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

June 24, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9500535, 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: J. T. A. HAWKINS 1
Farm Name: TALLMAN, JOHN
API Well Number: 47-9500535
Permit Type: Plugging
Date Issued: 06/24/2015

Promoting a healthy environment.

9500535P

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.

CK 001079
$100

WW-4B
Rev. 2/01

1) Date March 15, 2015
2) Operator's
Well No. J.T.A. Hawkins # 1
3) API Well No. 47- 095 - 00535

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 890' GL Watershed Elk Fork
District Ellsworth County Tyler Quadrangle Porters Falls

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

7) Designated Agent Kim Arnold
Address P.O. Box 154
Waverly, WV 26184

8) Oil and Gas Inspector to be notified
Name Michael Goff
Address P.O. Box 134
Pullman, WV 26421

9) Plugging Contractor
Name N/A
Address

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

(SEE ATTACHMENT)

Received
Office of Oil & Gas
APR 23 2015

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

Work order approved by inspector Michael Goff Date 4/2/15

9500535P

ELK FORK PLUGGING PROCEDURE

(2015)

1. Remove rods and tubing and clean hole to total depth.
2. Run tubing to the base of the shot hole and cement shot hole with 50 – 75 sacks of Class A Cement **(Bottom Hole Plug).**
3. Try to pull 5 3/16" or 4 7/8" casing. If unable to pull casing, set tubing just below casing string and pump a 100' Class A cement plug **(Casing Plug).**
4. MIRU wireline company; check depth of cement plug and cut / rip casing apart just below elevation depth. Pull casing OOH.
5. Run tubing to depth of casing cut and set a 100' Class A cement plug in annulus **(Cut Plug).** Pull tubing OOH.
6. Run wireline back in hole; check depth of cement plug and perforate the 6 ¼" or 6 5/8" casing @ 200 feet with 4-6 perforations.
7. Run tubing just below the perforations and circulate Class A Cement to surface. Pull tubing out of hole and top load hole with Class A Cement **(Surface Plug).**
8. Erect / Weld a 3' x 6" monument pipe to the existing casing. Load monument pipe with Class A Cement and attach an identification plate to the monument pipe containing the permit number of the well.
9. Remove service rig and all other supporting equipment including tanks, separator, and other production equipment.
10. Reclaim well site and lease road.

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APR 23 2015
WVDEP

4/2/15

NOTE! Pump gel spacers between all cement plugs.

9500535P

ELK FORK FIELD

Permit Number: 47-095-0535 Well Name: J.T.A. Hawkins #1

District: Ellsworth County: Tyler

Date Drilled: June/1897 Total Depth: 1800' Elevation: 890'

Producing Zone: Keener Shot Hole Depth: unknown

Casing Depths: 10" _____ 8 ¼" _____ Tubing Depth: 2" _____

6 5/8" _____ 6 ¼" _____

5 3/16" _____ 4 7/8" _____

Remarks: _____

Pay Zone 1779' - 1788'

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APR 23 2015

9500535P

"Pipeline"

Select County: (095) Tyler Select datatypes: (Check All)

Enter Permit #: 0535

Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/Show/Water Logs Btm Hole Loc

Get Data Reset

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 = 0535

Report Time: Thursday, February 14, 2013 4:22:06 PM

Location Information: View Map

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4709500535	Tyler	535	Ellsworth	Porters Falls	New Martinsville	39.528839	-80.851323	512777.8	4375475.6

(J.T.A. Hawkins #1)

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
4709500535	6/17/1897	Original Loc	Completed	J T A Hawkins 1						South Penn Oil (S. Penn Nat. Gas)		

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_AF
4709500535	6/17/1897	5/28/1897	890	Ground Level	Kdwl-Elk Fk Ar	Keener	Keener	Development Well	Development Well	Oil w/ Gas Show	Cable Tool	Shot	1800		1800	0	

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4709500535	6/17/1897	Show	Gas	Vertical			1779	Keener	0	0			
4709500535	6/17/1897	Pay	Oil	Vertical			1788	Keener	0	0			

