

SHL is located on topo map 2,197 feet south of Latitude: 39° 57' 30"
 BHL is located on topo map 11,697 feet south of Latitude: 39° 57' 30"

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING

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

SHL

TOTAL UNIT
 486.30 AC.
 REFERENCE DATA 05/24/2019

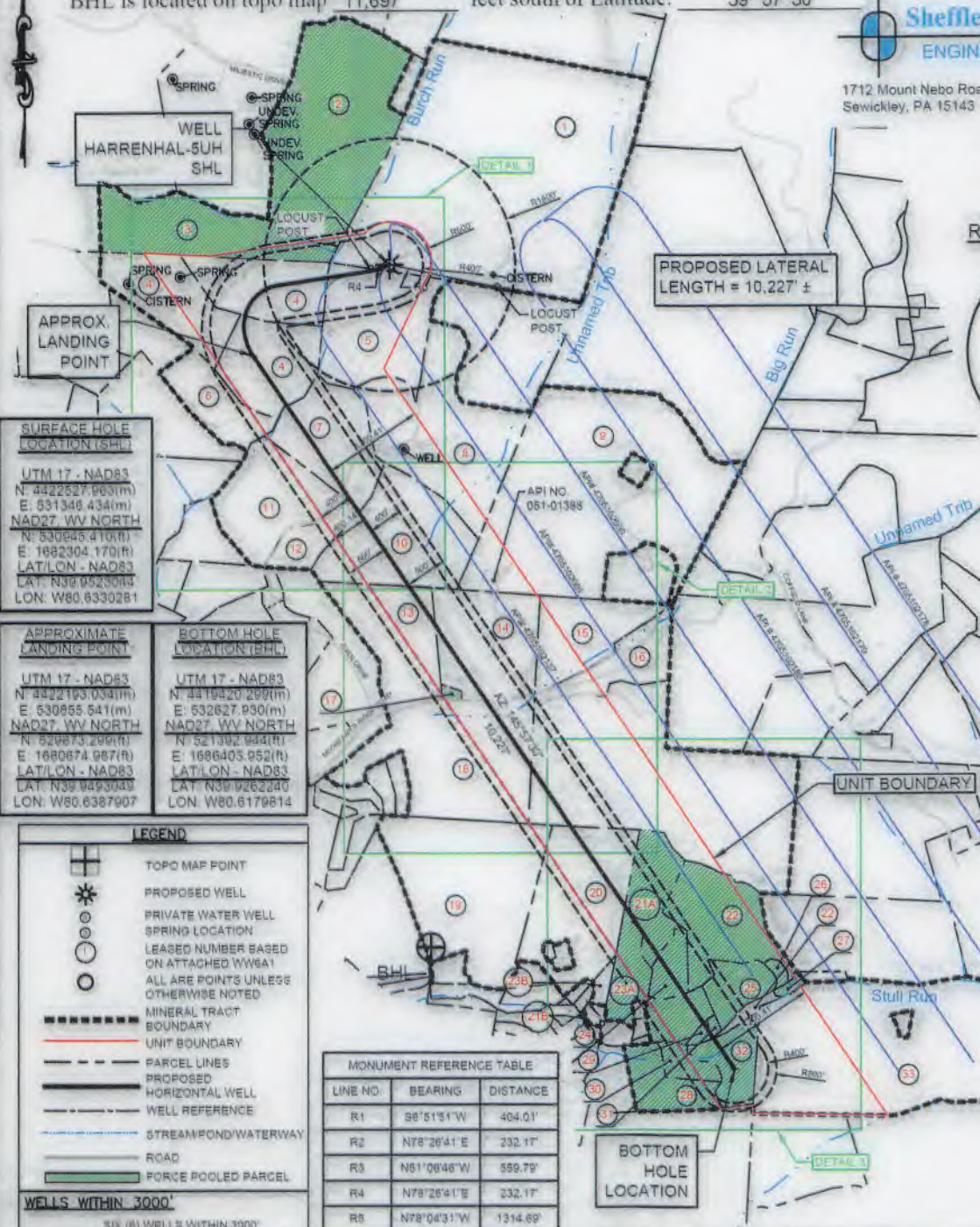


NOTES:

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.
3. Proposed well is greater than 100' from perennial stream, wetland, pond reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. 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.
7. Mineral and Surface parcel lines are the same. With the exception of lease numbers 21A-B and 23A-B.

