



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

August 21, 2014

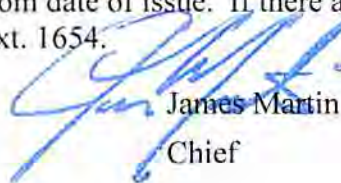
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10302633, issued to STONE ENERGY CORPORATION, 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 penalties 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: WILSON 5H
Farm Name: WILSON, WILLARD DEMPSEY &
API Well Number: 47-10302633
Permit Type: Plugging
Date Issued: 08/21/2014

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.

1) Date April 10, 2014
2) Operator's
Well No. Wilson #5H
3) API Well No. 47-103-02633

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 ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1,328' Watershed Proctor Creek
District Proctor County Wetzel Quadrangle New Martinsville

6) Well Operator Stone Energy Corporation 7) Designated Agent Timothy P. McGregor
Address 6000 Hampton Center Address 6000 Hampton Center
Morgantown, WV 26505 Morgantown, WV 26505

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Derek Haught Name Schlumberger
Address P.O. Box 85 Address 1178 US Hwy 33 East
Smithville, WV 26178 Weston, WV 26452

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

- A. - Remove steel plate from the top of the well bore.
- B. - Fill 20" conductor from a TD of 40' to surface with Class "A" cement.
- C. - Place monument (6" diameter x 30"+) at site with API number listed.

Received

JUL 17 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

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

Work order approved by inspector [Signature] Date 7-14-14

10302633A

WW-4A
Revised 6-07

1) Date: April 10, 2014
2) Operator's Well Number Wilson #5H
3) API Well No.: 47 - 103 - 02633

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Willard Dempsey & Mary Wilson</u> ✓	Name <u>No coal operators present</u>
Address <u>Route 1, Box 72</u>	Address _____
<u>New Martinsville, WV 26155</u>	_____
(b) Name <u>Donald & Martha Arrick</u> ✓	(b) Coal Owner(s) with Declaration
Address <u>RD 2, Box 14A</u>	Name <u>No coal owners with declaration</u>
<u>Proctor, WV 26055</u>	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Derek Haught</u> ✓	(c) Coal Lessee with Declaration
Address <u>P.O. Box 85</u>	Name _____
<u>Smithville, WV 26178</u>	Address _____
Telephone <u>304-206-7613</u>	_____

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 reverse side. However, you are not required to take any action at all.

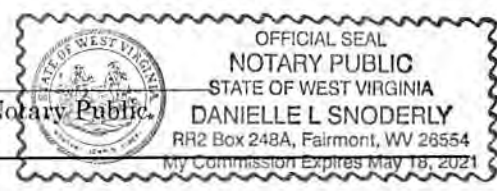
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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.

Received

Well Operator Stone Energy Corporation
 By: [Signature]
 Its: Land Coordinator
 Address 6000 Hampton Center
Morgantown, WV 26505
 Telephone 304-225-1600

JUN 30 2014

Subscribed and sworn before me this 26th day of June 2014
[Signature]
 My Commission Expires 5/18/2021



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 depprivacyofficer@wv.gov.

08/22/2014

10302633P

7013 0600 0002 0005 6576

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mr. Derek Haught**
P.O. Box 85
 Street, Apt. No., or PO Box No. **Smithville, WV 26178**
 City, State, ZIP+4

PS Form 3800, August 2005 See Reverse for Instructions

7013 0600 0002 0005 6576

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mr. & Mrs. Willard Wilson**
Route 1, Box 72
 Street, Apt. No., or PO Box No. **New Martinsville, WV 26155**
 City, State, ZIP+4

PS Form 3800, August 2005 See Reverse for Instructions

7013 0600 0002 0005 6576

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

✓ **Mr. & Mrs. Donald Arrick**
RD 2 Box 14A
Proctor, WV 26055

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
Martha J. Arrick

B. Received by (Printed Name) Agent Addressee
Martha J. Arrick

C. Date of Delivery
6-28-14

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes No

2. Article Number (Transfer from service label) **7013 0600 0002 0005 6590**

08/22/2014

10302633P

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

7013 0600 0002 0005 6576

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40

Postmark
Here

JUN 27 2014

Sent To **Mr. Derek Haught**
P.O. Box 85
 Street, Apt. No. or PO Box No. **Smithville, WV 26178**
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. & Mrs. Willard Wilson
Route 1, Box 72
New Martinsville, WV 26155

