



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Thursday, January 24, 2019
WELL WORK PERMIT
Horizontal 6A / Fracture

TRIAD HUNTER, LLC
125 PUTNAM ST

MARIETTA, OH 45750

Re: Permit approval for STEWART WINLAND UNIT #1300
47-095-02128-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: STEWART WINLAND UNIT #
Farm Name: STEWART, JAMES L. & MAR
U.S. WELL NUMBER: 47-095-02128-00-00
Horizontal 6A Fracture
Date Issued: 1/24/2019

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
2. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
3. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
4. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
5. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
6. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

WW-6B
(04/15)

API NO. 47-95 - _____
OPERATOR WELL NO. 1300
Well Pad Name: Stewart Winland

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Triad Hunter, LLC 494494833 Tyler Ellsworth Paden City
Operator ID County District Quadrangle

2) Operator's Well Number: 1300 Well Pad Name: Stewart Winland

3) Farm Name/Surface Owner: Stewart Winland Public Road Access: County Road 10/1

4) Elevation, current ground: 904' Elevation, proposed post-construction: 904'

5) Well Type (a) Gas Oil Underground Storage _____

Other _____

(b) If Gas Shallow _____ Deep

Horizontal

6) Existing Pad: Yes or No Yes

DMAH 12/27/17

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant Shale, 10,826' TVD, 17,200' TMD, 256' Thick, 7,000-9,000 # BHP

8) Proposed Total Vertical Depth: 10,826' TVD

9) Formation at Total Vertical Depth: Point Pleasant Shale

10) Proposed Total Measured Depth: 16,800' MD

11) Proposed Horizontal Leg Length: 5,487'

12) Approximate Fresh Water Strata Depths: 300'

13) Method to Determine Fresh Water Depths: Examine local water wells

14) Approximate Saltwater Depths: 1,100' - 2,000'

15) Approximate Coal Seam Depths: Multiple, thin, non-commercial seams 1,300' - 1,800'

16) Approximate Depth to Possible Void (coal mine, karst, other): None known

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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JAN 2 2018

WV Department of
Environmental Protection

WW-6B
(04/15)

API NO. 47- 95 - 02128F
 OPERATOR WELL NO. 1300
 Well Pad Name: Stewart Winland

18)

CASING AND TUBING PROGRAM

| TYPE | <u>Size (in)</u> | <u>New or Used</u> | <u>Grade</u> | <u>Weight per ft. (lb/ft)</u> | <u>FOOTAGE: For Drilling (ft)</u> | <u>INTERVALS: Left in Well (ft)</u> | <u>CEMENT: Fill-up (Cu. Ft.)/CTS</u> |
|--------------|------------------|--------------------|--------------|-------------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Conductor | 26" | New | A-500 | 85 ppf | 100' exist / | 100' | Cement to surface |
| Fresh Water | 20" | New | J-55 | 94 ppf | 622' exist / | 622' | Cement to Surface |
| Coal | 13 3/8" | New | J-55 | 61 ppf | 3,006' exist / | 3,006' | Cement to Surface |
| Intermediate | 9 5/8" | New | HCP-110 | 43.5 ppf | 9,658' exist / | 9,658' | @ 2,800 Ft. |
| Production | 5 1/2" | New | P-110 | 23 ppf | 16,800' exist / | 16,800' | Cement to Surface |
| Tubing | 2 3/8" | New | p-110 | 4.7 ppf | N/A | N/A | N/A |
| Liners | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

DWH 12/27/17

| TYPE | <u>Size (in)</u> | <u>Wellbore Diameter (in)</u> | <u>Wall Thickness (in)</u> | <u>Burst Pressure (psi)</u> | <u>Anticipated Max. Internal Pressure (psi)</u> | <u>Cement Type</u> | <u>Cement Yield (cu. ft./k)</u> |
|--------------|------------------|-------------------------------|----------------------------|-----------------------------|---|--------------------|---------------------------------|
| Conductor | 26" | 30" | .375" | N/A | 0 | Class A | 1.18 cu.ft./sk |
| Fresh Water | 20" | 24" | .438" | 2,110 | 750 | Class A | 1.20 cu.ft./sk |
| Coal | 13 3/8" | 17 1/2" | .480" | 3,090 | 750 | Class A | 1.19 cu.ft./sk |
| Intermediate | 9 5/8" | 12 1/4" | .435" | 8,700 | 1750 | Class A | 1.18-3.0 cu.ft./sk |
| Production | 5 1/2" | 8 1/2" | .415" | 16,800 | 9000 | Class A & H | 1.51-2.08 cu.ft./sk |
| Tubing | 2 3/8" | 4 3/4" | .380" | 7,700 | 3000 | N/A | N/A |
| Liners | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

PACKERS

| | | | | |
|-------------|-----|--|--|--|
| Kind: | N/A | | | |
| Sizes: | N/A | | | |
| Depths Set: | N/A | | | |

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WW-6B
(10/14)

API NO. 47-95 - 02128F
OPERATOR WELL NO. 1300
Well Pad Name: Stewart Winland

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

N/A

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate: *DWH 12/27/17*

SEE ATTACHMENT: II-B

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 0 acres

22) Area to be disturbed for well pad only, less access road (acres): 0 acres

23) Describe centralizer placement for each casing string:

N/A

24) Describe all cement additives associated with each cement type:

N/A

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25) Proposed borehole conditioning procedures:

N/A

*Note: Attach additional sheets as needed.

(WW-6B)

ATTACHMENT: I-B

#19 Proposed Well Work:

Re-complete a horizontal Point Pleasant Shale Well.

5. Run Cased-hole logs (Gamma-Ray, CCL, Bond).
7. Open toe sleeve and establish 15 BPM pump rate.
8. Perforate and stimulate multiple stages in Point Pleasant lateral section.
 - a. Perforations per stage = sixty to seventy
 - b. Average stage length = one hundred fifty feet
9. Clean-out 5 ½" production casing using a coil tubing rig or a work over rig and snubbing unit.
10. Flow test well for seven to ten days to clean up wellbore and determine overall productivity.
11. Turn well into production.