SHL is located on topo map 2,251
 BHL is located on topo map 9,717

feet west of Longitude: 80° 37' 30"
 feet west of Longitude: 80° 35' 00"



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4422527.963(m)
 E: 531346.434(m)
 NAD27 WV NORTH
 N: 530945.410(R)
 E: 1682304.170(R)
 LAT/LON - NAD83
 LAT: N39.9523084
 LON: W80.6330281

APPROXIMATE LANDING POINT
 UTM 17 - NAD83
 N: 4422193.034(m)
 E: 530855.541(m)
 NAD27 WV NORTH
 N: 529873.296(R)
 E: 1680674.987(R)
 LAT/LON - NAD83
 LAT: N39.9493049
 LON: W80.6387907

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83
 N: 4419420.289(m)
 E: 532627.930(m)
 NAD27 WV NORTH
 N: 521392.992(R)
 E: 1686405.952(R)
 LAT/LON - NAD83
 LAT: N39.9262240
 LON: W80.6179814

LEGEND

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

WELLS WITHIN 3000'
 SIX (6) WELLS WITHIN 3000'

MONUMENT REFERENCE TABLE

LINE NO.	BEARING	DISTANCE
R1	S8°51'51"W	404.01'
R2	N78°26'41"E	232.17'
R3	N81°08'46"W	559.79'
R4	N78°26'41"E	232.17'
R5	N78°04'31"W	1214.69'

FILE #: HARRENHAL-5UH
 DRAWING #: HARRENHAL-5UH-R6.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX0742; 1343.3'

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: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MOUNDSVILLE, WV
 SURFACE OWNER(1): APP MINERALS LLC ACREAGE(1): 183.31 SURFACE OWNER(2): ERIC G. DAILEY & NORMA C. PAYNE ACREAGE(2): 39.39
 OIL & GAS ROYALTY OWNERS(1): APP MINERALS LLC ACREAGE(1): 183.31
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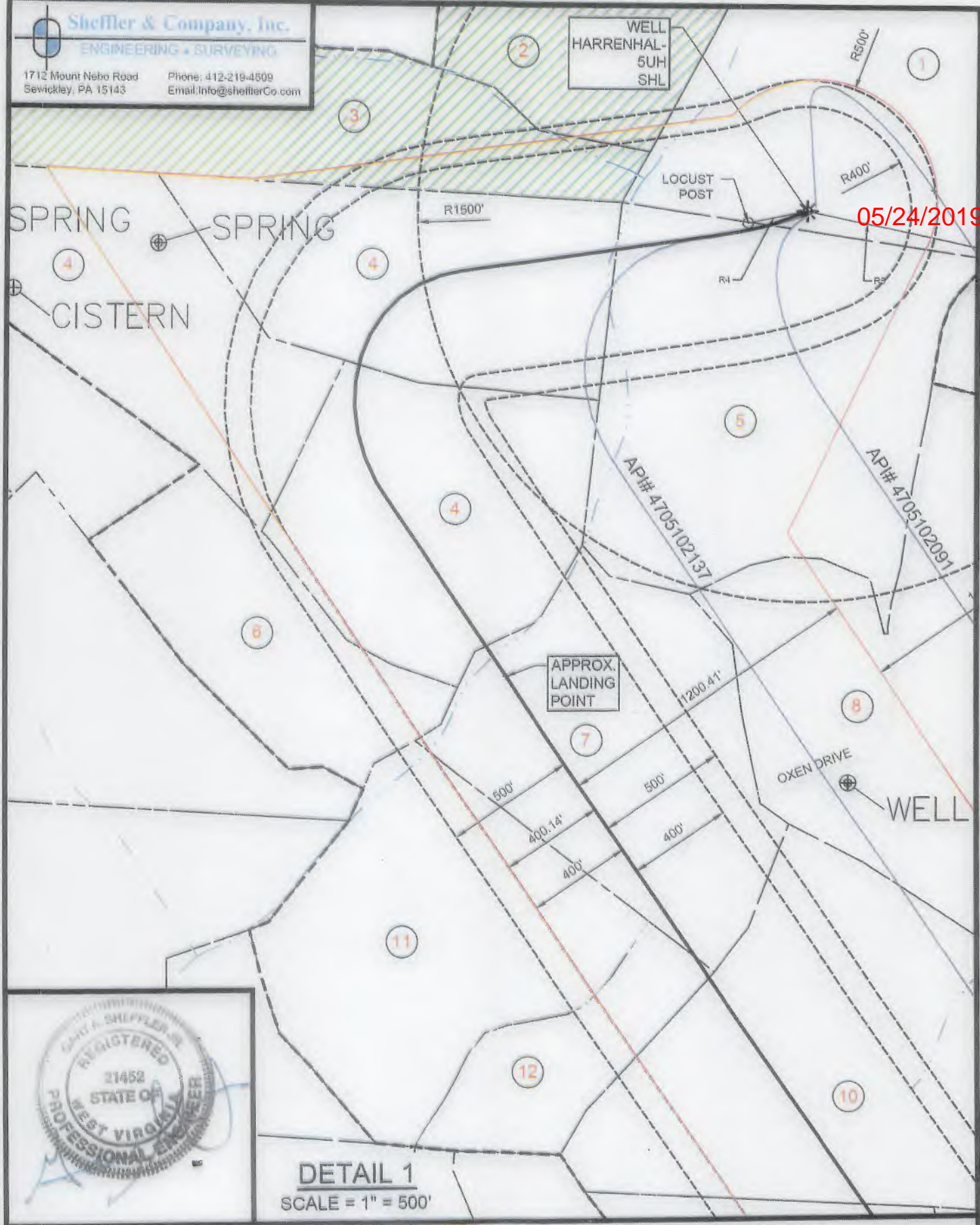
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

