

Well is located on topo map 12,233 feet south of Latitude: 40° 00' 00"

Sheffler & Company, Inc.
ENGINEERING • SURVEYING

1712 Mount Nebo Road Phone: 412-219-4509
Sewickley, PA 15143 Email: Info@shefflerCo.com

Well is located on topo map 11,287 feet west of Longitude: 80° 37' 30"

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- PRIVATE WATER WELL
- SPRING LOCATION
- LEASED NUMBER BASED ON ATTACHED WMA1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- UNIT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/POND/WATERWAY
- ROAD
- FORCE PULLED PARCELS

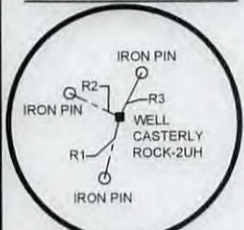
WELLS WITHIN 3000'
NO WELLS WITHIN 3000 FEET

09/21/2018

- NOTES**
- There are no water wells or developed springs within 250' of proposed well
 - There are no existing buildings within 625' of proposed well
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
 - 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
 - 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
 - Mineral and Surface parcel lines are the same

TOTAL UNIT
219.29 ACRES

REFERENCE DETAIL



LINE	BEARING	DISTANCE
R1	N14°15'54"E	407.06'
R2	S84°34'35"E	362.45'
R3	S26°41'35"W	321.87'
R4	S19°25'31"W	1248.90'
R5	S86°23'01"W	1047.89'

SURFACE HOLE LOCATION (SHL)
UTM 17 - NAD83
N: 4424083.647(m)
E: 528586.605(m)
NAD27, WV NORTH
N: 536202.032(ft)
E: 1673333.321(ft)
LAT: N39.9664185
LON: W80.6652685

APPROXIMATE LANDING POINT
UTM 17 - NAD83
N: 4424326.266(m)
E: 528559.808(m)
NAD27, WV NORTH
N: 536999.666(ft)
E: 1673258.691(ft)
LAT: N39.9686053
LON: W80.6655716

BOTTOM HOLE LOCATION (BHL)
UTM 17 - NAD83
N: 4426725.580(m)
E: 526879.790(m)
NAD27, WV NORTH
N: 544965.377(ft)
E: 1667877.387(ft)
LAT: N39.9902775
LON: W80.6851447

FILE #: CASTERLY ROCK-2UH
DRAWING #: CRN-2UH_REV3.DWG
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX0787: 1319.9'

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: [Signature]
R.P.E.: 21452 L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

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

WATERSHED: SHORT CREEK - OHIO RIVER ELEVATION: 1,337.89'
COUNTY/DISTRICT: MARSHALL / UNION QUADRANGLE: MOUNDSVILLE, WV
SURFACE OWNER: LESLIE B. & LORI D. SCHABER ACREAGE: 71.75
OIL & GAS ROYALTY OWNER: CAROL A. WENSYEL A/K/A CAROL A. MILLER, ACTING AS TRUSTEE FOR THE CAROL A. WENSYEL IRREVOCABLE TRUST DATED OCTOBER 28, 2010 AND JOHN F. MILLER, SR. TRUSTEE OF THE JOHN F. MILLER, SR. IRREVOCABLE TRUST, DATED OCTOBER 28, 2010. TRUST ACREAGE: 73.74

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

TARGET FORMATION: POINT PLEASANT
WELL OPERATOR: AMERICAN PETROLEUM PARTNERS, LLC
Address: 4600 J. BARRY COURT, SUITE 310
City CANONSBURG State PA Zip Code 15317