DWH 12/27/17

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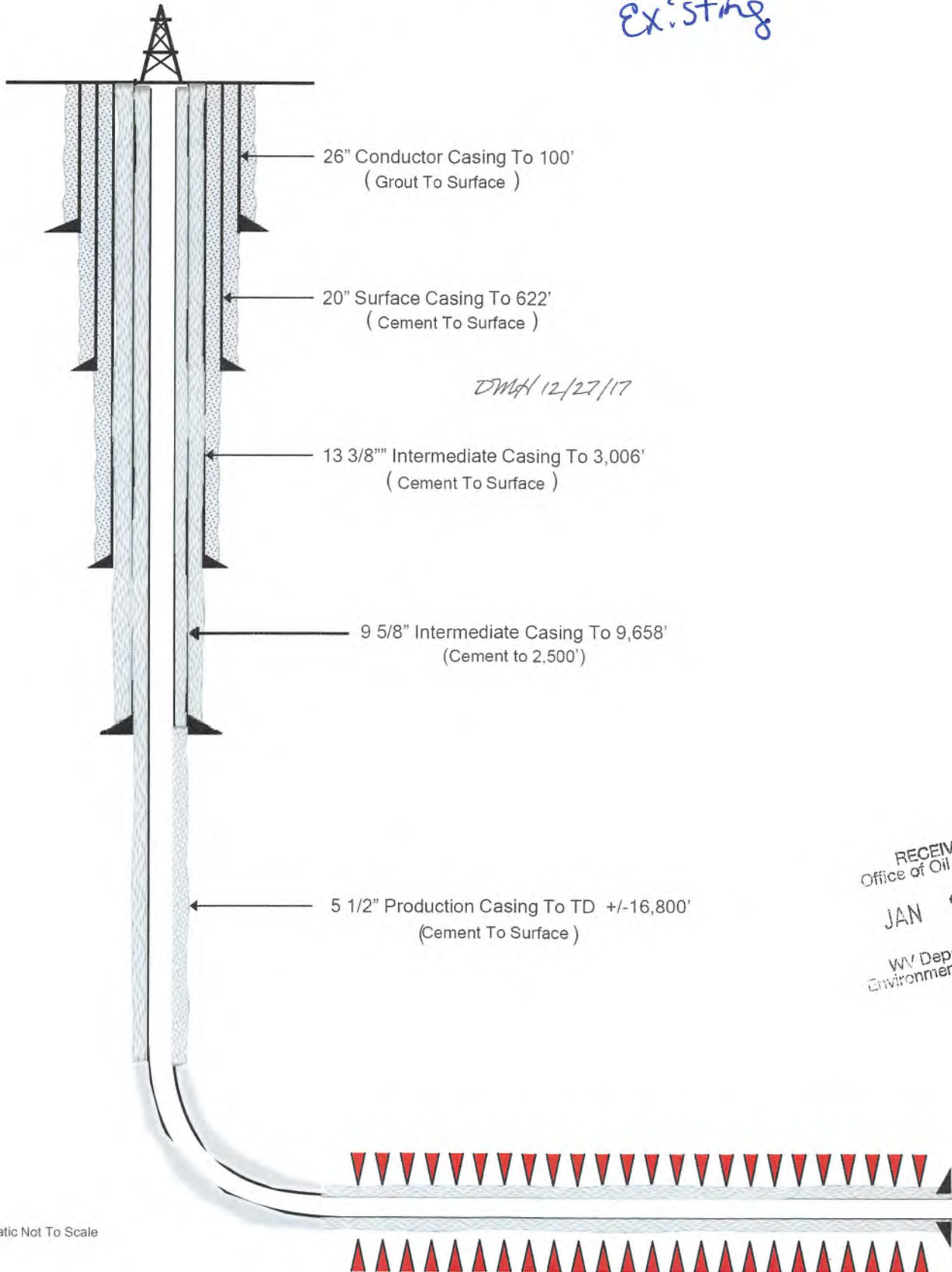
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Triad Hunter, LLC

Stewart Winland 1300
UTICA SHALE WELLBORE SCHEMATIC*

Existing



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* Schematic Not To Scale



Date

(Conventional Well Operator)
(address)
(address)

RE: Stewart Winland Hydraulic Fracturing Notice

To whom it may concern,

Triad Hunter has developed a Marcellus and Utica pad (Stewart Winland pad) located in Tyler County, WV. As an owner or operator of conventional natural gas wells in this area, we are requesting your assistance in this matter.

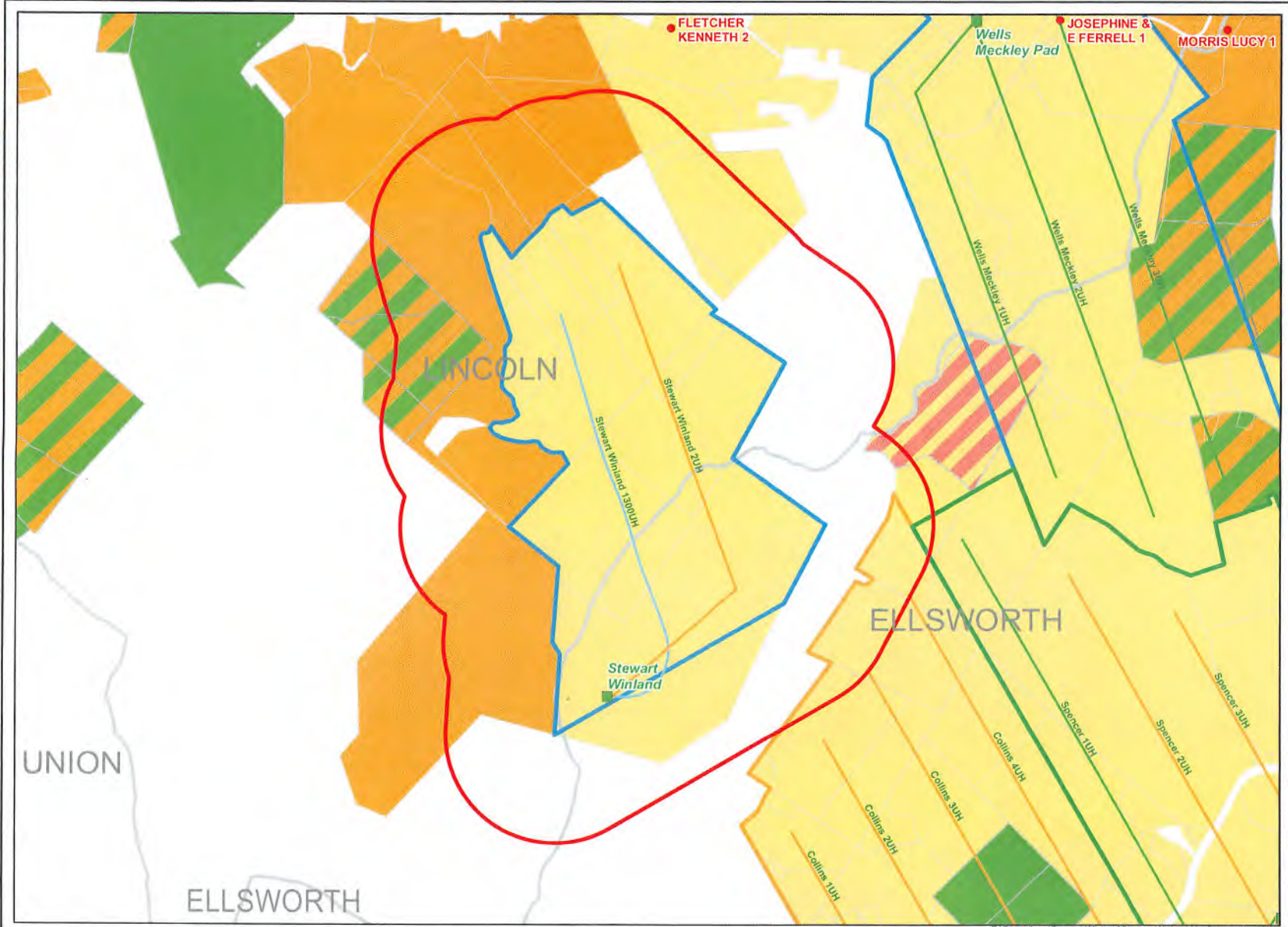
Due

Should you have any questions please call me at 740-760-0558.

