

Well is located on topo map 12.316 feet south of Latitude: 40° 00' 00"

Sheffler & Company, Inc.
ENGINEERING • SURVEYING

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

Well is located on topo map 11.302 feet west of Longitude: 80° 37' 30"

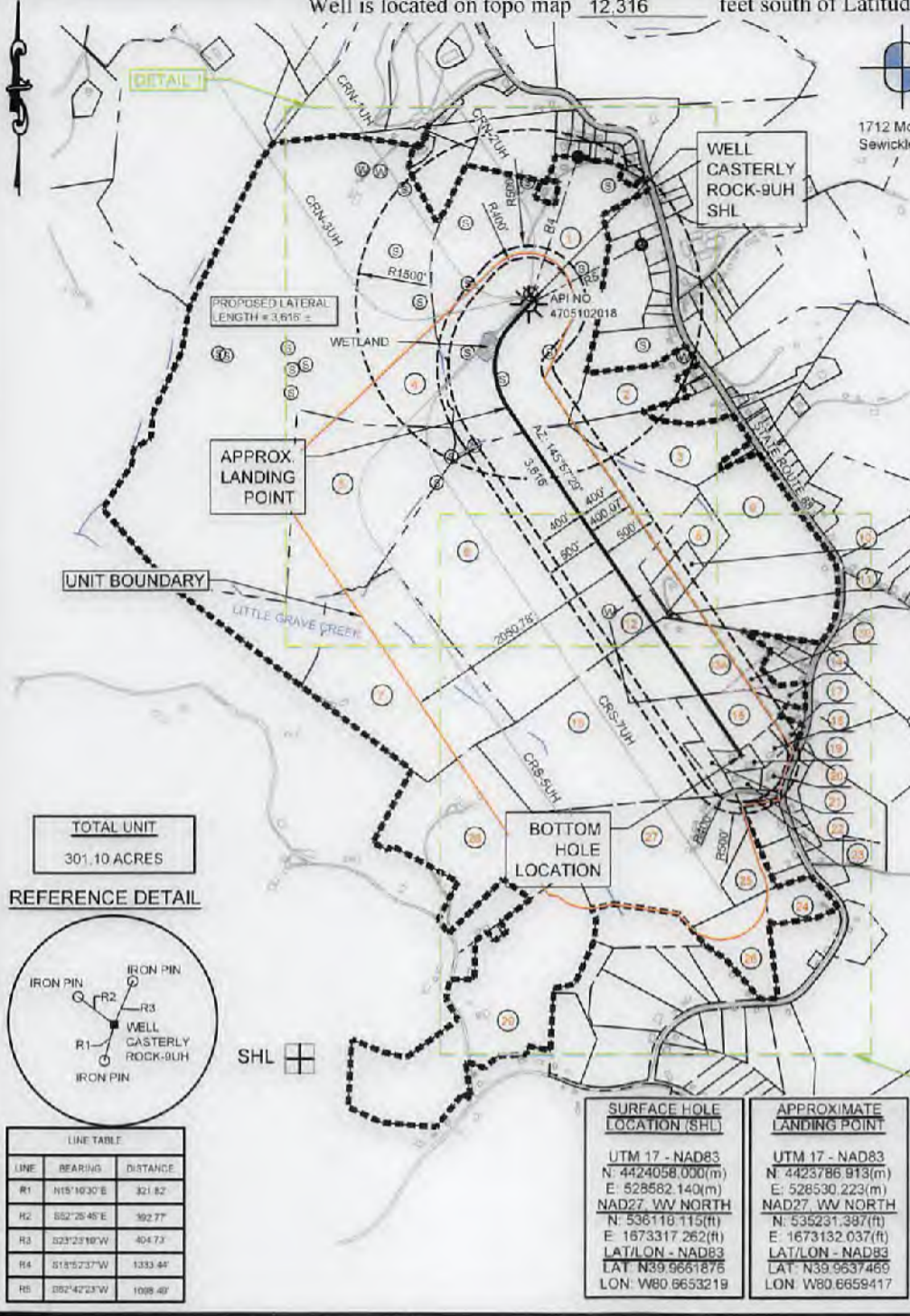
LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- PRIVATE WELL
- SPRING LOCATION
- LEASED NUMBER BASED ON ATTACHED WW6A1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- UNIT BOUNDARY
- PARCEL LINES
- MINERAL PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/POND/WATERWAY
- ROAD

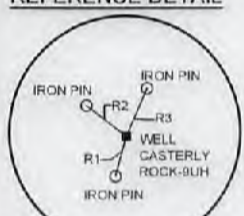
WELLS WITHIN 3000'

- RECORD WELL

- 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 except for #13 above



TOTAL UNIT
301.10 ACRES



LINE	BEARING	DISTANCE
R1	N15°16'30"E	321.82
R2	S52°25'45"E	392.77
R3	S23°23'10"W	404.73
R4	S18°52'37"W	1333.44
R5	S52°42'23"W	1098.49

SURFACE HOLE LOCATION (SHL)	APPROXIMATE LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17 - NAD83 N: 4424058.000(m) E: 528582.140(m) NAD27 - WV NORTH N: 536116.115(ft) E: 1673317.262(ft) LAT/LON - NAD83 LAT: N39.9661876 LON: W80.6653219	UTM 17 - NAD83 N: 4423786.913(m) E: 528530.223(m) NAD27 - WV NORTH N: 535231.397(ft) E: 1673132.037(ft) LAT/LON - NAD83 LAT: N39.9637469 LON: W80.6659417	UTM 17 - NAD83 N: 4422884.842(m) E: 529161.860(m) NAD27 - WV NORTH N: 532236.519(ft) E: 1675155.247(ft) LAT/LON - NAD83 LAT: N39.9555980 LON: W80.6585864