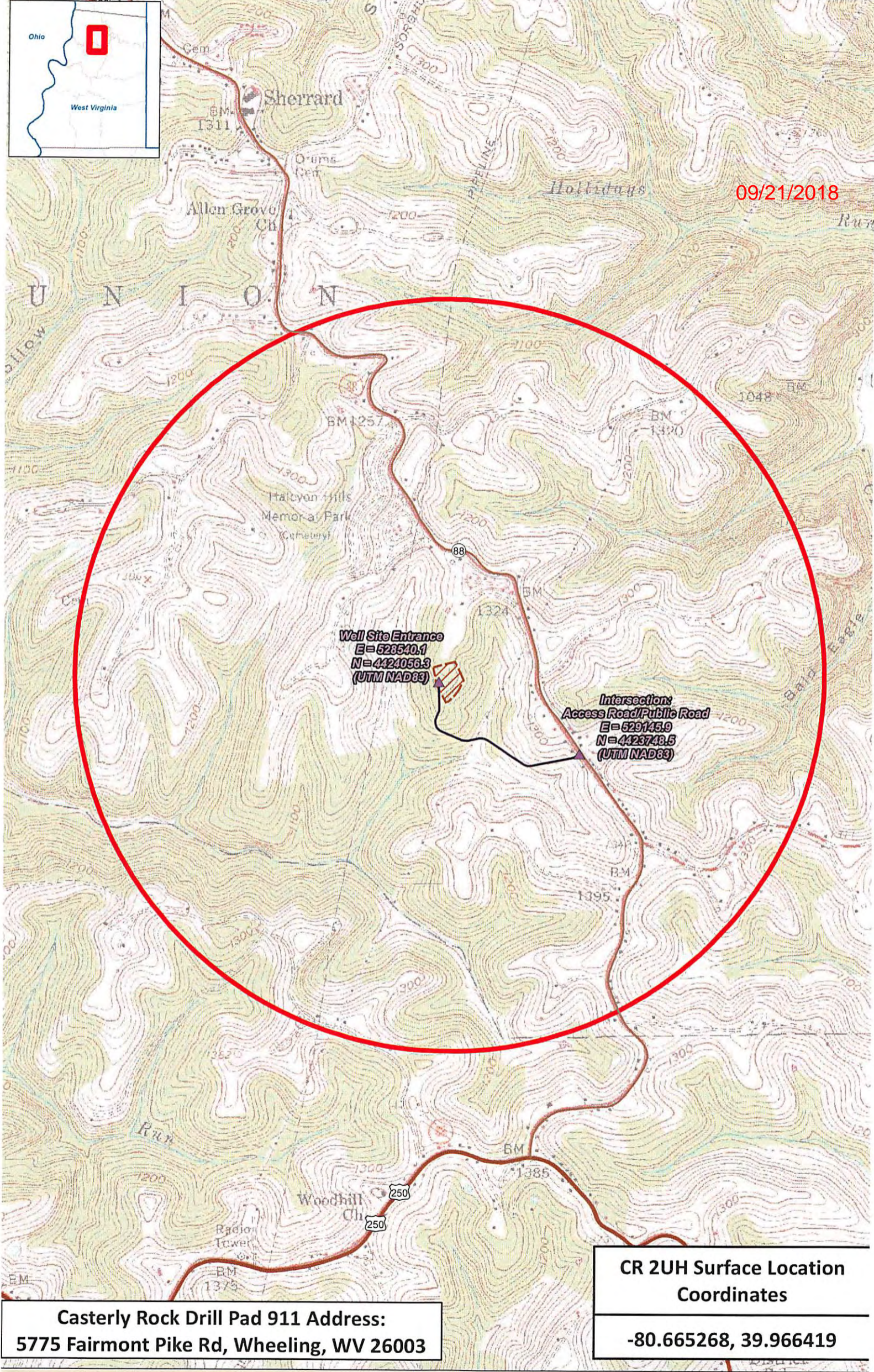
DATE: May 22, 2018 --- REV --- June 15, 2018
OPERATOR'S WELL #: CASTERLY ROCK-2UH MOD
API WELL # 47 051 02018H6A
STATE COUNTY PERMIT

ESTIMATED DEPTH: TVD: 11,395' ± TMD: 21,549.28' ±
DESIGNATED AGENT: STEVEN GREEN
Address: 300 SUMMERS ST, SUITE 1000
City CHARLESTON State WV Zip Code 25301





09/21/2018



Well Site Entrance
 E = 528540.1
 N = 4424056.3
 (UTM NAD83)

**Intersection:
 Access Road/Public Road**
 E = 529145.9
 N = 4423748.5
 (UTM NAD83)

**CR 2UH Surface Location
 Coordinates**

-80.665268, 39.966419

**Casterly Rock Drill Pad 911 Address:
 5775 Fairmont Pike Rd, Wheeling, WV 26003**

CR 2UH - Well Site

Marshall County West Virginia
 Coordinate System: Coordinate System: NAD 1983 UTM Zone 17N
 Projection: Transverse Mercator
 Datum: North American 1983
 Map Scale Units: 1:18,000
 Map Author: JKS
 Map Date: 9/21/2018

- Well SHL
- Well Pad
- 1 mile Buffer
- Access Rd Intersection
- Access Road
- US Route
- State Route