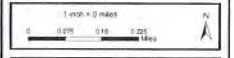
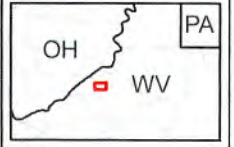
Thank you,

Will Harless
Supervisor Regulatory Operations

05-02128F



Blue Ridge Mountain Resources, Inc.
 Stewart Winland U Unit
 Conventional Wells
 w/in 1,500'
 Date: 12/22/2017 Author: Matt Anderson
 Coordinate System:
 NAD 1983 StatePlane West Virginia North FIPS 4701 F.m



- Legend**
- Pad Site
 - Industry Well
 - 1,500' Buffer
 - Leasehold**
 - BRMR
 - Competitors**
 - Antero
 - EOT
 - Open
 - Triad Units**
 - Drilled
 - Proposed
 - Preliminary
 - Triad Laterals**
 - Drilled
 - Proposed
 - Preliminary



WW-9
(9/13)

API Number 47 - 95 - 02128 F
Operator's Well No. Stewart Winland 1300

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Triad Hunter, LLC OP Code 494494833

Watershed (HUC 10) Middle Island Creek Quadrangle Paden City

Elevation 904' County Tyler District Ellsworth

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 387 Ohio Disposal Well, 34-121-3995)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

JPB
12/27/2017

Will closed loop system be used? If so, describe: Yes, cuttings fluids+gases are separated through a series of vessels. Cuttings are then solidified in debris boxes and hauled to landfill.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Top Hole-Air Drilled, Lateral-Syn Mud *Existing*

-If oil based, what type? Synthetic, petroleum, etc. Synthetic

Additives to be used in drilling medium? See Attachment I-A: Drilling Additives List

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? Wetzel County Landfill, SWPU ID 12-10-45

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

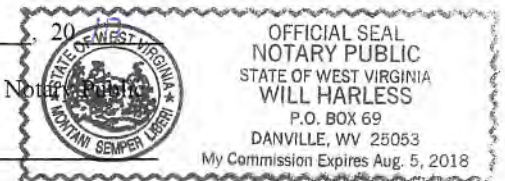
Company Official Signature *Mike Horan*
Company Official (Typed Name) Mike Horan
Company Official Title Operations Manager Conventional/Infrastructure

Office of Oil and Gas
JAN 2 2018
WV Department of Environmental Protection

Subscribed and sworn before me this 21 day of December

Will Harless

My commission expires Aug. 5, 2018



Form WW-9

Operator's Well No. Stewart Winland 1300

Triad Hunter, LLC

Proposed Revegetation Treatment: Acres Disturbed 5.5 Prevegetation pH 6-7

Lime 2-5 Tons/acre or to correct to pH 6.0-7.0

Fertilizer type _____

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

| Seed Type | lbs/acre | Seed Type | lbs/acre |
|----------------------|----------|-------------------|----------|
| Common Orchard Grass | 30% | Same as temporary | |
| Perennial Rye | 35% | | |
| Medium Red Clover | 25% | | |
| Common Timothy | 10% | | |

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

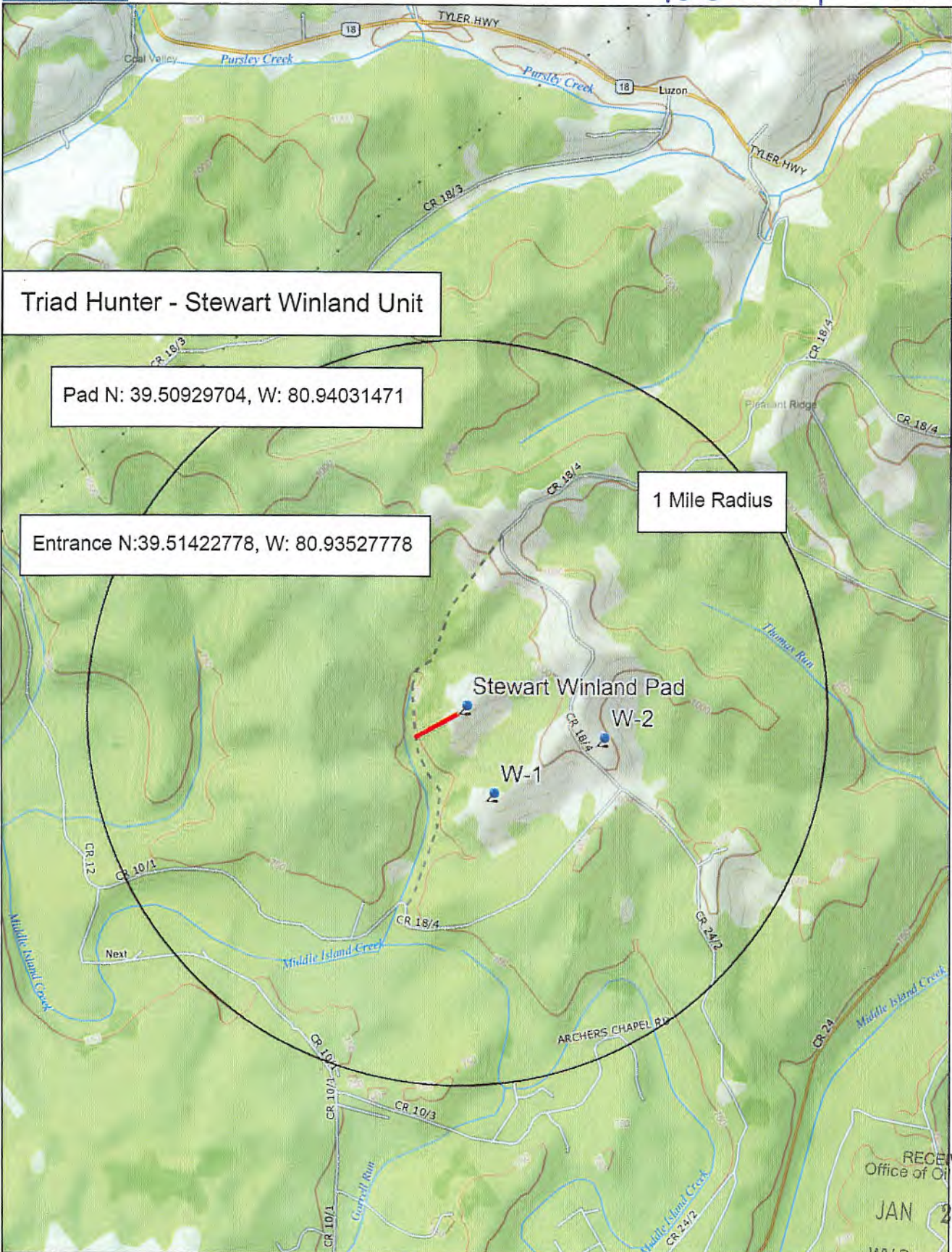
Plan Approved by: [Signature]

Comments: _____

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Title: Oil & Gas Inspector Date: 12/27/2017

Field Reviewed? () Yes () No



Triad Hunter - Stewart Winland Unit

Pad N: 39.50929704, W: 80.94031471

Entrance N:39.51422778, W: 80.93527778

1 Mile Radius

Stewart Winland Pad W-2

W-1

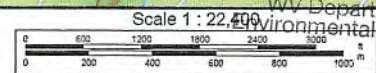
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WV Department of Environmental Protection

Data use subject to license.