Production Gas Information:

API	OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709500535	Pennzoil Company	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Pennzoil Company	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Pennzoil Company	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Gedco Oil & Gas Joint Venture	1994													
4709500535	Gedco Oil & Gas Joint Venture	1999	6	5	0	0	0	0	0	1	0	0	0	0	0
4709500535	Triad Resources, Inc.	2000	6	0	0	0	0	0	2	2	0	2	0	0	0
4709500535	Triad Resources, Inc.	2001	5	0	0	0	0	0	5	0	0	0	0	0	0
4709500535	Triad Resources, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Triad Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	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
4709500535	Pennzoil Company	1981	104	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Pennzoil Company	1982	26	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Pennzoil Company	1983	30	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Gedco Oil & Gas Joint Venture	1994	31				31								
4709500535	Gedco Oil & Gas Joint Venture	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Triad Resources, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Triad Resources, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	Triad Resources, Inc.	2002	12	1	1	1	1	1	1	1	1	1	1	1	1
4709500535	Triad Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500535	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

Received
Office of Oil & Gas
APR 23 2015

9500535P

WW-4A
Revised 6-07

1) Date: March 15,2015
2) Operator's Well Number
J.T.A. Hawkins # 1

3) API Well No.: 47 - 095 - 00535

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 Opal Carol Tallman W
Address RR 1 Box 192
Middlebourne, WV 26149
(b) Name
Address
(c) Name
Address

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

6) Inspector Michael Goff
Address P.O. Box 134
Pullman, WV 26421
Telephone (304) - 549-9823

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 V.P. Appalachian Operations
Address 125 Putnam Street
Marietta, Ohio 45750
Telephone (740) - 374-2940

Received
Office of Oil & Gas
APR 23 2015

Subscribed and sworn before me this 1st day of April, 2015
Elizabeth R. Teby Notary Public
My Commission Expires 2-29-16

ELIZABETH R. TERAY
NOTARY PUBLIC
In and For The State of Ohio
My Commission Expires

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.

9500535P

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Office of Oil and Gas

MAY 04 2015

WV Department of
Environmental Protection

SURFACE OWNER WAIVER

Operator's Well Number J.T.A. Hawkins # 1

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.

FOR EXECUTION BY A NATURAL PERSON ETC.

X Mark C. LaCommare
Signature

Date 5/3/15

FOR EXECUTION BY A CORPORATION,

Name _____
By _____
Its _____ Date _____

Signature Date

9500535P

WW-9
Rev. 5/08

Page 1 of 2
API Number 47 - 095 - 00535
Operator's Well No. J.T.A. Hawkins # 1

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 494494833

Watershed Elk Fork Quadrangle Porters Falls

Elevation 890' GL County Tyler District Ellsworth

Description of anticipated Pit Waste: oil, saltwater, freshwater

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

MDC 4/2/15

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application
X Underground Injection (UIC Permit Number UIC2D0859721)
_____ 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
_____ Workover
_____ Other (Explain _____
_____ Swabbing
X Plugging

