

AS DRILLED
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83
N:4387558.13
E:528198.12
LAT/LON DATUM-WGS84
LAT:39.637339
LON:-80.671389

BHL is located on topo map 10,658 feet south of Latitude: 39° 40' 00"
SHL is located on topo map 948 feet south of Latitude: 39° 37' 30"

AS DRILLED PLAT

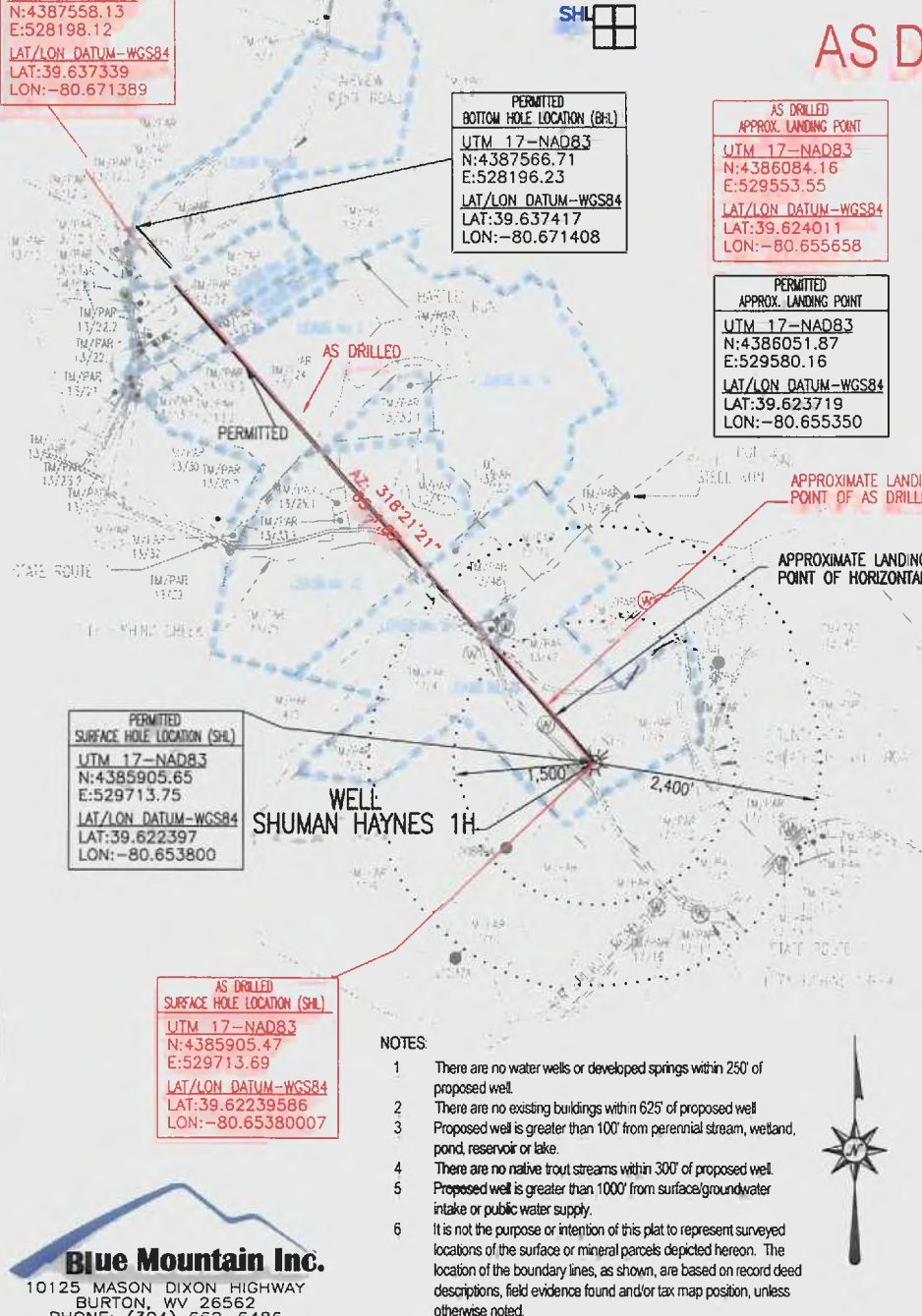
PERMITTED
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83
N:4387566.71
E:528196.23
LAT/LON DATUM-WGS84
LAT:39.637417
LON:-80.671408