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www.delorme.com



1" = 1,866.7 ft

Data Zoom 13-2

Scale 1 : 22,400

STEWART - WINLAND 1300 WELL PLAT

6665'
7801' TO BOTTOM HOLE
LATITUDE 39°32'30"

11784'
6066' TO BOTTOM HOLE
LONGITUDE 80°55'00"

NOTES:
1. TWO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL
2. THE ONLY DEEP WELL WITHIN 3000' IS 095-02128



BOTTOM HOLE
+ 2UH

TOP HOLE
+ 2UH

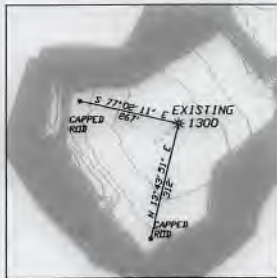
| |
|---|
| SURFACE LOC. |
| UTM 17-NAD 83 METERS N: 4373313.93' E: 505149.59' |
| NAD 83 LAT: 39.50944047 LON: 80.94009839 |
| LANDING POINT LOC. |
| UTM 17-NAD 83 METERS N: 4373493.59' E: 505396.48' |
| NAD 83 LAT: 39.51105780 LON: 80.93722502 |
| BOTTOM HOLE LOC. |
| UTM 17-NAD 83 METERS N: 4375054.84' E: 504798.46' |
| NAD 83 LAT: 39.52512903 LON: 80.94417026 |

| | |
|---------------|----------------|
| LEGEND | |
| + | TOPD MAP POINT |
| ⊕ | EXISTING WELLS |
| — | MINERAL TRACT |
| - - - | UNIT BOUNDARY |
| - - - | PARCEL LINES |
| ☀ | PROPOSED WELL |
| — | ROAD |
| — | STREAM |

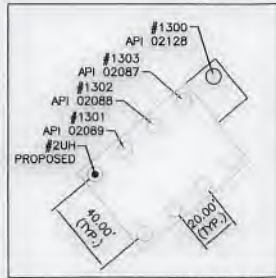
SURVEY NOTES:

1. THIS IS A VOLUNTARILY POOLED UNIT
2. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF PROPOSED WELL.
3. THERE ARE NO EXISTING BUILDINGS WITHIN 625' OF PROPOSED WELL.
4. PROPOSED WELL IS GREATER THAN 100' FROM PERENNIAL STREAM, WETLAND, POND, RESERVOIR, OR LAKE.
5. THERE ARE NO NATIVE TROUT STREAMS WITHIN 300' OF PROPOSED WELL.
6. PROPOSED WELL IS GREATER THAN 1000' FROM SURFACE/GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY
7. IT IS NOT THE INTENTION OF THIS PLAT TO REPRESENT SURVEYED LOCATIONS OF THE SURFACE OR MINERAL PARCELS DEPICTED HEREIN. 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.

WELLS DETAIL
SCALE: 1"=2000'



REFERENCE/PAD DETAIL



PAD LAYOUT

ROYALTY OWNER DETAIL

| TAX MAP - PARCEL | LESSOR | UNIT ACRES |
|------------------|------------------------|-------------------|
| TM 12 PCL 52.1 | JAMES D HILLARD ET AL | 3.450 AC |
| TM 12 PCL 53 | WALTER J WEST | 18.330 AC |
| TM 12 PCL 53.2 | DAVID STARCHER ET AL | 11.969 AC |
| TM 12 PCL 53.3 | WALTER J WEST | 9.044 AC |
| TM 12 PCL 53.6 | JAMES D HILLARD ET AL | 27.262 AC |
| TM 12 PCL 53.7 | JOHN BACKEL ET AL | 10.009 AC |
| TM 12 PCL 67 | LESLIE R TENNANT ET AL | 54.069 AC |
| TM 12 PCL 68 | DAVID STARCHER ET AL | 51.410 AC |
| TM 12 PCL 69 | DAVID STARCHER ET AL | 10.000 AC |
| TM 12 PCL 70 | JERRY STARKEY ET AL | 53.243 AC |
| TM 13 PCL 1 | JAMES STEWART ET AL | 160.395 AC |
| TM 15 PCL 20 | JAMES STEWART ET AL | 65.000 AC |
| TOTAL | | 474.181 AC |



Architects • Engineers • Surveyors

11283 EMERSON AVENUE, PARKERSBURG, WV 26104
(304) 464-5305 PICKERING USA.COM

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: _____ PS# 2141



FILE#: 2156636
DRAWING#: TRH-STEWART WINLAND
SCALE: 1"=2000'
ACCURACY: 1/2500
ELEVATION: OPUS SOLUTION
DATE: 10/5/15 REV. 12/22/17

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP OPERATOR'S WELL#: **STEW-WIN 1300**
 GAS LIQUID INJECTION STORAGE SHALLOW API WELL#: 47 095 02128
 WATERSHED: ALLEN RUN OF MIDDLE ISLAND CREEK STATE COUNTY PERMIT
 COUNTY/DISTRICT: TYLER/ELLSWORTH QUADRANGLE: PADEN CITY
 SURFACE OWNER: STEWART JAMES L & MARTHA JO ACREAGE: 194.04AC
 ROYALTY OWNERS: SEE ROYALTY OWNERS DETAIL ACREAGE: SEE ROYALTY OWNERS DETAIL



DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON

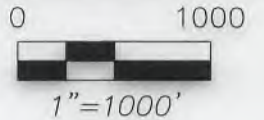
PAD ELEVATION 903' CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
 TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD. 10826' ± MD. 16800' ±

WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY ARNOLD
 ADDRESS 125 PUTNAM ST. ADDRESS PO BOX 154
 CITY MARIETTA STATE OH ZIP CODE 45750 CITY WAVERLY STATE WV ZIP CODE 26184

