

FILE #: CASTERLY ROCK-1UH

DRAWING #: CRN-1UH_AS DRILL R1.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.

GARY A. SHEFFLER JR.
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF WEST VIRGINIA
 21452
 PLACE SEAL HERE

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP OFFICE OF OIL & GAS 600 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' AS DRILLED ELEVATION: 1,312.1'

COUNTY/DISTRICT: MARSHALL UNION QUADRANGLE: MOUNDSMILE WV

SURFACE OWNER: LESLIE B. & LORI D. SCHABER ACREAGE: 7.17175

OIL & GAS ROYALTY OWNER: CAROL A. WENYER, CAROL A. MILLER ACTING AS TRUSTEE FOR THE CAROL A. WENYER 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: 7.37474

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

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 13395' ± TMTD: 20,271.009' ±

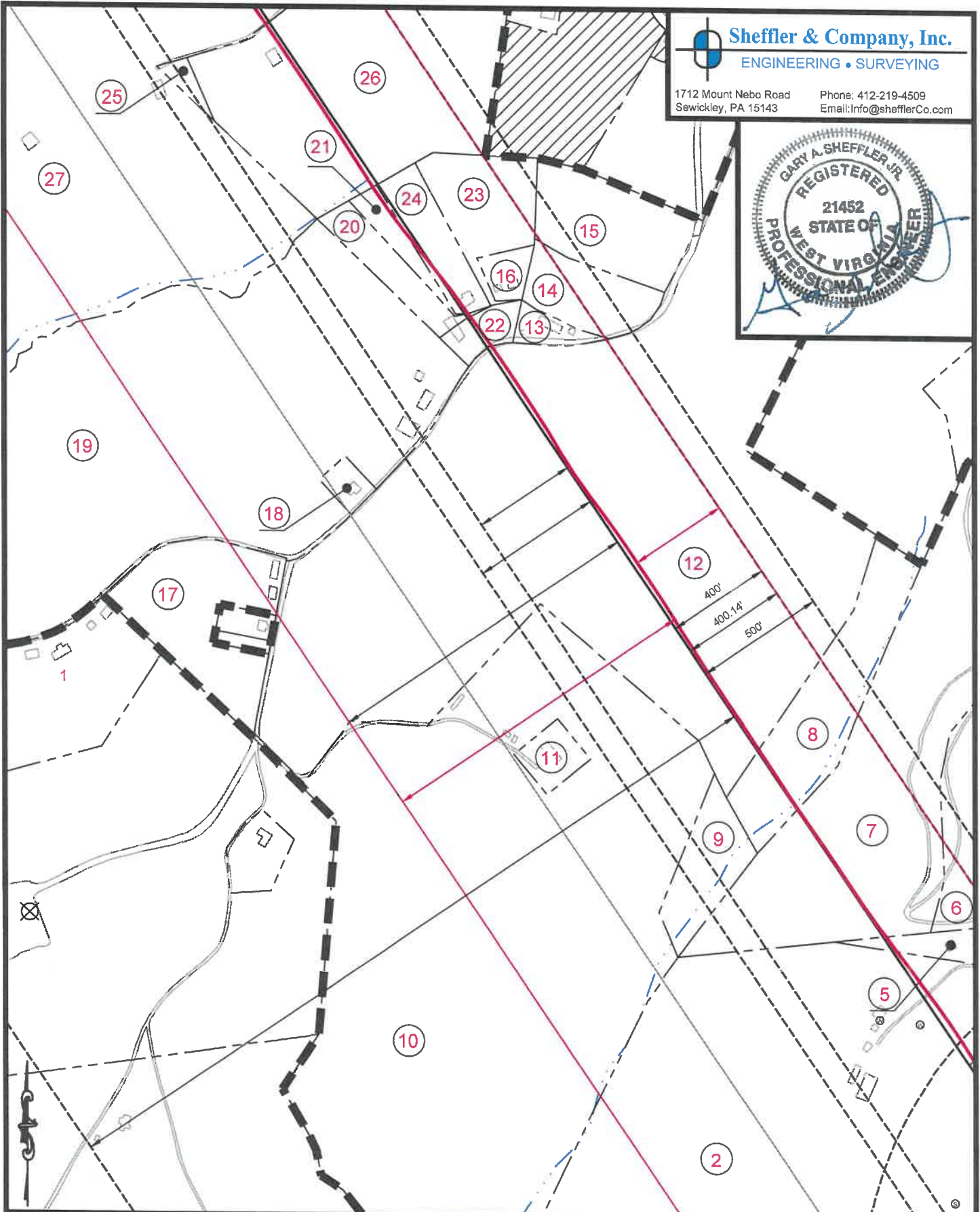
WELL OPERATOR: AMERICAN PETROLEUM PARTNERS, LLC DESIGNATED AGENT: STEVEN GREEN
 Address: 4600 J. BARRY COURT SUITE 310 Address: 3009 SUMMERS STREET SUITE 100
 City: CANONSBURG State: PA Zip Code: 15317 City: CHARLESTON State: WV Zip Code: 25301