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

DATE: November 30, 2018 -REV- March 18, 2019
 OPERATOR'S WELL #: HARRENHAL-5UH
 API WELL # 47 051 02136 HLG
 STATE COUNTY PERMIT

ESTIMATED DEPTH: TVD: 11,395' ± TMD: 23,172' ±
 DESIGNATED AGENT: STEVEN GREEN
 Address: 300 SUMMERS ST, SUITE 1000
 City: CHARLESTON State: WV Zip Code: 25301





05/24/2019



DETAIL 1
 SCALE = 1" = 500'

(+) 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



DATE: November 30, 2018 -REV- March 18, 2019
 OPERATOR'S WELL #: HARRENHAL-5UH
 API WELL # 47 051 02136 *H6A*
 STATE COUNTY PERMIT

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MOUNDSVILLE, WV
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 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
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TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 11,395' ± TMD: 23,172' ±
 WELL OPERATOR: AMERICAN PETROLEUM PARTNERS OPERATING, 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

05/24/2019



DETAIL 2
 SCALE = 1" = 500'

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



DATE: November 30, 2018 -REV- March 18, 2019
 OPERATOR'S WELL #: HARRENHAL-5UH
 API WELL # 47 051 02136 ^{H/A}
 STATE COUNTY PERMIT

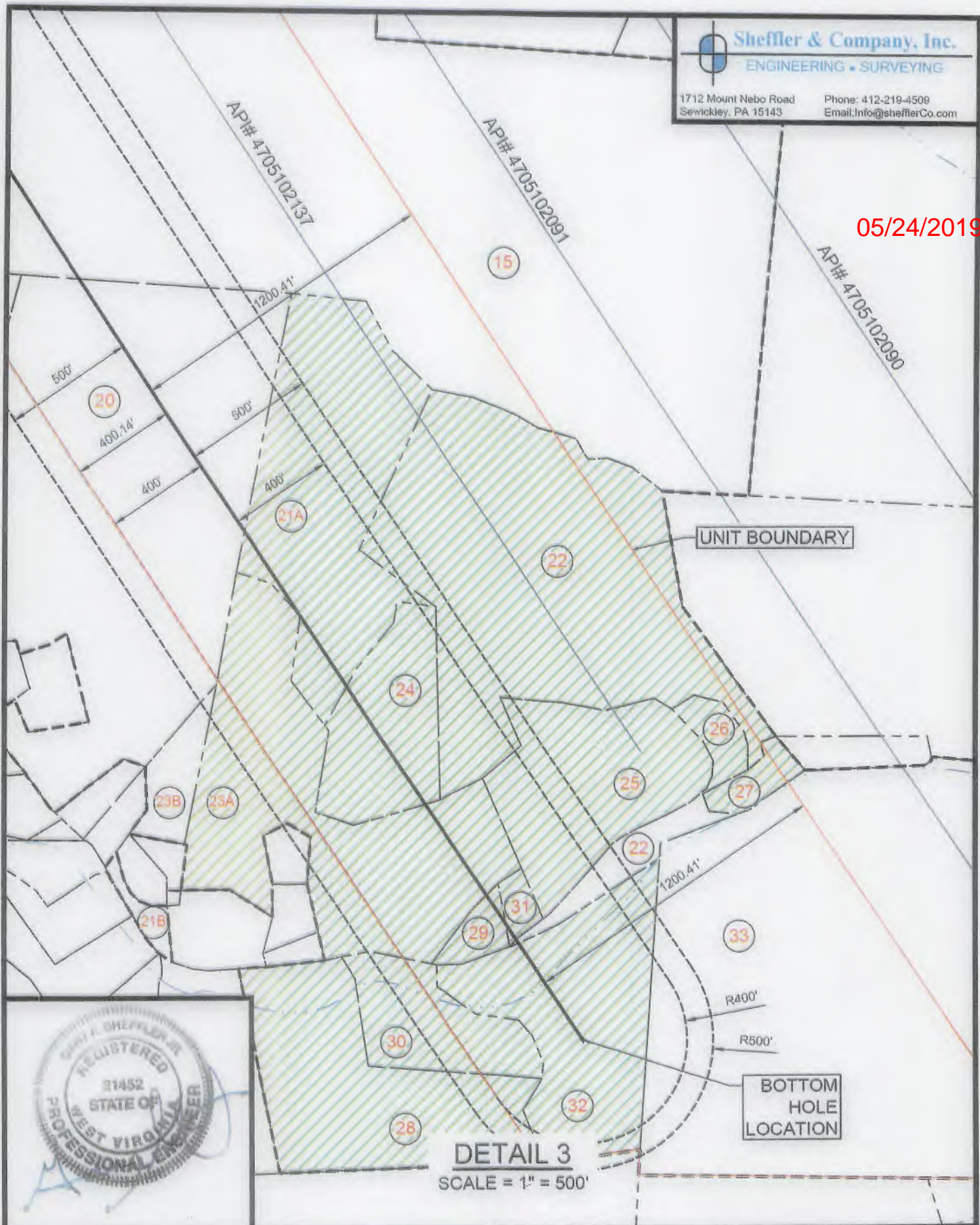
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MOUNDSVILLE WV
 SURFACE OWNER(1): APP MINERALS LLC ACREAGE(1): 183.31 SURFACE OWNER(2): ERIC G. DAILEY & NORMA C. PAYNE ACREAGE(2): 39.39
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 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

05/24/2019



DETAIL 3
 SCALE = 1" = 500'

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



DATE: November 30, 2018 -REV- March 18, 2019

OPERATOR'S WELL #: HARRENHAL-5UH

API WELL # 47 051 02136
 STATE COUNTY PERMIT

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

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'

COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER(1): APP MINERALS LLC ACREAGE(1): 183.31 SURFACE OWNER(2): ERIC G. DAILEY & NORMA C. PAYNE ACREAGE(2): 39.39