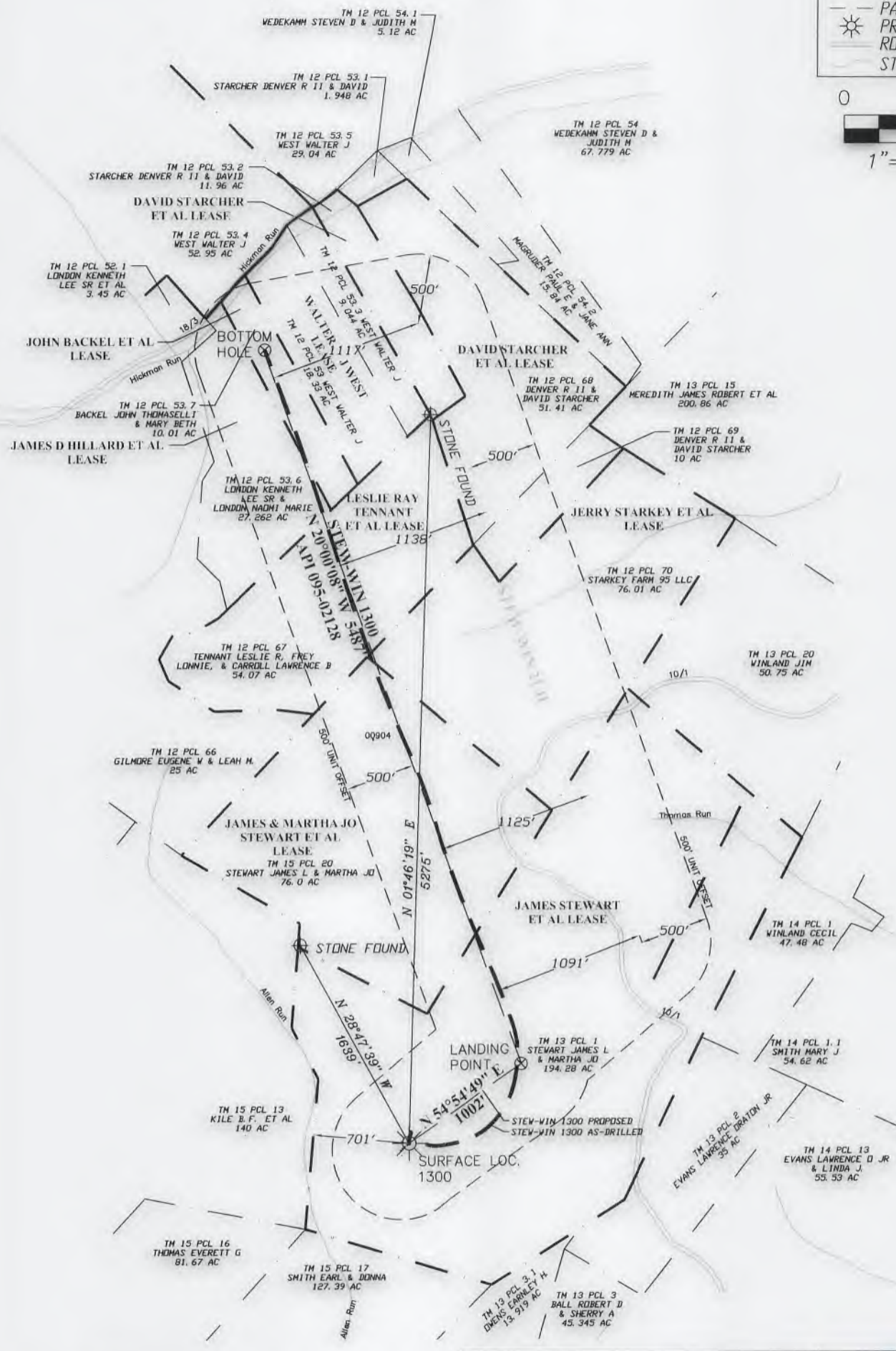
STEWART - WINLAND 1300 WELL PLAT

LEGEND

- TOPO MAP POINT
- EXISTING WELLS
- MINERAL TRACT
- UNIT BOUNDARY
- PARCEL LINES
- PROPOSED WELL
- ROAD
- STREAM



WV NORTH



SURVEY NOTES:

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PICKERING ASSOCIATES
Architects • Engineers • Surveyors
11283 EMERSON AVENUE
PARKERSBURG, WV 26104
(304) 464-5305 PICKERING USA.COM

API WELL#: 47-095-02128 F
STATE COUNTY PERMIT
OPERATOR'S WELL#: STEW-WIN 1300

WELL OPERATOR TRIAD HUNTER, LLC. ADDRESS 125 PUTNAM ST. MARRIETTA OH 45750 DATE: 10/5/15
DESIGNATED AGENT KIMBERLY ARNOLD ADDRESS PO BOX 154 WAVERLY WV 26184 REVISED: 12/22/17

WW-6A1
(5/13)

Operator's Well No. 1300

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Lease Name or Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
|----------------------|-----------------------|-----------------------|---------|-----------|
|----------------------|-----------------------|-----------------------|---------|-----------|

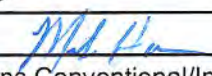
Please see attached sheets

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Triad Hunter, LLC
 By: Mike Horan 
 Its: Manager Operations Conventional/Infrastructure

Form WW6A1 - List of Lessors
Stewart-Winland 1300

| Lease Number | Lessor | Lessee | Lessor's Address | Lease Recording Data | Tax Map/Parcel Number of Parcel(s) in Unit | Royalty | Lease Date |
|--------------|--|-------------------|--|----------------------|--|--------------|------------|
| LSE250STE11 | James & Martha Stewart | Triad Hunter, LLC | 1134 GOLD RING RD, SISTERSVILLE, WV 26175 | Book 373 Page 800 | 2-13-1 | At least 1/8 | 4/13/2010 |
| LSE250WIN8 | James Winland | Triad Hunter, LLC | 682 GOLD RING RD, SISTERSVILLE, WV 26175 | Book 373 Page 809 | 2-13-1 | At least 1/8 | 4/13/2010 |
| LSE250MEA2 | Joel L. Meadows | Triad Hunter, LLC | 7838 Woodchase Dr., Cordova, Tn 38016 | Book 402 Page 291 | 2-13-1 | At least 1/8 | 5/30/2012 |
| LSE250DUN6 | Carl Dunkerley | Triad Hunter, LLC | 70 Old Stone House Road So. Carlisle PA 17015-9785 | Book 395 Page 440 | 2-13-1 | At least 1/8 | 6/3/2012 |
| LSE250FOL1 | Sandra Slie | Triad Hunter, LLC | 169 Pike Street New Martinsville WV 26155 | Book 355 Page 511 | 2-13-1 | At least 1/8 | 5/11/2012 |
| LSE250CLA7 | Shelley J. Clapper | Triad Hunter, LLC | 5701 Riverdale Rd. Bolivar, OH 44612 | Book 391 Page 491 | p/o 2-13-1 | At least 1/8 | 12/15/2011 |
| LSE250TR12 | Triad Hunter, LLC | | 125 Putnam St. Marietta, OH 45750 | Book 439 Page 410 | p/o 2-13-1 | At least 1/8 | 3/6/2014 |
| LSE250STA35 | Christina Starkey, Trustee of Starkey Family Trust | Triad Hunter, LLC | 1141 Labelle Vista SE Fort Meyers, FL 33905 | Book 393 Page 821 | p/o 2-13-1 | At least 1/8 | 2/4/2012 |

**Form WW6A1 - List of Lessors
Stewart-Winland 1300**

| | | | | | | | |
|-------------|------------------------------|-------------------|---|-------------------|------------|--------------|-----------|
| LSE250STA20 | Lynn Starkey | Triad Hunter, LLC | 312 S. Chelsea St. Sistersville, WV 26175 | Book 384 Page 482 | p/o 2-13-1 | At least 1/8 | 5/4/2011 |
| LSE250STA17 | Nancy Starkey | Triad Hunter, LLC | 5500 Oak Summit Ct. Winston Salem, NC 27105 | Book 383 Page 253 | p/o 2-13-1 | At least 1/8 | 4/4/2011 |
| LSE250STA24 | Daniel Starkey | Triad Hunter, LLC | 2162 Sterling Cove Blvd Panama City Beach, FL 32408 | Book 385 Page 503 | p/o 2-13-1 | At least 1/8 | 4/23/2011 |
| LSE250STA26 | Ralph E. Starkey | Triad Hunter, LLC | PO box 858 New Haven, WV 25265 | Book 385 Page 584 | p/o 2-13-1 | At least 1/8 | 5/23/2011 |
| LSE250STA30 | Mark Starkey | Triad Hunter, LLC | 601 Oil ridge Rd. Sistersville, WV 26175 | Book 387 Page 190 | p/o 2-13-1 | At least 1/8 | 7/13/2011 |
| LSE250GRE5 | Donald L. Greathouse | Triad Hunter, LLC | 410 E. Charles St. Sistersville, WV 26175 | Book 385 Page 542 | p/o 2-13-1 | At least 1/8 | 6/8/2011 |
| LSE250WHI4 | Julie Whittington | Triad Hunter, LLC | 915 15th St.Parkersburg, WV 26101 | Book 385 Page 523 | p/o 2-13-1 | At least 1/8 | 6/11/2011 |
| LSE250HOW15 | Carol Howard | Triad Hunter, LLC | 119 Covington Street Mingo Junction, OH 43938 | Book 382 Page 838 | p/o 2-13-1 | At least 1/8 | 3/18/2011 |
| LSE250HOW16 | James Howard and Gail Howard | Triad Hunter, LLC | 227 S. Railroad Avenue, Sistersville WV 26175 | Book 382 Page 811 | p/o 2-13-1 | At least 1/8 | 3/11/2011 |