DATE: May 22, 2018 AS DRILLED DATE: 28, 2019

OPERATOR'S WELL #: CASTERLY ROCK-1UH

API/WELL # 4747 05051 0202047

STATE COUNTY PERMIT



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



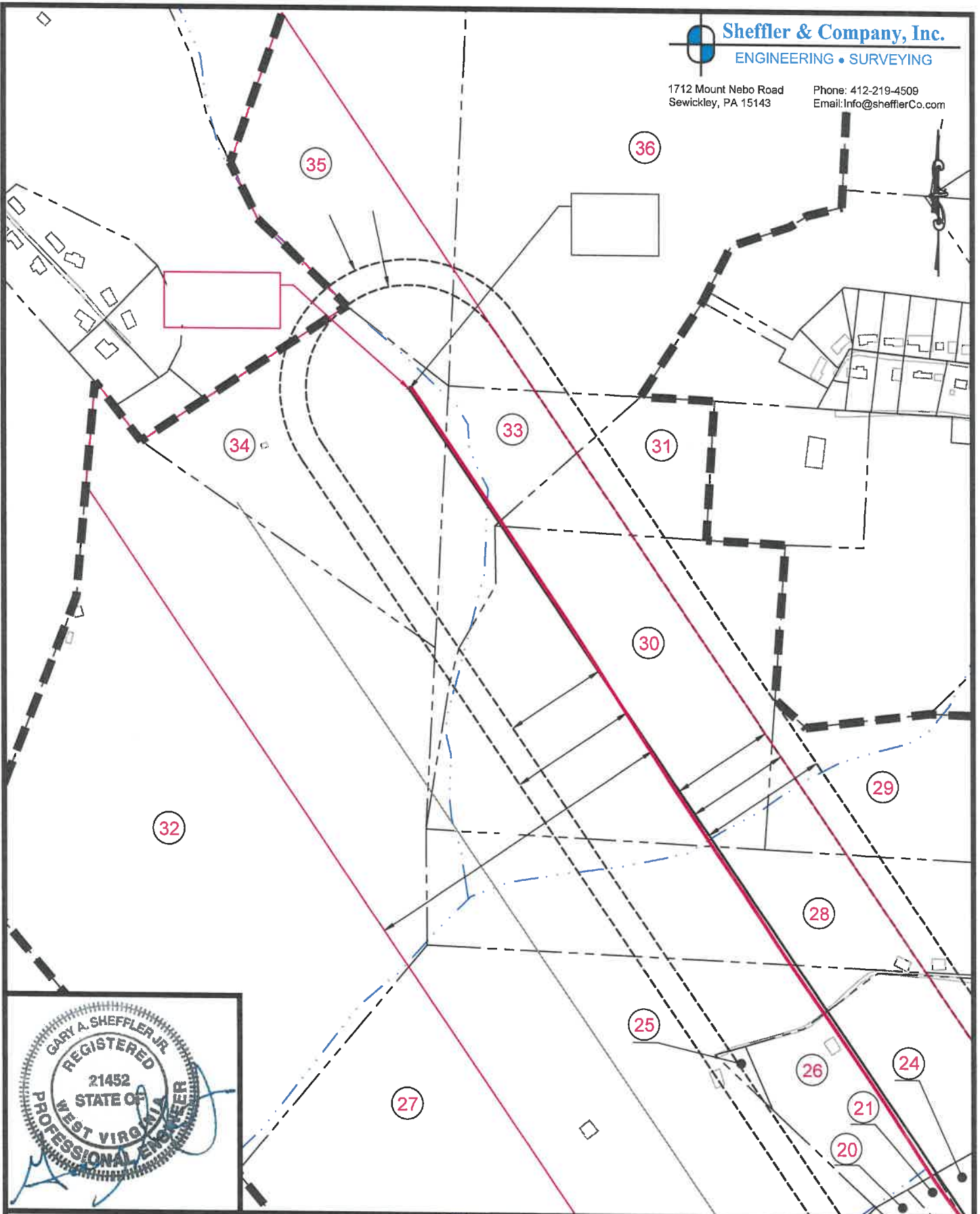
DATE: May 22, 2018 - AS-DRILLED June 28, 2019
 OPERATOR'S WELL #: CASTERLY ROCK-1UH
 API WELL # 47 051 02047
 STATE COUNTY PERMIT