OIL & GAS ROYALTY OWNERS(1): APP MINERALS LLC ACREAGE(1): 183.31

OIL & GAS ROYALTY OWNERS(2): ERIC G. DAILEY & NORMA C. PAYNE ACREAGE(2): 39.39

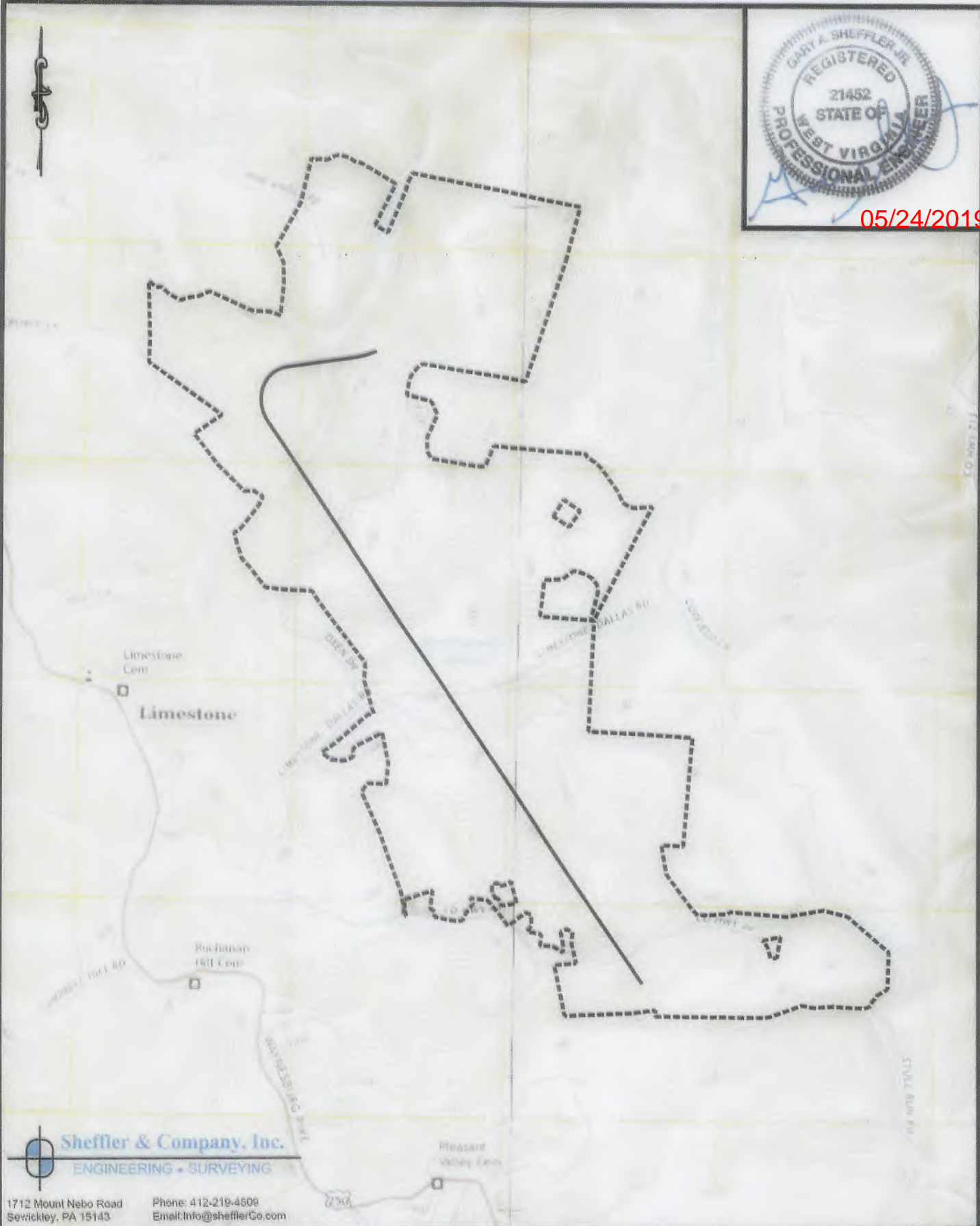
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Address: 4600 J. BARRY COURT, SUITE 310 Address: 300 SUMMERS ST, SUITE 1000

City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301



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

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'

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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

05/24/2019

○ TAX MAP NO.
 15-0002-0016-0000-0000
 ASSESSED ACREAGE: 183.31 ACRES

SURFACE OWNERS:
 APP MINERALS LLC

MINERAL OWNERS:
 APP MINERALS LLC

○ TAX MAP NO.
 15-0002-0017-0001-0000
 ASSESSED ACREAGE: 57.18 ACRES

SURFACE OWNERS:
 ECO-VRINDABAN INC.

MINERAL OWNERS:
 RESOURCE MINERALS HEADWATER I, LP

○ TAX MAP NO.
 15-0007-0019-0000-0000
 ASSESSED ACREAGE: 135.00 ACRES

SURFACE OWNERS:
 GEETA

MINERAL OWNERS:
 ECO-VRINDABAN INC.