FILE #: CASTERLY ROCK-9UH
DRAWING #: CRSW-9UH-R5.DWG
SCALE: 1"=1500'
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:

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: 1,338.53'
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



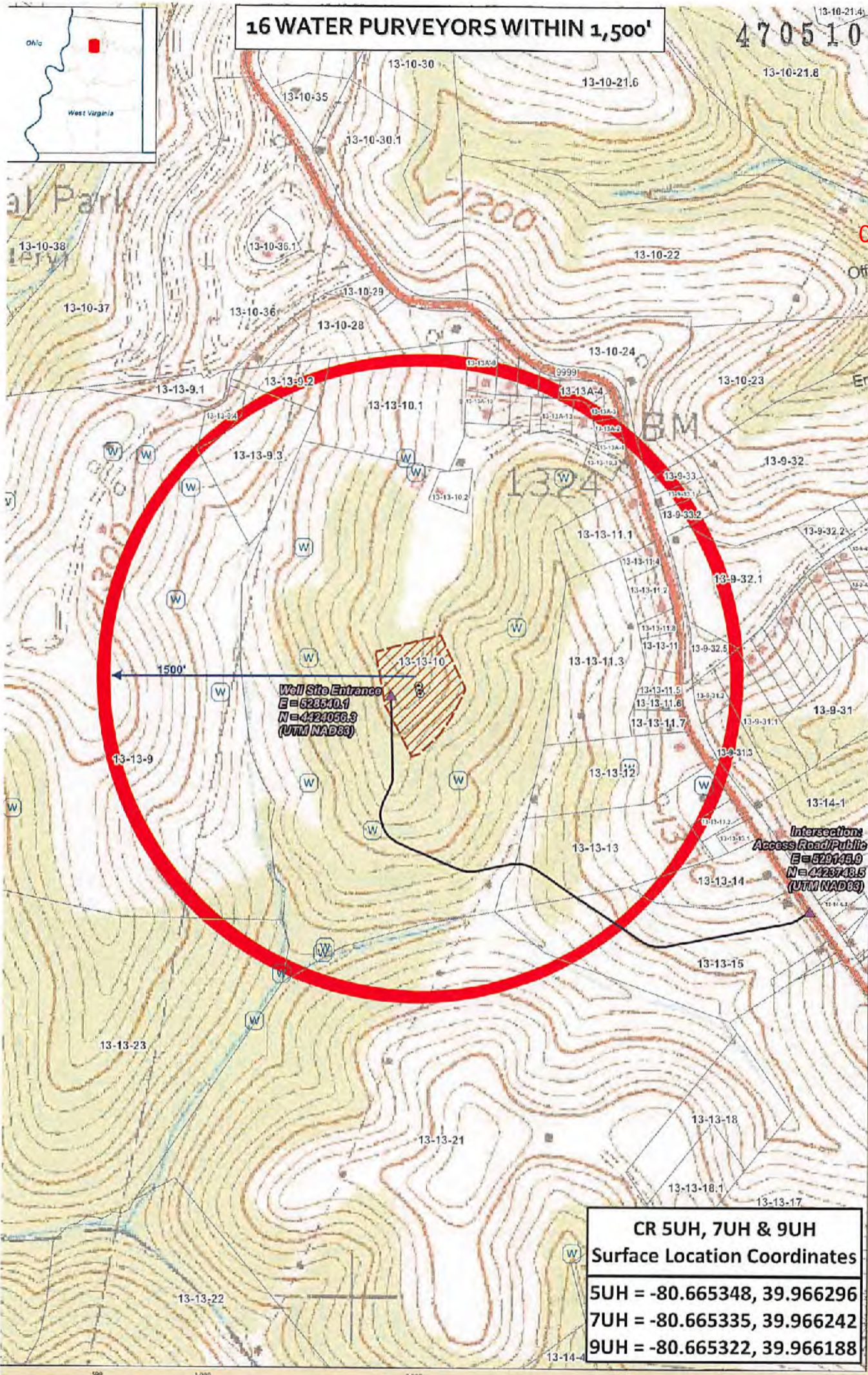
DATE: June 22, 2018 --- REV --- July 18, 2018
OPERATOR'S WELL #: CASTERLY ROCK-9UH
API WELL # 47 051 02073H6A
STATE COUNTY PERMIT

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 ESTIMATED DEPTH: TVD: 11,395' ± TMD: 15,649' ±
WELL OPERATOR: AMERICAN PETROLEUM PARTNERS, LLC DESIGNATED AGENT: STEVEN GREEN
Address: 4600 J. BARRY COURT, SUITE 310 Address: 300 SUMMERS ST, SUITE 1000
City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

16 WATER PURVEYORS WITHIN 1,500'

4705102073



09/21/2018
RECEIVED
Office of Oil and Gas

JUL 07 2018

WV Department of
Environmental Protection

Well Site Entrance
E = 628540.1
N = 4224056.3
(UTM NAD83)

Intersection
Access Road/Public
E = 529148.9
N = 422748.5
(UTM NAD83)

CR 5UH, 7UH & 9UH
Surface Location Coordinates
5UH = -80.665348, 39.966296
7UH = -80.665335, 39.966242
9UH = -80.665322, 39.966188

CR 5UH, 7UH & 9UH - Water Source

Marshall County
West Virginia
Coordinate System: UTM
Map Scale Units: 1:6,000
Map Author: JES
Map Date: 05/2018

- Well SHL
- Well Pad
- Access Rd Intersection
- Access Road
- Parcels
- Water Well
- 1,500' Buffer

