**west virginia** department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 06, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-9500600, issued to TRIAD HUNTER, LLC, 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 all 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: KATE ROBERTS #4
Farm Name: CHARITY GAS CO.
**API Well Number: 47-9500600**
**Permit Type: Plugging**
Date Issued: 01/06/2014

**Promoting a healthy environment.**

95 00600 P

# PERMIT CONDITIONS

West Virginia Code § 22-6-11 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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.

2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.

3. Well work activities shall not constitute a hazard to the safety of persons.

9500600 P

WW-4B
Rev. 2/01

1) Date September 19, 2013
2) Operator's Well No. Kate Roberts # 4
3) API Well No. 47- 095 - 0600

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil X / Gas X / Liquid injection ____/ Waste disposal ____/
(If "Gas, Production ____ or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 873' Watershed Elk Fork
District Ellsworth 02 County Tyler 95 Quadrangle Porters Falls 554

6) Well Operator Triad Hunter LLC
Address 125 Putnam Street
Marietta, Ohio 45750

7) Designated Agent Kimberly Arnold
Address P.O. Box 154
Waverly, WV

8) Oil and Gas Inspector to be notified
Name Joe Taylor
Address 497 Claylick Road
Ripley, WV 25271

9) Plugging Contractor
Name
Address

10) Work Order: The work order for the manner of plugging this well is as follows:

( SEE ATTACHMENT )

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

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Office of Oil and Gas
OCT 30 2013
WV Department of Environmental Protection

Work order approved by inspector _____ Date 10-2-13

9500600P

PLUGGING PROCEEDURE

**ELK FORK FIELD**

Ellsworth District, Tyler County

1. MIRU service rig, dig flow back pit, and remove pumping unit if necessary.
2. Pull tubing and rods OOH and clean hole to total depth. (2")
3. ★ 2a. → Run 2 3/8" 8rnd tubing to the base of the shot hole or pay zone, OR ABOVE PACKER.
4. **Mix/Pump 75 sacks Class A Cement, ¼ lb. flocele/sk., 1% CaCl**, through the tubing into the shot hole **( Plug # 1 – 88.5 cu.ft. ).**
5. Pull tubing up to 1,000 feet and shut down for the day.
6. Lower tubing and tag the top of the cement plug. Mix additional cement to cover the shot hole if necessary.
7. Pull casing (~~5 3/16~~", 6 ¼", ~~6 5/8"~~ )OOH, or cut-off / shoot apart casing around 500 feet above the Keener Formation or pay zone and pull it OOH.
8. RIH with 2 3/8" 8rnd tubing to the top of the cut-off casing or 500 feet above the Keener Fm./pay-zone.
9. **Mix/Pump 60 sacks Class A Cement, ¼ lb. flocele/sk., 1% CaCl** through the tubing into the annulus **( Plug # 2 – 68 cu.ft., 200' lin. ft. ).**
10. Pull tubing up-hole to set surface hole plug as follows: ( Assume Hole Size = 10" )

| ( Elevation ) | (Plug Depth ) | ( Cement Required ) | ( Cubic Feet ) |
|---|---|---|---|
| Below 800 feet | 100' | 50 sacks | 54.5 |
| ★ – 800' to 900' | 150' | 70 sacks | 82.0 |
| 900' to 1,000' | 200' | 95 sacks | 109.0 |
| Over 1,000 feet | 250' | 116 sacks | 136.5 |

11. **Mix/Pump ( Plug # 3 ) the surface hole plug with Class A Cement, ¼ lb. flocele/sk., 1% CaCl,** through the tubing until cement is circulated to surface. Pull tubing OOH.
12. **Top load hole with Class A Cement** and install monument casing so that it is 3' above ground level.
13. Weld identification plate on monument pipe and fill monument pipe with Class A Cement.
14. RDMO service rig and surface equipment.
15. Reclaim well site and lease road.

Note! Mix / Pump gel spacers between all cement plugs.