○ TAX MAP NO.
 13-0014-0022-0000-0000
 ASSESSED ACREAGE: 75.00

SURFACE OWNERS:
 HEWITT ESTATE, ELSIE MAE

MINERAL OWNERS:
 PAUL HEWITT

○ TAX MAP NO.
 15-0002-0014-0000-0000
 ASSESSED ACREAGE: 126.12 ACRES

SURFACE OWNERS:
 HARRY B. SNYDER AND ELIZABETH JANE SNYDER,
 TRUSTEES OF THE SNYDER FAMILY TRUST,
 DATED DECEMBER 17, 2014

MINERAL OWNERS:
 HARRY B. SNYDER AND ELIZABETH JANE SNYDER,
 TRUSTEES OF THE SNYDER FAMILY TRUST DATED DECEMBER 17, 2014

○ TAX MAP NO.
 15-0007-0019-0001
 ASSESSED ACREAGE: 15.47 ACRES

SURFACE OWNERS:
 ISKCON NEW MATHURA VRINDABAN, INC.

MINERAL OWNERS:
 ISKCON NEW VRINDABAN, INC.

○ TAX MAP NO.
 13-0014-0024-0002-0000
 ASSESSED ACREAGE: 36.65 ACRES

SURFACE OWNERS:
 PLANTS, RUSSELL EDWARD

MINERAL OWNERS:
 RUSSELL EDWARD PLANTS

○ TAX MAP NO.
 15-0002-0017-0002-0000
 ASSESSED ACREAGE: 41.00 ACRES

SURFACE OWNERS:
 DOVE, WILLIAM E., ET AL.

MINERAL OWNERS:
 RESOURCE MINERALS HEADWATER I, LP

○ TAX MAP NO.
 15-0007-0004-0001-0000
 ASSESSED ACREAGE: 0.66 ACRES

SURFACE OWNERS:
 LOGSDON, RONALD A. ET UX.

MINERAL OWNERS:
 JUDITH A. LOGSDON

○ TAX MAP NO.
 14-0005-0027-0000-0000
 ASSESSED ACREAGE: 76 ACRES

SURFACE OWNERS:
 SMITH, RICHARD A.

MINERAL OWNERS:
 RICHARD A. SMITH

○ TAX MAP NO.
 15-0002-0018-0000-0000
 ASSESSED ACREAGE: 28.21 ACRES

SURFACE OWNERS:
 DOVE, WILLIAM E. & TRENE M., ET AL.

MINERAL OWNERS:
 RESOURCE MINERALS HEADWATER I, LP

○ TAX MAP NO.
 15-0007-0006-0000-0000
 ASSESSED ACREAGE: 56.82 ACRES

SURFACE OWNERS:
 GEETA

MINERAL OWNERS:
 ECO-VRINDABAN, INC.,
 D/B/A GORAKSHYA-SEVA AND ENVIRONMENTAL
 EDUCATION TRUST OF AMERICA, INC.

○ TAX MAP NO.
 15-0002-0017-0004-0000
 ASSESSED ACREAGE: 39.32 ACRES

SURFACE OWNERS:
 PAYNE, NORMA C., ET AL.

MINERAL OWNERS:
 ERIC G. DAILEY AND NORMA C. PAYNE

○ TAX MAP NO.
 15-0002-0018-0001-0000
 ASSESSED ACREAGE: 9.68 ACRES

SURFACE OWNERS:
 HUNTT, DAVID

MINERAL OWNERS:
 DAVID HUNTT

○ TAX MAP NO.
 15-0007-0007-0000-0000
 ASSESSED ACREAGE: 66.08 ACRES

SURFACE OWNERS:
 GEETA

MINERAL OWNERS:
 ECO-VRINDABAN, IN., D/B/A
 GORAKSHYA-SEVA
 AND ENVIRONMENTAL
 EDUCATION TRUST OF AMERICA, INC.

○ TAX MAP NO.
 14-0005-0026-0004-0000
 ASSESSED ACREAGE: 16.65 ACRES

SURFACE OWNERS:
 BLEDSOE, BILLY J. JR. AND CLARA M.

MINERAL OWNERS:
 BILLY J., JR & CLARA M. BLEDSOE,
 DAVID R. BLEDSOE,
 DONNA JEAN MASON

○ TAX MAP NO.
 15-0007-0003-0000-0000
 ASSESSED ACREAGE: 30.23 ACRES

SURFACE OWNERS:
 LOGSDON, RONALD A., ET UX.

MINERAL OWNERS:
 JUDITH A. LOGSDON

○ TAX MAP NO.
 15-0007-0018-0000-0000
 ASSESSED ACREAGE: 42.24 ACRES

SURFACE OWNERS:
 MCCARDLE, DAVID W.