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 _____

Company Official (Typed Name) Rocky Roberts

Company Official Title Senio V.P. Appalachian Operations

Received
Office of Oil & Gas
APR 23 2015

Subscribed and sworn before me this 1st day of April, 2015

Elizabeth R. Irby Notory Public

My commission expires 2-29-16

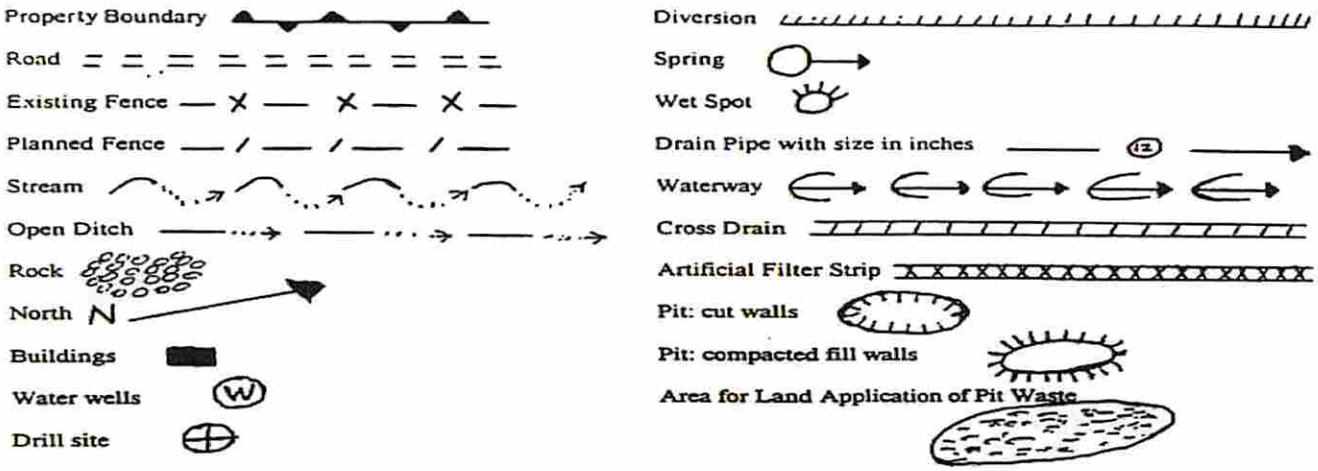
2-29-16

9500535P

Form WW-9

Operator's Well No. J.T.A. Hawkins # 1

LEGEND



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

Lime Two Tons/acre or to correct to pH 6.5

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

Mulch 1 - 1.5 (50 - 75 bales) Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	30%		
Rye (Annual & BT)	35%		
Timothy (Climax)	25%		
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: Michael Goff

Comments: Preseed & Mulch any disturbed areas per WVDEP regs. Maintain or upgrade E&S as necessary.