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

WATERSHED: SHORT CREEK - OHIO RIVER ELEVATION: 1,338.53' AS-DRILLED ELEVATION: 1,312.1'
 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. 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) AS-DRILLED

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 11,395' ± TMD: 20,271.09' ±
 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



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

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

Well Type:

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Oil | <input type="checkbox"/> Waste Disposal | <input checked="" type="checkbox"/> Production | <input checked="" type="checkbox"/> Deep |
| <input checked="" type="checkbox"/> Gas | <input type="checkbox"/> Liquid Injection | <input type="checkbox"/> Storage | <input type="checkbox"/> Shallow |

WATERSHED: SHORT CREEK - OHIO RIVER

ELEVATION: 1,338.53' AS-DRILLED ELEVATION: 1,312.1'

COUNTY/DISTRICT: MARSHALL / UNION

QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER: LESLIE B. & LORI D. SCHABER

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DESIGNATED AGENT: STEVEN GREEN

Address: 4600 J. BARRY COURT, SUITE 310

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City CANONSBURG State PA Zip Code 15317

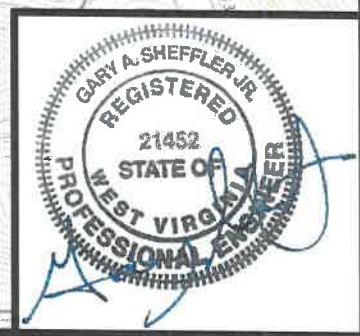