MINERAL OWNERS:
 DAVID W. & CHRISTINE L. MCCARDLE

○ TAX MAP NO.
 15-0002-0017-0000-0000
 ASSESSED ACREAGE: 27.71 ACRES

SURFACE OWNERS:
 HUNTT, DAVID

MINERAL OWNERS:
 DAVID HUNTT

○ TAX MAP NO.
 15-0007-0004-0000-0000
 ASSESSED ACREAGE: 35.59 ACRES

SURFACE OWNERS:
 LOGSDON, KEITH A. & ROBIN S.

MINERAL OWNERS:
 KEITH A. LOGSDON AND ROBIN S. LOGSDON

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



DATE: November 30, 2018 -REV- March 18, 2019
 OPERATOR'S WELL #: HARRENHAL-5UH
 API WELL # 47 061 02136
 STATE COUNTY PERMIT

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

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'
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TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 11,395' ± TMD: 23,172' ±
 WELL OPERATOR: AMERICAN PETROLEUM PARTNERS OPERATING, LLC DESIGNATED AGENT: STEVEN GREEN
 Address: 4800 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

11 TAX MAP NO.
P/O 15-0007-0017-0000-0000
ACREAGE: 15.03 ACRES
(ASSESSED AT 16 ACRES)

SURFACE OWNERS:
ISKCON - NEW MATHURA VRINDABAN INC

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DAVID ROSS HEIRS,
DONALD L. HALL AND SUSAN HALL, BY STACY LYNN ROBERTS,
ACTING AS TRUSTEE,
ELIZABETH J. HARREL,
ISKCON NEW VRINDABAN, INC.,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS

12 TAX MAP NO.
15-0007-0017-0007-0000
ACREAGE: 18.68 ACRES
(ASSESSED AT 20.68 ACRES)

SURFACE OWNERS:
TSACRIOS, NICKY M. JR., ET UX.

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DONALD L. HALL AND W. SUSAN HALL,
BY STACY LYNN ROBERTS, ACTING AS TRUSTEE,
ELIZABETH J. HARREL,
HEIRS OF DAVID ROSS,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
NICHOLAS & DEBORAH TSACRIOS,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS

13 TAX MAP NO.
15-0007-0017-0003-0000
ASSESSED ACREAGE: 10.02 ACRES

SURFACE OWNERS:
PRINS, SHIRLEY

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DONALD L. HALL AND W. SUSAN HALL,
BY STACY LYNN ROBERTS, ACTING AS TRUSTEE,
ELIZABETH J. HARREL,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
SHIRLEY PRINS,
STEPHANIE C. VOSS,
DAVID ROSS HEIRS,
BARBARA JERMSTAD

05/24/2019

14 TAX MAP NO.
P/O 15-0007-0017-0000-0000
ACREAGE: 0.97 ACRES
(ASSESSED AT 16 ACRES)

SURFACE OWNERS:
ISKCON - NEW MATHURA VRINDABAN INC.

MINERAL OWNERS:
ISKCON NEWVRINDABAN, INC.

15 TAX MAP NO.
15-0007-0017-0007-0000
ACREAGE: 2.00 ACRES
(ASSESSED AT 20.68 ACRES)

SURFACE OWNERS:
TSACRIOS, NICKY M. JR., ET UX.

MINERAL OWNERS:
NICHOLAS & DEBORAH TSACRIOS

16 TAX MAP NO.
15-0007-0017-0008-0000
ASSESSED ACREAGE: 1.34 ACRES (DEED)

SURFACE OWNERS:
PRINS, NITYANANDA N.

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY N. MINESINGER,
DAVID ROSS HEIRS,
DONALD L. HALL AND W. SUSAN HALL,
BY STACY LYNN ROBERTS, ACTING AS TRUSTEE,
ELIZABETH J. HARREL,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
SHIRLEY PRINS,
STEPHANIE C. VOSS

17 TAX MAP NO.
P/O 15-0007-0017-0014-0000
ASSESSED ACREAGE: 33.73
SURFACE OWNERS:
PRINS, SHIRLEY A.

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DONALD L. HALL AND W. SUSAN HALL,
BY STACY LYNN ROBERTS, ACTING AS TRUSTEE,
ELIZABETH J. HARREL,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS,
DAVID ROSS HEIRS,
SHIRLY A. PRINS

18 TAX MAP NO.
15-0007-0017-0013-0000
ASSESSED ACREAGE: 6.58 ACRES

SURFACE OWNERS:
TSACRIOS, NICHOLAS

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DONALD L. HALL AND W. SUSAN HALL,
BY STACY LYNN ROBERTS, ACTING AS TRUSTEE,
ELIZABETH J. HARREL,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
NICHOLAS & DEBORAH TSACRIOS,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS,
DAVID ROSS HEIRS.