Form WW6A1 - List of Lessors
Stewart-Winland 1300

| | | | | | | | |
|------------------|---|-------------------|--|-------------------|------------|--------------|-----------|
| LSE250RIN2 | Judith K. Rine and Karl E. I Rine | Triad Hunter, LLC | Route 1 Box 26 Middlebourne, WV 26149 | Book 383 Page 137 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250MYE13 | Joseph L. Myers and Eva J. Myers | Triad Hunter, LLC | 862 Hickory Tree Road Bristol, TN 37620 | Book 383 Page 259 | p/o 2-13-1 | At least 1/8 | 4/3/2011 |
| LSE250THO28 | Janet T. Thompson and Ronald E. Thompson | Triad Hunter, LLC | HC 62 Box 118 Lima, WV 26377 | Book 383 Page 131 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250MYE12 | John W. Myers | Triad Hunter, LLC | Route 1 Box 30 Middlebourne WV 26149 | Book 383 Page 122 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250NAS1 | Leslie B. Nash and Roger B. Nash | Triad Hunter, LLC | PO Box 465 Middlebourne, WV 26149 | Book 383 Page 40 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250MYE11 | David E. Myers and Frances Kay Myers | Triad Hunter, LLC | PO Box 166 308 Dodd Street Middlebourne, WV 26149 | Book 383 Page 119 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250BOG2 | Kimberly M. Boggs | Triad Hunter, LLC | Route 1 Box 339A Middlebourne, WV 26149 | Book 383 Page 106 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250BLA1 | Sharon L. Bland | Triad Hunter, LLC | 108 S. 3rd Avenue Paden City, WV 26159 | Book 383 Page 109 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |
| LSE250WIL14 & 15 | Jerry T. Williams and LaVonne L. Williams | Triad Hunter, LLC | HC 69 Box 7 Middlebourne, WV 26149 | Book 383 Page 128 | p/o 2-13-1 | At least 1/8 | 3/13/2011 |

**Form WW6A1 - List of Lessors
Stewart-Winland 1300**

| | | | | | | | |
|-------------|--|-------------------|---|-------------------|---------|--------------|------------|
| LSE250STE9 | James & Martha Stewart | Triad Hunter, LLC | 1134 GOLD RING RD , SISTERSVILLE , WV 26175 | Book 373 Page 806 | 4-15-20 | At least 1/8 | 4/13/2010 |
| LSE250STA34 | Starkey Farm 95, LLC | Triad Hunter, LLC | 4410 Merwin StreetHouston TX 77027-6714 | Book 402 Page 300 | 4-12-70 | At least 1/8 | 10/20/2011 |
| LSE250CLA8 | Shelley J. Clapper | Triad Hunter, LLC | 5701 Riverdale Rd.Bolivar, OH 44612 | Book 393 Page 833 | 4-12-70 | At least 1/8 | 12/15/2011 |
| LSE250TRI2 | Triad Hunter, LLC | Triad Hunter, LLC | 125 Putnam St. Marietta, OH 45750 | Book 439 Page 410 | 4-12-70 | At least 1/8 | 3/6/2014 |
| LSE250STA36 | Christina Starkey, Trustee of Starkey Family Trust | Triad Hunter, LLC | 1141 Labelle Vista SE Fort Meyers, FL 33905 | Book 393 Page 822 | 4-12-70 | At least 1/8 | 2/4/2012 |
| LSE250STA19 | Lynn Starkey | Triad Hunter, LLC | 312 S. Chelsea St. Sistersville, WV 26175 | Book 384 Page 483 | 4-12-70 | At least 1/8 | 5/4/2011 |
| LSE250STA18 | Nancy Starkey | Triad Hunter, LLC | 5500 Oak Summit Ct. Winston Salem, NC 27105 | Book 383 Page 244 | 4-12-70 | At least 1/8 | 4/4/2011 |
| LSE250STA23 | Daniel Starkey | Triad Hunter, LLC | 2162 Sterling Cove Blvd Panama City Beach, FL 32408 | Book 384 Page 485 | 4-12-70 | At least 1/8 | 4/23/2011 |
| LSE250STA25 | Ralph E. Starkey | Triad Hunter, LLC | PO box 858 New Haven, WV 25265 | Book 385 Page 498 | 4-12-70 | At least 1/8 | 5/23/2011 |

**Form WW6A1 - List of Lessors
Stewart-Winland 1300**

| | | | | | | | |
|-------------|------------------------------|-------------------|--|-------------------|---------|--------------|-----------|
| LSE250STA27 | Mark Starkey | Triad Hunter, LLC | 601 Oil ridge Rd. Sistersville, WV 26175 | Book 385 Page 514 | 4-12-70 | At least 1/8 | 7/13/2011 |
| LSE250GRE4 | Donald L. Greathouse | Triad Hunter, LLC | 410 E. Charles St. Sistersville, WV 26175 | Book 385 Page 516 | 4-12-70 | At least 1/8 | 6/8/2011 |
| LSE250WHI3 | Julie Whittington | Triad Hunter, LLC | 915 15th St.Parkersburg, WV 26101 | Book 385 Page 538 | 4-12-70 | At least 1/8 | 6/11/2011 |
| LSE250HOW13 | Carol Howard | Triad Hunter, LLC | 119 Covington Street Mingo Junction, OH 43938 | Book 382 Page 835 | 4-12-70 | At least 1/8 | 3/18/2011 |
| LSE250HOW14 | James Howard and Gail Howard | Triad Hunter, LLC | 227 S. Railroad Avenue, Sistersville WV 26175 | Book 382 Page 808 | 4-12-70 | At least 1/8 | 3/11/2011 |
| LSE250TEN1 | Leslie Ray Tennant | Triad Hunter, LLC | RR 2 Box 160 Wellsburg, WV 26070 | Book 397 Page 154 | 4-12-67 | At least 1/8 | 4/6/2012 |
| LSE250CAR5 | Lawrence Carroll | Triad Hunter, LLC | 120 Carol Court Drive Wellsburg, WV 26070 | Book 397 Page 175 | 4-12-67 | At least 1/8 | 4/6/2012 |
| LSE250FRE2 | Lonnie C. Frey | Triad Hunter, LLC | HC 62 Box 42 Alma, WV 26320 | Book 397 Page 174 | 4-12-67 | At least 1/8 | 4/6/2012 |