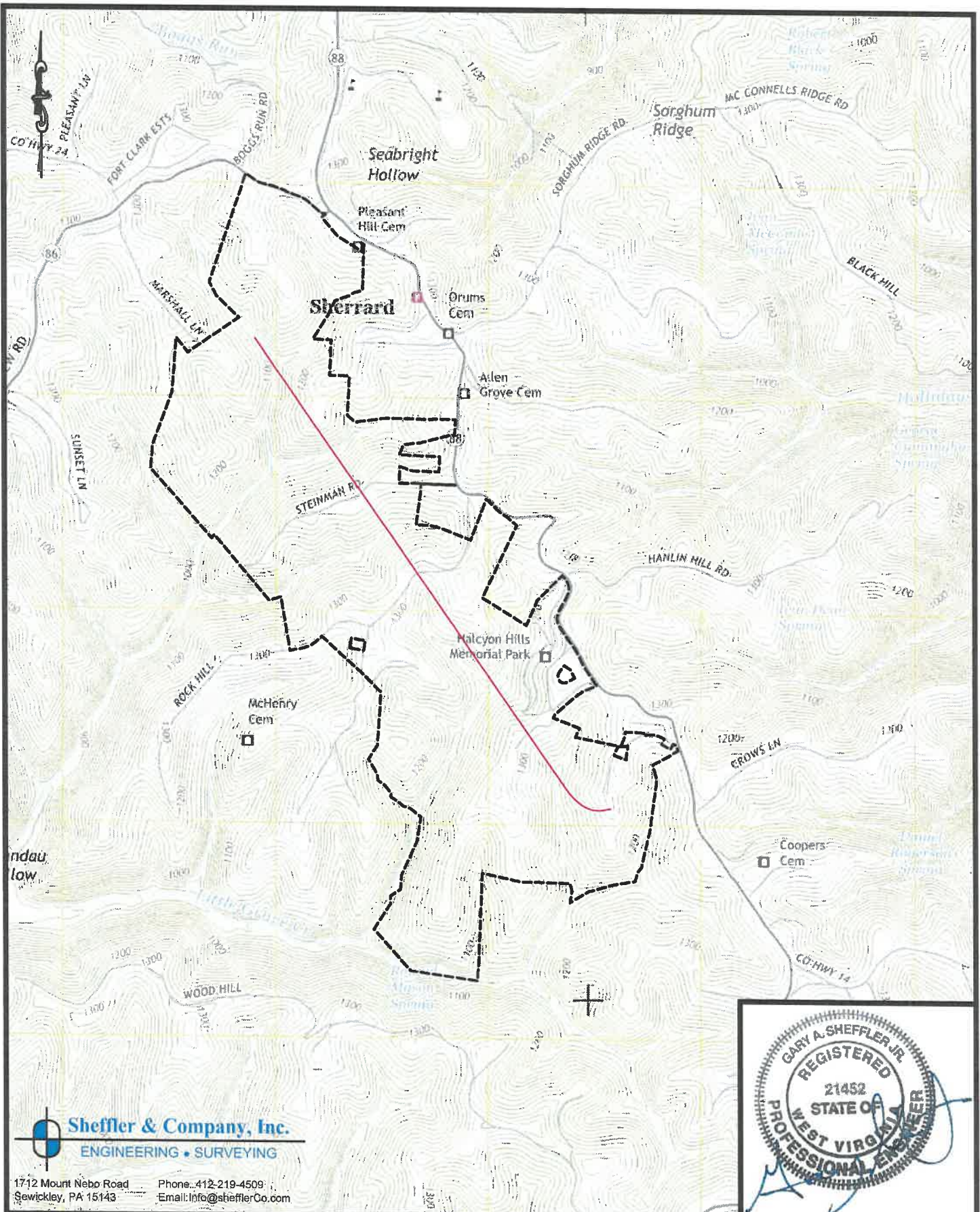
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DATE: May 22, 2018 - AS-DRILLED June 28, 2019

OPERATOR'S WELL #: CASTERLY ROCK-1UH

API WELL #	<u>47</u>	<u>051</u>	<u>02047</u>
	STATE	COUNTY	PERMIT



Sheffler & Company, Inc.
ENGINEERING • SURVEYING
1712 Mount Nebo Road Phone: 412-219-4509
Sewickley, PA 15143 Email: info@shefflerco.com

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1 TAX MAP NO.
13-0013-0010-0000-0000
ASSESSED ACREAGE = 73.79
SURFACE OWNER:
SCHABER, LESLIE B. & LORI D.
MINERAL OWNER:
CAROL A. WENSYEL A/K/A CAROL A. MILLER,
ACTING AS TRUSTEE FOR THE CAROL A. WENSYEL
IRREVOCABLE TRUST DATED OCTOBER 28, 2010
JOHN F. MILLER, SR. TRUSTEE OF THE
JOHN F. MILLER, SR. IRREVOCABLE
TRUST, DATED OCTOBER 28, 2010

2 TAX MAP NO.
13-0013-0009-0000-0000
ASSESSED ACREAGE = 156.14
SURFACE & MINERAL OWNERS:
HELLER, EDGAR

3 TAX MAP NO.
13-0013-0009-0003-0000
ASSESSED ACREAGE = 4.78
SURFACE & MINERAL OWNERS:
JOHN E. KOCH AND
BARBARA A. KOCH

4 TAX MAP NO.
13-0013-0008-0004-0000
ASSESSED ACREAGE = 0.68
SURFACE & MINERAL OWNERS:
JOHN E. KOCH AND
BARBARA A. KOCH

5 TAX MAP NO.
13-0013-0009-0001-0000
ASSESSED ACREAGE = 1.40
SURFACE & MINERAL OWNERS:
ALTMAYER FUNERAL HOMES, INC.

6 TAX MAP NO.
13-0010-0036-0000-0000
ASSESSED ACREAGE = 19.28
SURFACE & MINERAL OWNERS:
CORNERSTONE FAMILY SERVICES
OF WEST VIRGINIA, LLC.