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



DATE: November 30, 2018 -REV- March 18, 2019

OPERATOR'S WELL #: HARRENHAL-5UH

API WELL #	47	051	02136
	STATE	COUNTY	PERMIT

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

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,134.2'

COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER(1): APP MINERALS LLC ACREAGE(1): 183.31 SURFACE OWNER(2): ERIC G. DAILEY & NORMA C. PAYNE ACREAGE(2): 39.39

OIL & GAS ROYALTY OWNERS(1): APP MINERALS LLC ACREAGE(1): 183.31

OIL & GAS ROYALTY OWNERS(2): ERIC G. DAILEY & NORMA C. PAYNE ACREAGE(2): 39.39

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: 23,172' ±

WELL OPERATOR: AMERICAN PETROLEUM PARTNERS OPERATING, 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

TAX MAP NO.
15-0007-0017-0012-0000
ASSESSED ACREAGE: 1.13 ACRES

SURFACE OWNERS:
DETAMORE, JASON A.

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
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MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS,
DAVID ROSS HEIRS,
JASON A. DETAMORE

TAX MAP NO.
15-0007-0013-0003-0000
ASSESSED ACREAGE: 5.00 ACRES

SURFACE OWNERS:
HYMAN ALAN, ET AL.

MINERAL OWNERS:
ALAN HYMAN,
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DAVID ROSS HEIRS,
DONALD L. HALL AND W. SUSAN HALL,
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JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS

TAX MAP NO.
15-0007-0013-0000-0000
ASSESSED ACREAGE: 11.76 ACRES

SURFACE OWNERS:
SHERWOOD, JOHN H., ET UX.

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DAVID ROSS HEIRS,
DONALD L. HALL AND W. SUSAN HALL,
BY STACY LYNN ROBERTS, ACTING AS TRUSTEE,
ELIZABETH HARREL,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
JOHN H. & CHRISTINE L. SHERWOOD,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS

TAX MAP NO.
15-0007-0013-0006-0000
ASSESSED ACREAGE: 12.63 ACRES

SURFACE OWNERS:
SHERWOOD, JOHN H. ET AL

MINERAL OWNERS:
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
DAVID ROSS HEIRS,
ELIZABETH J. HARREL,
JAMES ALAN & LONI M. HALL,
JOHN C. & SUSAN G. MINESINGER,
LISA MARIE CLARRY,
MARY M. & LARRY G. GILES,
ROGER H. & PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STACY LYNN ROBERTS TRUSTEE:
DONALD L & W SUSAN HALL TRUST AGREEMENT,
JOHN H. SHERWOOD AND CHRISTINE L. SHERWOOD,
STEPHANIE C. VOSS

TAX MAP NO.
15-0007-0017-0010-0000
ASSESSED ACREAGE: 0.66 ACRES

SURFACE OWNERS:
HYMAN, ALAN, ET AL.

MINERAL OWNERS:
ALAN HYMAN,
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
DAVID P., JR. & KELLY M. MINESINGER,
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MARY M. & LARRY G. GILES,
ROGER H. AND PATRICIA ANN HALL,
SCOTT A. & JAN CLARRY,
STEPHANIE C. VOSS

TAX MAP NO.
15-0007-0029-0000-0000
ASSESSED ACREAGE: 114.91 ACRES

SURFACE OWNERS:
FRIED, GABRIEL B.

MINERAL OWNERS:
GABRIEL B. FRIED

TAX MAP NO.
15-0007-0017-0001-0000
ASSESSED ACREAGE: 0.94 ACRES

SURFACE OWNERS:
HYMAN, ALAN, ET AL.

MINERAL OWNERS:
ALAN HYMAN,
ALEXIA SPRINGER,
ANNE C. CLARRY,
BARBARA JERMSTAD,
BRIAN C. CLARRY,
DAVID G. & LEIGH W. PRICE,
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