Received
Office of Oil & Gas
APR 23 2015

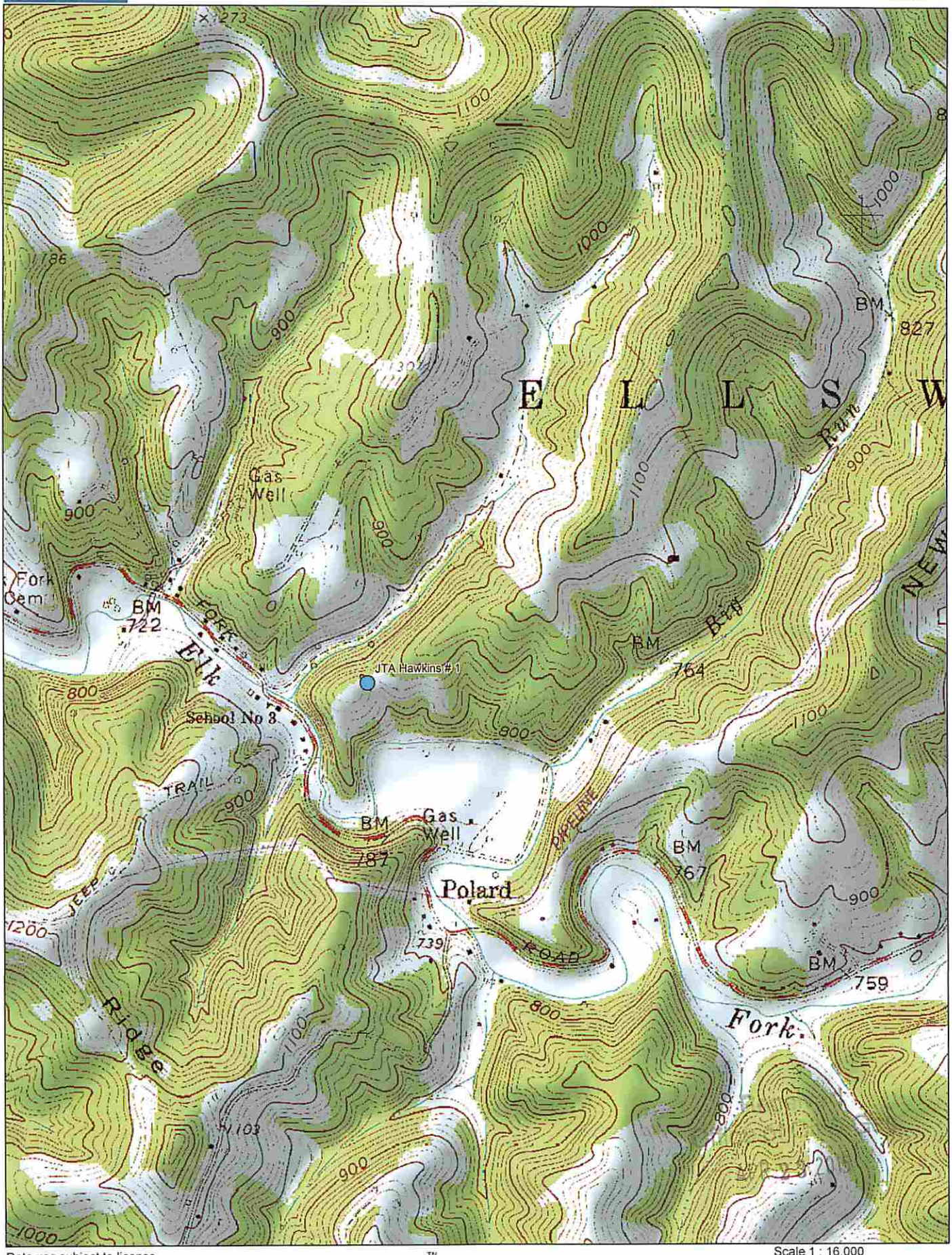
Title: Oil & Gas Inspector Date: 4/9/15

Field Reviewed? (✓) Yes ( ) No

9500535P

DeLORME

XMap® 7



Data use subject to license.

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www.delorme.com

TN

MN (8.4°W)

Scale 1 : 16,000

0 400 800 1200 1600 2000 ft

0 140 280 420 560 700 m

1" = 1,333.3 ft

Data Zoom 13-6

95 00535 P

WW-7
8-30-06

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

API: 47-095-00535 **WELL NO.:** 1

FARM NAME: J.T.A. Hawkins

RESPONSIBLE PARTY NAME: Triad Hunter, LLC

COUNTY: Tyler **DISTRICT:** Ellsworth

QUADRANGLE: Porters Falls

SURFACE OWNER: Opal C. Tallman (Charles & Laura Friend)

ROYALTY OWNER: Union National Bank etal

UTM GPS NORTHING: 4375453.6

UTM GPS EASTING: 512794.4 **GPS ELEVATION:** 878'

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 _____

Real-Time Differential X

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Office of Oil & Gas
APR 23 2015

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.

Signature | Geologist (Title) | 3/27/15 (Date)

I NOW

Operator: TRIAD HUNTER, LLC

API: 9500535

WELL No: J. T. A. HAWKINS 1

Reviewed by: gmm Date: 6/23/15

15 Day End of Comment: 04/28/15

CHECKLIST FOR FILING A PERMIT

Plugging

CK # 001079
$100

- [x] WW-4B
- [x] Inspector signature on WW-4B
- [x] Completion / Well Records of Previous Work
- [x] WW-4A (Notarized)
- [x] Certified Mail Receipts, Waivers, or Affidavits of Personal Service (NOD Resolved 05/04/15)
- [ ] Surface Owner Waiver
- [ ] Coal Owner / Lessee /Operator Waiver
- [x] WW-9 (Page 1) (Notarized)
- [x] Inspector Signature on WW-9 (Optional)
- [x] Topographic Map of location of well
- [x] WW-7

OR

- [ ] Mylar Plat (Surface owner on plat matches WW-4A)
- [x] Bond
- [x] Company is Registered with the SOS
- [x] Worker's Compensation / Unemployment Insurance account is OK
- [x] $100.00 check ($0.00 if no pit)