AS DRILLED
APPROX. LANDING POINT
UTM 17-NAD83
N:4386084.16
E:529553.55
LAT/LON DATUM-WGS84
LAT:39.624011
LON:-80.655658

PERMITTED
APPROX. LANDING POINT
UTM 17-NAD83
N:4386051.87
E:529580.16
LAT/LON DATUM-WGS84
LAT:39.623719
LON:-80.655350

NO.	NAME
24	JUNE POSTLETHWAIT
25	LEONARD FORGYCE
33	EARL & MARY HUGGINS
33.2	SHUMAN E. HAYNES
47	JOHN A. HAYNES
4	SHUMAN E. HAYNES
5	SHUMAN E. HAYNES

REFERENCE
DETAIL



PERMITTED
SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
N:4385905.65
E:529713.75
LAT/LON DATUM-WGS84
LAT:39.622397
LON:-80.653800

AS DRILLED
SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
N:4385905.47
E:529713.69
LAT/LON DATUM-WGS84
LAT:39.62239586
LON:-80.65380007

NOTES

- 1 There are no water wells or developed springs within 250' of proposed well.
- 2 There are no existing buildings within 625' of proposed well. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- 3 There are no native trout streams within 300' of proposed well. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- 4 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LEGEND

- + TOPO MAP POINT
- ☼ PROPOSED GAS WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- (W) WATER SOURCE
- LEASE BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE

WELLS WITHIN 2400'

- EXISTING WELLS
- ⊕ PLUGGED WELLS

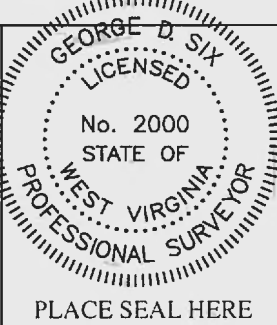
LEASE NO.	AC.	GAS ROYALTY OWNER
23	144.41	SHUMAN HAYNES
30	2.0938	JOHN A. HAYNES
22	99.25	CAROLYN SUE & JOHN C. HEIMLICH, et al
3	45.625	ROCK CAMP, et al
36, 37	46.5	JANICE L. WHIPKEY
39	77.37	DRILLING APPALACHIAN CORPORATION, LLC

Blue Mountain Inc.
10125 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

FILE #: SHUMAN HAYNES 1H-AS DRILLED
DRAWING #: SHUMAN HAYNES 1H-AS DRILLED
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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.