★ 2a. RELEASE PACKER AND PULL 4¼" OUT OF HOLE OR SHOOT/CUT 4¼" ABOVE PACKER AND TRIP 4¼" OUT OF HOLE.

★ SET ELEVATION PLUG WITH CLASS A CEMENT WITH NO MORE THAN 3% $CaCl_2$ AND NO OTHER ADDITIVES FROM 923' – 823'.

JWM

10-2-13

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Environmental Protection

9500600P

47-095-0600

Elev. 873

H.No.1971

LEASE NO. 772 ACRES 47 FARM NAME Kate Roberts WELL NO. 4

N. 7 S. E. W. 13

Civil District Ellsworth
County Tyler
State W.Va.
GAS OIL Rights Owned By

Location Made
Rig Completed
Dr'g Commenced 7-21-97
Dr'g Completed 8-19-97
Dr'g Contractor

Purchased From H.C.&R.
Date Purchased 3-1-43
Sold To
Date Sold
Date Abandoned

## FORMATION

| Kind | Top | Bottom | Steel Line Meas. | Tests |
|---|---|---|---|---|
| Oil | 1775 | | | |
| Gas | 1760 | | | |
| Total Depth | | 1790 | | |

Hole Bridged 1686'10" SLM. (Fletcher)
Tbg Rerun Left out 5 Jts Bbl + Anchor (105.70')

## CASING RECORD

| Size | Bottom Casing Steel Line | Put in Well Tally Meas. | Pulled Tally Meas. | Cemented |
|---|---|---|---|---|
| 10" | | 55 | 55 | Date |
| 8¼" | | 1020 | 1020 | Size Csg. |
| 6¼" | | 1695 | | Top " |
| 4¼" | | 1183 | | Bot. " |
| 2"Tbg. | | 1780 | | |

## PACKERS AND SHOES

| Kind | Size | Depth Set | Date Set |
|---|---|---|---|
| H.W.Packer | 6¼"x5" | 1183 | 8-18-21 |

## TORPEDO RECORD

| Date | No. Qts. | Size Shell | Top Shot | Bottom | Results |
|---|---|---|---|---|---|
| 8-21-97 | 5 | | | | |
| 10-12-97 | 20 | | | | |
| 7-8-98 | 60 | | | | |
| 6-11-29 | 20 | | 1773 | 1787 | |

## DRILLING DEEPER

| Commenced | Completed | Original Depth | Final Depth | Contractor |
|---|---|---|---|---|
| | | | | |

## ABANDONMENT RECORD

| Filled With | From | To | PLUG Size | PLUG Kind | PLUG Depth |
|---|---|---|---|---|---|
| | | | | | |

Initial Prod. Sand ★ At Completion ★ 30 Days After ★
Oil Keener
Gas

APPROVED Supt.

★ Oil in Barrels
★ Gas in M. Cu. Ft.

TESTS, REPORTS AND REMARKS ON REVERSE SIDE

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95 00600P

( Well Information )

**ELK FORK FIELD**

Permit Number : 47-095-0600 Well Name : Kate Roberts #4

District : Ellsworth County : Tyler

Date Drilled : August / 1897 Total Depth : 1790' Elevation : 873'

Producing Zone : Keener Shot Hole Depth : 1773'-1787'

Casing Depths : 10" 55' P 8 ¼" 1020' P Tubing Depth : 2" 1780'

6 5/8" _____ 6 ¼" 1695'

5 3/16" _____ 4 ~~7/8~~ 1/4" 1183'

Remarks : 4¼" set on H.W. Packer

Gas @ 1760', Oil @ 1775'
(-887)

( shot 4 times )

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"Pipeline"

Select County: (095) Tyler

Enter Permit #: 0600

Get Data | Reset

Select datatypes: (Check All)

- Location
- Production
- Plugging
- Owner/Completion
- Stratigraphy
- Sample
- Pay/Show/Water
- Logs
- Btm Hole Loc

Table Descriptions
County Code Translations
Permit Numbering Series
Usage Notes
Contact Information
Disclaimer
WVGES Main
"Pipeline-Plus" New