7 TAX MAP NO.
13-0010-0037-0000-0000
ASSESSED ACREAGE = 25.0
SURFACE & MINERAL OWNERS:
CORNERSTONE FAMILY SERVICES
OF WEST VIRGINIA, LLC.

8 TAX MAP NO.
13-0010-0038-0000-0000
ASSESSED ACREAGE = 6.4
SURFACE & MINERAL OWNERS:
CORNERSTONE FAMILY SERVICES
OF WEST VIRGINIA, LLC.

9 TAX MAP NO.
13-0010-0038-0000-0000
ASSESSED ACREAGE = 2.66
SURFACE & MINERAL OWNERS:
CORNERSTONE FAMILY SERVICES
OF WEST VIRGINIA, LLC.

10 TAX MAP NO.
13-0010-0040-0000-0000
ASSESSED ACREAGE = 64.11
SURFACE & MINERAL OWNERS:
HILL, MICHAEL W., & JENNIFER S.

11 TAX MAP NO.
13-0010-0040-0001-0000
ASSESSED ACREAGE = 1.00
SURFACE & MINERAL OWNERS:
HILL, MICHAEL W., & JENNIFER S.

12 TAX MAP NO.
13-0010-0006-0002-0000
ASSESSED ACREAGE = 72.18
SURFACE & MINERAL OWNERS:
RANDOLPH, ROBERT A.

13 TAX MAP NO.
13-0010-0007-0003-0000
ASSESSED ACREAGE = 0.49
SURFACE OWNERS:
DEREK M. & ANGELA M. SALATINO
MINERAL OWNERS:
ROBERT LEROY STRAIT JR. AND
DIANE MARY STRAIT

14 TAX MAP NO.
13-0010-0007-0000-0000
ASSESSED ACREAGE = 4.12
SURFACE & MINERAL OWNERS:
DREW S. & REBECCA A. BECKETT

15 TAX MAP NO.
13-0010-0012-0000-0000
ASSESSED ACREAGE = 4.41
SURFACE & MINERAL OWNER:
RANDOLPH, PEARLY D.

16 TAX MAP NO.
13-0010-0007-0002-0000
ASSESSED ACREAGE = 0.71
SURFACE & MINERAL OWNERS:
PEGG, RICHARD, & JUDITH E.

17 TAX MAP NO.
13-0010-0041-0000-0000
ASSESSED ACREAGE = 6.14
SURFACE & MINERAL OWNERS:
DECREASE, VINCENT MICHAEL

18 TAX MAP NO.
13-0010-0006-0001-0000
ASSESSED ACREAGE = 0.54
SURFACE OWNERS:
KIMBERLY, JERAMY R.
MINERAL OWNERS:
RANDOLPH, PEARLY D.

19 TAX MAP NO.
13-0010-0008-0000-0000
ASSESSED ACREAGE = 38.00
SURFACE & MINERAL OWNERS:
RANDOLPH, PEARLY D.

20 TAX MAP NO.
13-0010-0007-0005-0000
ASSESSED ACREAGE = 1.78
SURFACE & MINERAL OWNERS:
PEGG, DANNY ALAN, & DEBRA J.

21 TAX MAP NO.
13-0010-0007-0007-0000
ASSESSED ACREAGE = 0.87
SURFACE & MINERAL OWNERS:
PEGG, DANNY ALAN, & DEBRA J.

22 TAX MAP NO.
13-0010-0007-0004-0000
ASSESSED ACREAGE = 0.91
SURFACE & MINERAL OWNERS:
PEGG, DANNY ALAN, & DEBRA J.

23 TAX MAP NO.
13-0010-0007-0006-0000
ASSESSED ACREAGE = 3.37
SURFACE OWNERS:
PEGG, RICHARD, ET UX.
MINERAL OWNERS:
JUDITH EVELYN PEGG