Form WW6A1 - List of Lessors
Stewart-Winland 1300

| | | | | | | | |
|-------------|---------------------------|----------------------|--|-------------------|-----------|--------------|-----------|
| LSE250HIL5 | James and Tamara Hilliard | Triad Hunter, LLC | 500 Grandview Drive Washington, PA 15301 | Book 389 Page 76 | 4-12-53.6 | At least 1/8 | 8/31/2011 |
| LSE250BAC2 | John Backel | Triad Hunter, LLC | 121 Sharon Dr. Weirton, WV 26062 | Book 385 Page 572 | 4-12-53.7 | At least 1/8 | 5/4/2011 |
| LSE250THO32 | Mary E. Thomaselli | Triad Hunter, LLC | 48 Peyton Dr. Weirton, WV 26062 | Book 385 Page 573 | 4-12-53.7 | At least 1/8 | 5/4/2011 |

CERTIFICATE OF CONSENT AND EASEMENT

We, the undersigned, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, being all the owners of the surface of that certain lot, tract or parcel of land located in Ellsworth District, Tyler County, State of West Virginia, shown on the attached plat or survey, or hereby consent and grant an easement, pursuant to West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, to Triad Hunter, LLC., its successors or assigns, for the drilling and operation of a deep well for the production of oil or gas at the location shown on the attached plat or survey.

Executed this 25TH day of SEPTEMBER, 2013.

James A Winland

STATE OF WEST VIRGINIA

COUNTY OF TYLER To-Wit

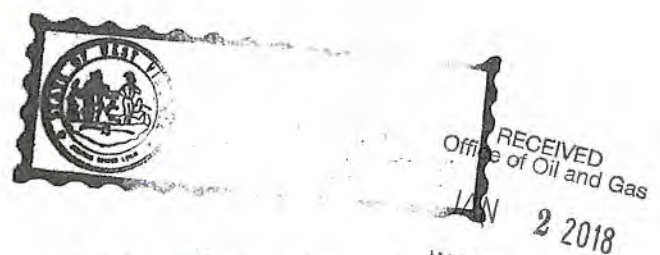
I, MICHAEL LEWIS, a Notary Public in and for the aforesaid County and State, do hereby certify that James A. Winland, whose name is signed to the writing above, bearing date on the 25TH day of SEPTEMBER, 2013, has this day acknowledged the same before me, in my said County and State.

Given under my hand this 25TH day of September, 2013.

[Signature]

My Commission expires on: 12-6-21

This instrument prepared by:
WV Oil and Gas Conservation Commission
601 57th Street
Charleston, WV 25304



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION

Date of Notice Certification: _____

API No. 47- 95 - 02128 F
Operator's Well No. 1300
Well Pad Name: Stewart Winland

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

| | |
|---------------------------------------|--|
| State: <u>West Virginia</u> | UTM NAD 83 Easting: <u>505150</u> |
| County: <u>Tyler</u> | UTM NAD 83 Northing: <u>4373314</u> |
| District: <u>Ellsworth</u> | Public Road Access: <u>State Route 18</u> |
| Quadrangle: <u>Paden City</u> | Generally used farm name: <u>Stewart/Winland</u> |
| Watershed: <u>Middle Island Creek</u> | |

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

| | |
|--|---|
| <p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input checked="" type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p style="padding-left: 100px;"><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p> | <p>OOG OFFICE USE ONLY</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p> |
|--|---|

RECEIVED
Office of Oil and Gas

Required Attachments:

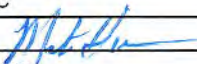
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

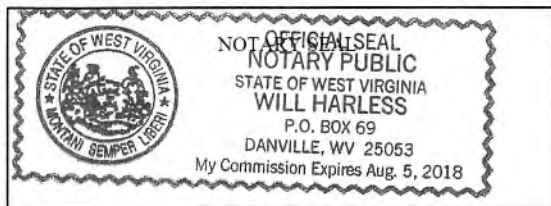
JAN 2 2018
Class II Legal
Department of
Environmental Protection

WW-6AC
(1/12)

Certification of Notice is hereby given:

THEREFORE, I _____, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | | |
|----------------|---|------------|--------------------------------|
| Well Operator: | <u>Triad Hunter, LLC</u> | Address: | <u>125 Putnam Street</u> |
| By: | <u>Mike Horan</u>  | | <u>Marietta, OH 45750</u> |
| Its: | <u>Operations Manager</u> | Facsimile: | <u>740-374-5270</u> |
| Telephone: | <u>740-868-1324</u> | Email: | <u>mhoran@brmresources.com</u> |



Subscribed and sworn before me this 21 day of December.

Will Harless Notary Public

My Commission Expires Aug. 5, 2018

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A
(9-13)

API NO. 47- 95 - 02128F
OPERATOR WELL NO. 1300
Well Pad Name: Stewart Winland

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 12/20/2017 **Date Permit Application Filed:** _____

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)
Name: James and Martha Stewart
Address: 1301 Allen Run Road
Sistersville, WV 26175

Name: James Winland
Address: 1549 Allen Run Road
Sistersville, WV 26175

SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: James and Martha Stewart
Address: 1301 Allen Run Road
Sistersville, WV 26175

Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: _____
Address: _____

COAL OPERATOR
Name: _____
Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: _____
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
JAN 2 2018
WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

RECEIVED
Office of Oil and Gas
JAN 2 2018
WV Department of Environmental Protection

WW-6A
(8-13)

API NO. 47- 95 - 02128 F
OPERATOR WELL NO. 1300
Well Pad Name: Stewart Winland

Notice is hereby given by:

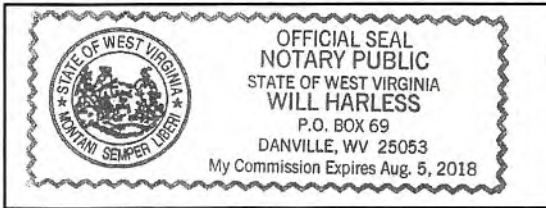
Well Operator: Triad Hunter, LLC
Telephone: 740-868-1324
Email: mhoran@brmresources.com



Address: 125 Putnam Street
Marietta, OH 45750
Facsimile: 740-374-5270

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.



