/13/14



	OPERATOR	TOPO SECTION	LEASE NAME
	GASTAR EXPLORATION INC. 229 W Main Street, Suite 301 Clarksburg, WV 26301	POWHATAN POINT 7.5'	GREER
W0120319		SCALE: 1"=2000'	DATE: DATE: 03/14/14