Signed: *George D. Six*
R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP

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

DATE: MARCH 28, 2017
OPERATOR'S WELL #: SHUMAN HAYNES 1H-AS DRILLED
API WELL #: 47 103 02936
STATE COUNTY PERMIT
Hida

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

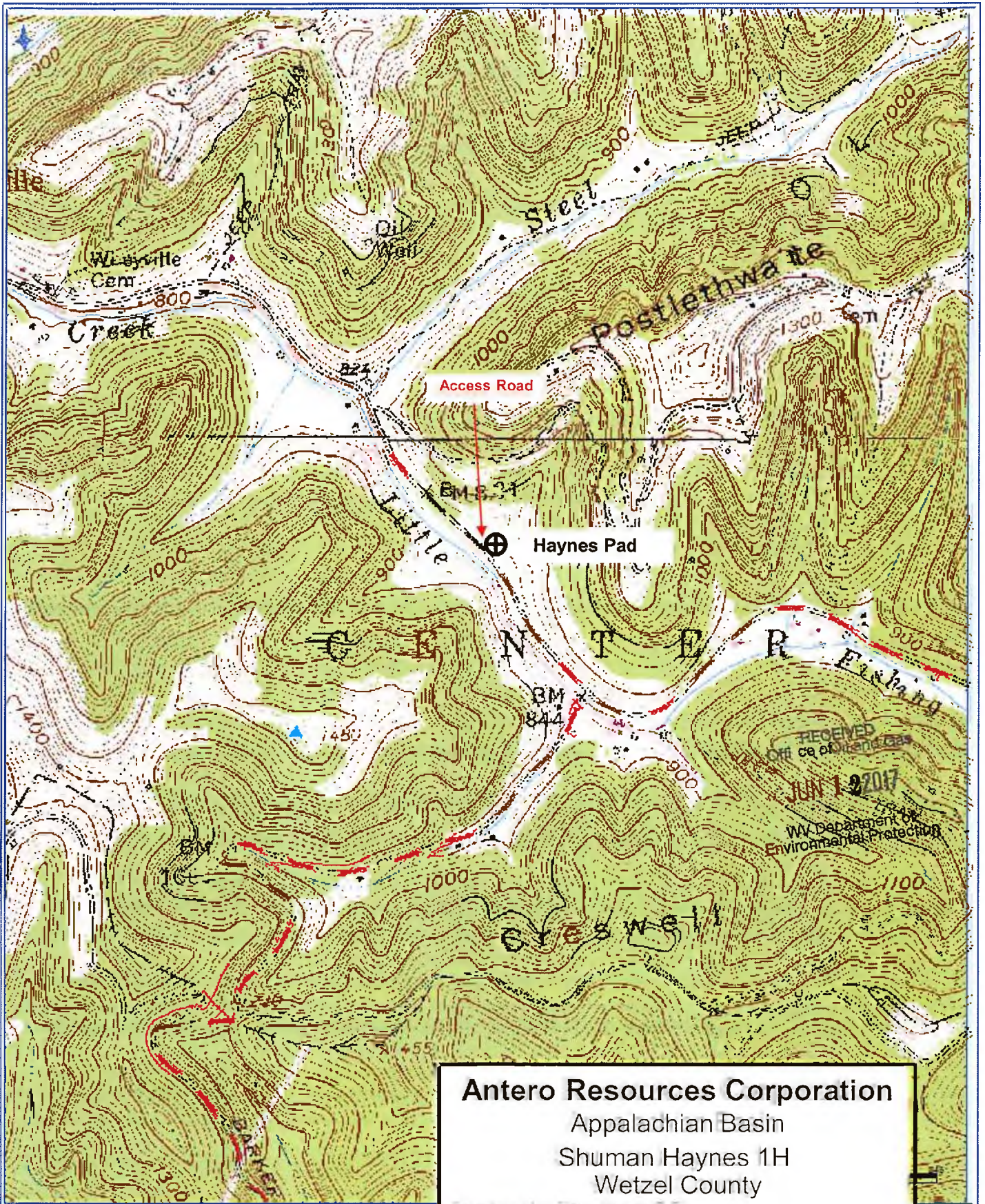
WATERSHED: FISHING CREEK ELEVATION: 840.85' - AS-BUILT ELEVATION
COUNTY/DISTRICT: WETZEL/CENTER QUADRANGLE: PINE GROVE, WV 7.5'
SURFACE OWNER: SHUMAN HAYNES ACREAGE: 27.50±
OIL & GAS ROYALTY OWNER: SEE ABOVE CHART ACREAGE: 415.2488±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): FRAC

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,974'± TMD: 14,500'±
WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM
Address 1615 WYNKOOP STREET Address 5400 D BIG TYLER ROAD
City DENVER State CO Zip Code 80202 City CHARLESTON State WV Zip Code 25313

09/22/2017

BHL is located on topo map 1,336 feet west of Longitude: 80° 40' 00"
SHL is located on topo map 8,112 feet west of Longitude: 80° 37' 30"



Antero Resources Corporation
Appalachian Basin
Shuman Haynes 1H
Wetzel County

Quadrangle: Pine Grove 7.5'
Watershed: Fishing Creek
District: Center
Date: 6-05-2017