WV Geological & Economic Survey:

**Well: County = 95 Permit = 0600**

Report Time: Thursday, February 14, 2013 4:30:43 PM

Location Information: View Map

| API | COUNTY | PERMIT | TAX_DISTRICT | QUAD_75 | QUAD_15 | LAT_DD | LON_DD | UTME | UTMN |
|---|---|---|---|---|---|---|---|---|---|
| 4709500600 | Tyler | 600 | unknown | unknown | unknown | | | | |

There is no Bottom Hole Location data for this well

Owner Information:

| API | CMP_DT | SUFFIX | STATUS | SURFACE_OWNER | WELL_NUM | CO_NUM | LEASE | LEASE_NUM | MINERAL_OWN | OPERATOR | PROP_VD | PROP_TRGT_FM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4709500600 | -/-/- | Original Loc | Completed | Kate Roberts 4 | | | | | | Pennzoil Company | | |

Completion Information:

| API | CMP_DT | SPUD_DT | ELEV | DATUM | FIELD | DEEPEST_FM | DEEPEST_FMT | INITIAL_CLASS | FINAL_CLASS | TYPE | RIG | CMP_MTHD | TVD | TMD | NEW_FTG | G_BEF | G_AFT | O_BEF | O_AFT | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4709500600 | -/-/- | -/-/- | | | Unnamed | | | unclassified | unclassified | not available | unknown | unknown | | | 0 | 0 | 0 | 0 | 0 | |

There is no Pay data for this well

Production Gas Information:

| API | OPERATOR | PRD_YEAR | ANN_GAS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4709500600 | Pennzoil Company | 1981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Pennzoil Company | 1982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Pennzoil Company | 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Triad Resources, Inc. | 2001 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Triad Resources, Inc. | 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Triad Resources, Inc. | 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Production Oil Information:

| API | OPERATOR | PRD_YEAR | ANN_OIL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4709500600 | Pennzoil Company | 1981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Pennzoil Company | 1982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Pennzoil Company | 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Triad Resources, Inc. | 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Triad Resources, Inc. | 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4709500600 | Triad Resources, Inc. | 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

CK 27699
100 00

9500600P

WW-4A
Revised 6-07

1) Date: September 19, 2013
2) Operator's Well Number
Kate Roberts # 4

3) API Well No.: 47 - 095 - 0600

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**
**NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served:
(a) Name Charity Gas Co.
Address RR 3 Box 62
Salem, WV 26426

(b) Name
Address

(c) Name
Address

6) Inspector Joe Taylor
Address 497 Claylick Road
Ripley, WV 25271
Telephone ( 304 ) 380-7469

5) (a) Coal Operator
Name N/A
Address

(b) Coal Owner(s) with Declaration
Name N/A
Address

Name
Address

(c) Coal Lessee with Declaration
Name N/A
Address

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Triad Hunter LLC
By: Rocky Roberts
Its: Senior VP Appalachian Operations
Address 125 Putnam Street
Marietta, Ohio 45750
Telephone ( 740 ) 374-2940

Subscribed and sworn before me this 24th day of September, 2013
Elizabeth R. Jeby Notary Public
My Commission Expires 2-29-16

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Office of Oil and Gas
OCT 30 2013
WV Department of Environmental Protection

**Oil and Gas Privacy Notice**

**The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.**

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7006 0100 0003 5664 1423

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| Certified Fee | |
| Return Receipt Fee (Endorsement Required) | |
| Restricted Delivery Fee (Endorsement Required) | |
| Total Postage & Fees | $ |

Postmark Here

MARIETTA OH 45750
OCT -9 2003
USPS

Sent To Chanty Gas Co.
Street, Apt. No.; or PO Box No. RR3 Box 602
City, State, ZIP+4 Salem, WV 26426

PS Form 3800, June 2002 See Reverse for Instructions

9500600P

# SURFACE OWNER WAIVER

Operator's Well Number Kate Roberts # 4

## INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

**WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

## VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

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Office of Oil and Gas
OCT 30 2013
WV Department of Environmental Protection

FOR EXECUTION BY A NATURAL PERSON ETC.