24 TAX MAP NO.
13-0010-0007-0001-0000
ASSESSED ACREAGE = 2.15
SURFACE OWNERS:
HUGHES, IAN E. & TERESA D.
MINERAL OWNERS:
JESSICA D. KNAPP, NKA
JESSICA D. HUTSON

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API WELL # 47 051 02047
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25 TAX MAP NO.
13-0010-0008-0002-0000
ASSESSED ACREAGE = 0.32

SURFACE OWNERS:
MCCABE FAMILY TRUST

MINERAL OWNERS:
RESOURCE MINERALS HEADWATER I, LP
DOGWOOD ACRES, LLC

34 TAX MAP NO.
13-0007-0036-0000-0000
ASSESSED ACREAGE = 18.86

SURFACE OWNERS:
GAMBLE, REBECCA C. EST.

MINERAL OWNERS:
AMY J. GAMBLE,
CHARLES RAY MEREDITH,
DOUGLAS I. GAMBLE,
SHELLEY L. TUSKEY,
SHERRY L. GAMBLE,
DONNA SUE KIRCH,
MARTHA ANN MIGLIORINI,
CYNTHIA M. GAMBLE,
KATHRYN J. MERCURIO

26 TAX MAP NO.
13-0010-0008-0000-0000
ASSESSED ACREAGE = 17.05

SURFACE & MINERAL OWNERS:
KUDLAK, JAMES K. & LORI.

35 TAX MAP NO.
13-0007-0038-0000-0000
ASSESSED ACREAGE = 20.00

SURFACE OWNERS:
CALDWELL, JANICE ANN - LIFE

MINERAL OWNERS:
CHARLES W. CALDWELL
RICHARD J. CALDWELL
CHRISTIAN A. CALDWELL

27 TAX MAP NO.
13-0010-0005-0000-0000
ASSESSED ACREAGE = 66.00

SURFACE OWNERS:
MCCABE FAMILY TRUST

MINERAL OWNERS:
RESOURCE MINERALS HEADWATER I, LP
DOGWOOD ACRES, LLC.

28 TAX MAP NO.
13-0007-0031-0003-0000
ASSESSED ACREAGE = 24.56

SURFACE & MINERAL OWNERS:
PARSONS, CLARENCE E., ET UX.

36 TAX MAP NO.
13-0007-0037-0000-0000
ASSESSED ACREAGE = 67.28

SURFACE OWNERS:
CALDWELL, JANICE ANN - LIFE

MINERAL OWNERS:
CHARLES W. CALDWELL
RICHARD J. CALDWELL
CHRISTIAN A. CALDWELL

29 TAX MAP NO.
13-0007-0027-0000-0000
ASSESSED ACREAGE = 16.83

SURFACE OWNERS:
BLACK, ERNEST E. - LIFE

MINERAL OWNERS:
ERNEST ELLSWORTH BLACK (LIFE ESTATE)
SCOTT A. BLACK (REMAINDERMAN)
TIMOTHY JON BLACK (REMAINDERMAN)

30 TAX MAP NO.
13-0007-0032-0000-0000
ASSESSED ACREAGE = 32.80

SURFACE OWNERS:
MERINAR & KOONTZ CO.

MINERAL OWNERS:
MERINAR & KOONTZ CO. D/B/A
A-1 AUTO PARTS

31 TAX MAP NO.
13-0007-0034-0000-0000
ASSESSED ACREAGE = 6.87

SURFACE & MINERAL OWNERS:
KAHLBAUGH, DAVID W. & DELORES

32 TAX MAP NO.
13-0010-0003-0000-0000
ASSESSED ACREAGE = 74.00

SURFACE & MINERAL OWNERS:
CINDY L. VARGO,
LINDA S. ELSON,
MARK S. MUSILLI,
PAUL J. MUSILLI

33 TAX MAP NO.
13-0007-0035-0000-0000
ASSESSED ACREAGE = 9.06

SURFACE & MINERAL OWNERS:
GAMBLE, ESTHER M.

(+) DENOTES LOCATION OF
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OFFICE OF OIL & GAS
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