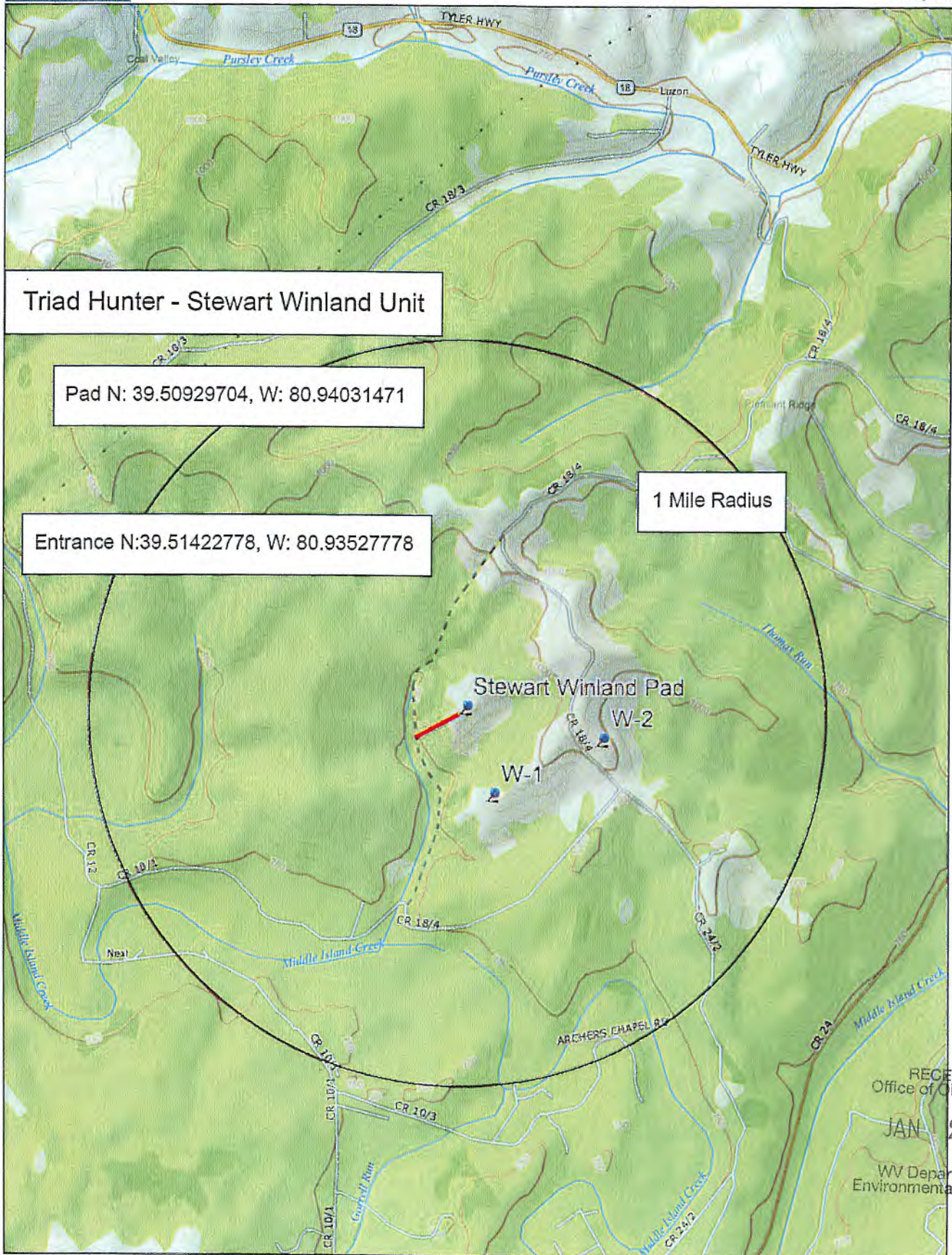
Subscribed and sworn before me this 21 day of 12, 2017.

Will Harless

Notary Public

My Commission Expires Aug. 5, 2018

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Triad Hunter - Stewart Winland Unit

Pad N: 39.50929704, W: 80.94031471

Entrance N: 39.51422778, W: 80.93527778

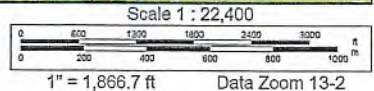
1 Mile Radius

Stewart Winland Pad
W-2

W-1

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WW-6A4
(1/12)

Operator Well No. 1300

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 12/20/2017 **Date Permit Application Filed:** _____

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: James and Martha Stewart
Address: 1301 Allen Run Road
Sistersville, WV 26175

Name: James Winland
Address: 1549 Allen Run Road
Sistersville, WV 26175

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:


| | | | |
|-------------|----------------------------|---------------------------|-------------------------|
| State: | <u>West Virginia</u> | UTM NAD 83 Easting: | <u>505150</u> |
| County: | <u>Tyler</u> | Northing: | <u>4373314</u> |
| District: | <u>Ellsworth</u> | Public Road Access: | <u>County Road 10/1</u> |
| Quadrangle: | <u>Paden City</u> | Generally used farm name: | <u>Stewart/Winland</u> |
| Watershed: | <u>Middle Island Creek</u> | | |

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Triad Hunter, LLC
Address: 125 Putnam Street
Marietta, OH 45750
Telephone: (740) 760-0558
Email: wharless@bmrresources.com
Facsimile: _____

Authorized Representative: Mike Horan 
Address: 125 Putnam Street
Marietta, OH 45750
Telephone: 740-374-2940
Email: mhoran@bmrresources.com
Facsimile: 740-374-5270

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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WW-6A5
(1/12)

Operator Well No. Stewart Winland 1300

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 12/20/2017 **Date Permit Application Filed:** _____

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

- CERTIFIED MAIL HAND
RETURN RECEIPT REQUESTED DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: James and Martha Stewart
Address: 1301 Allen Run Road
Sistersville, WV 26175

Name: James Winland
Address: 1549 Allen Run Road
Sistersville, WV 26175

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

| | | | | |
|-------------|----------------------------|---------------------------|-------------------------|----------------|
| State: | <u>West Virginia</u> | UTM NAD 83 | Easting: | <u>505150</u> |
| County: | <u>Tyler</u> | | Northing: | <u>4373314</u> |
| District: | <u>Ellsworth</u> | Public Road Access: | <u>County Road 10/1</u> | |
| Quadrangle: | <u>Paden City</u> | Generally used farm name: | <u>Stewart/Winland</u> | |
| Watershed: | <u>Middle Island Creek</u> | | | |

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Triad Hunter, LLC
Telephone: 740-374-2940
Email: wharless@brmresources.com

Address: 125 Pulnam Street
Marietta, OH 45750
Facsimile: 740-374-5270

Oil and Gas Privacy Notice:

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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
Charleston, West Virginia 25305-0430 • (304) 558-3505

Earl Ray Tomblin
Governor

Paul A. Mattox, Jr., P. E.
Secretary of Transportation/
Commissioner of Highways

February 25, 2013

James A. Martin, Chief
Office of Oil and Gas
Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Subject: DOH Permit for the Winland/Stewart Unit Well Site

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit # 06 -12-0517 previously to Triad Hunter, LLC for access to the State Road for a well site located off of Tyler County Route 107 SLS.

The operator has signed an OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Gary K. Clayton
Regional Maintenance Engineer
Central Oil & Gas Coordinator

Cc: Sam Miracle
Triad Hunter, LLC
CH, CHH, OM, D-6
File

EEO AFFIRMATIVE ACTION EMPLOYER

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JAN 25 2018

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CAS Numbers for frac additives:

1. Friction reducers, (PSC) AS-9810
 - a. Acrylamide, CAS #26100-47-0 34-40%
2. Scale inhibitor, (PSC) AS-9220
 - a. Organic phosphate, CAS #11024-99-2 10-25%
3. Flowback surfactant + iron stabilizer, (PSC) AS-9899
 - a. Ethoxylated alcohol, CAS #65439-46-3 10-15%
 - b. Stannous chloride, CAS #7772-99-8 5-10%
 - c. Sulfamic acid, CAS #5329-14-6, 5-8%
 - d. Monoethylamine CAS #141-43-5 2-6%
4. Microbiocide, One AquaSource MB-7530 (see attached MSDS, page 1)

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