_____ Date _____
Signature

FOR EXECUTION BY A CORPORATION,

Name CHARITY GAS INC
By [signature]
Its President Date 10/17/13

Signature Date

9500600P

WW-9
Rev. 5/08


API Number 47 - 095 - 0600
Operator's Well No. Kate Roberts # 4

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Triad Hunter LLC OP Code _____

Watershed Elk Fork Quadrangle Porters Falls

Elevation 873' ( GPS 871' ) County Tyler District Ellsworth

Description of anticipated Pit Waste: saltwater, oil, gel, and freshwater

Will a synthetic liner be used in the pit? yes 20mil.

Proposed Disposal Method For Treated Pit Wastes:

- ____ Land Application
- X Underground Injection ( UIC Permit Number UIC # 2D0855151 )
- ____ Reuse (at API Number ____ )
- ____ Off Site Dispposal (Supply form WW-9 for disposal location)
- ____ Other (Explain ____

Proposed Work For Which Pit Will Be Used:

- ____ Drilling
- ____ Swabbing
- ____ Workover
- X Plugging
- ____ Other (Explain ____

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 [signature]

Company Official (Typed Name) Rocky Roberts

Company Official Title Senior VP Appalachian Operations

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OCT 30 2013
WV Department of
Environmental Protection

Subscribed and sworn before me this 24th day of September, 20 13

Elizabeth R. Tebay Notory Public

NOTARIAL SEAL STATE OF OHIO

ELIZABETH R. TEBAY
NOTARY PUBLIC
In and For The State of Ohio
My Commission Expires
Dec 29/16

My commission expires 2-29-16

9500600P

Form WW-9

Operator's Well No. Kate Roberts # 4

LEGEND

Property Boundary
Road
Existing Fence
Planned Fence
Stream
Open Ditch
Rock
North N
Buildings
Water wells W
Drill site

Diversion
Spring
Wet Spot
Drain Pipe with size in inches 12
Waterway
Cross Drain
Artificial Filter Strip
Pit: cut walls
Pit: compacted fill walls
Area for Land Application of Pit Waste

Proposed Revegetation Treatment: Acres Disturbed One +/- Prevegetation pH 5.5

Lime Two (2) Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 600 lbs/acre (500 lbs minimum)

Mulch 90 - 100 bales / acre Tons/acre

Seed Mixtures

| Area I Seed Type | lbs/acre | Area II Seed Type | lbs/acre |
|---|---|---|---|
| Orchard Grass | 30% | Orchard Grass | 30% |
| Rye ( Annual & BT ) | 35% | Rye ( Annual & BT ) | 35% |
| Timothy ( Climax ) | 25% | Timothy ( Climax ) | 25% |
| Clover ( Medium Red ) | 10% | Clover ( Medium Red ) | 10% |

Attach:
Drawing(s) of road, location,pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [signature]

Comments:

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WV Department of
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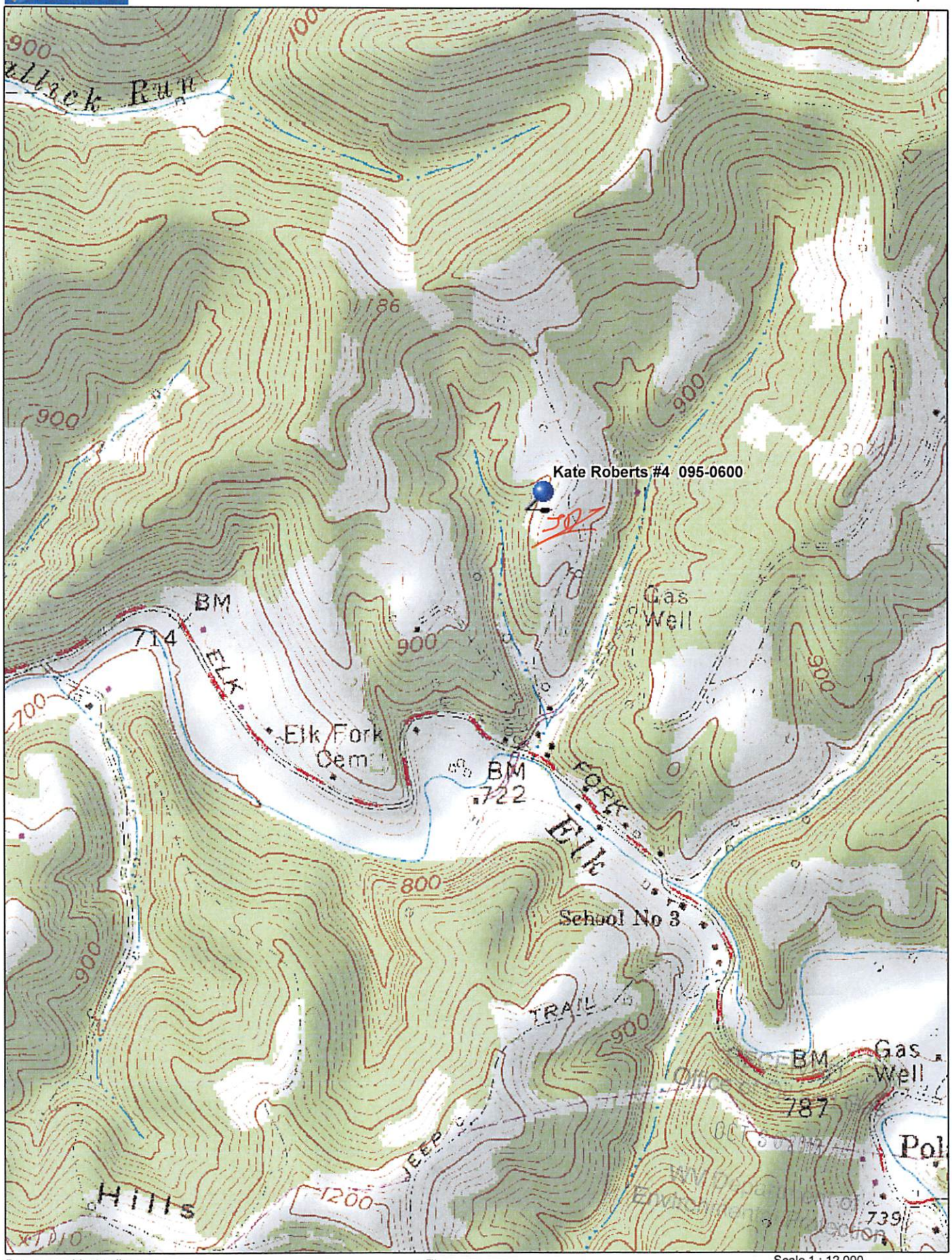
Title: Inspector Date: 10-2-13

Field Reviewed? (X) Yes ( ) No

9500600P

DELORME

XMap® 7

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www.delorme.com

TN

MN (8.3°W)

Scale 1 : 12,000

1" = 1,000.0 ft

Data Zoom 13-5

95 00600 P

WW-7
8-30-06

# West Virginia Department of Environmental Protection
## Office of Oil and Gas
## WELL LOCATION FORM: GPS

API: 47-095-0600 WELL NO.: 4

FARM NAME: Kate Roberts

RESPONSIBLE PARTY NAME: Triad Hunter, LLC

COUNTY: Tyler DISTRICT: Ellsworth

QUADRANGLE: Porters Falls

SURFACE OWNER: Charity Gas Co.

ROYALTY OWNER: Union National Bank of WV (Will E. Morris Trust)

UTM GPS NORTHING: 4376294.8849443

UTM GPS EASTING: 512145.96460381 GPS ELEVATION: 871'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS X: Post Processed Differential X

Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

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Office of Oil and Gas
OCT 30 2013
WV Department of
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Ben Smelter — Geologist — 4/15/2013

Signature — Title — Date