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Willard Wilson* Agent Addressee

B. Received by (Printed Name) *Willard Wilson* C. Date of Delivery *6/30*

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) **7013 0600 0002 0005 6583**

Received
JUL 7 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

08/22/2014

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 Stone Energy Corporation OP Code 494490923

Watershed Proctor Creek Quadrangle New Martinsville

Elevation 1,328' County Wetzel District Proctor

Description of anticipated Pit Waste: N/A - no pit will be utilized

Will a synthetic liner be used in the pit? N/A

Proposed Disposal Method For Treated Pit Wastes:

- N/A Land Application
- N/A Underground Injection (UIC Permit Number _____)
- N/A Reuse (at API Number _____)
- N/A Off Site Disposal (Supply form WW-9 for disposal location)
- N/A Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- N/A Drilling
- N/A Swabbing
- N/A Workover
- N/A Plugging
- N/A Other (Explain _____)

DMH
7-14-14

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.

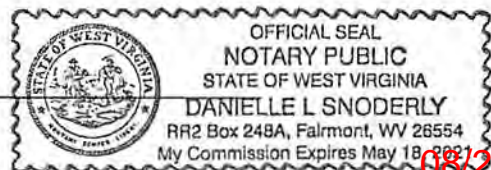
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 *Timothy P. McGregor*
Company Official (Typed Name) Timothy P. McGregor
Company Official Title Land Coordinator

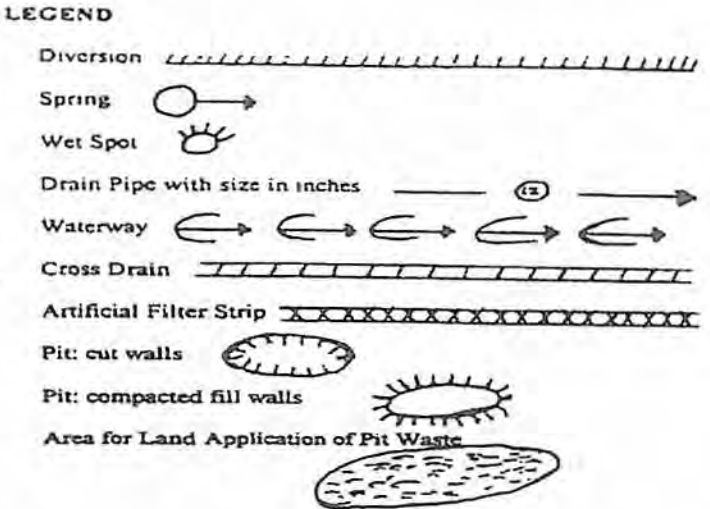
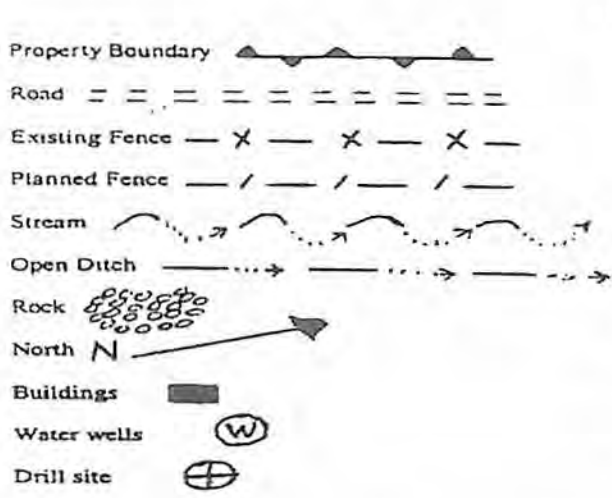
Subscribed and sworn before me this 26th day of June, 2014

Danielle L. Snoderly Notary Public

My commission expires 5/18/2021



08/22/2014



Proposed Revegetation Treatment: Acres Disturbed 6.9 Prevegetation pH _____

Lime 3.0 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 - 750 lbs/acre (500 lbs minimum)

Mulch 0.50 to 0.75 + Straw Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Marcellus Mix	100.0	Marcellus Mix	100.0
White or Ladino Clover	10.0	White or Ladino Clover	10.0
Orchard Grass	40.0	Orchard Grass	40.0
Winter Rye	50.0	Winter Rye	50.0

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]

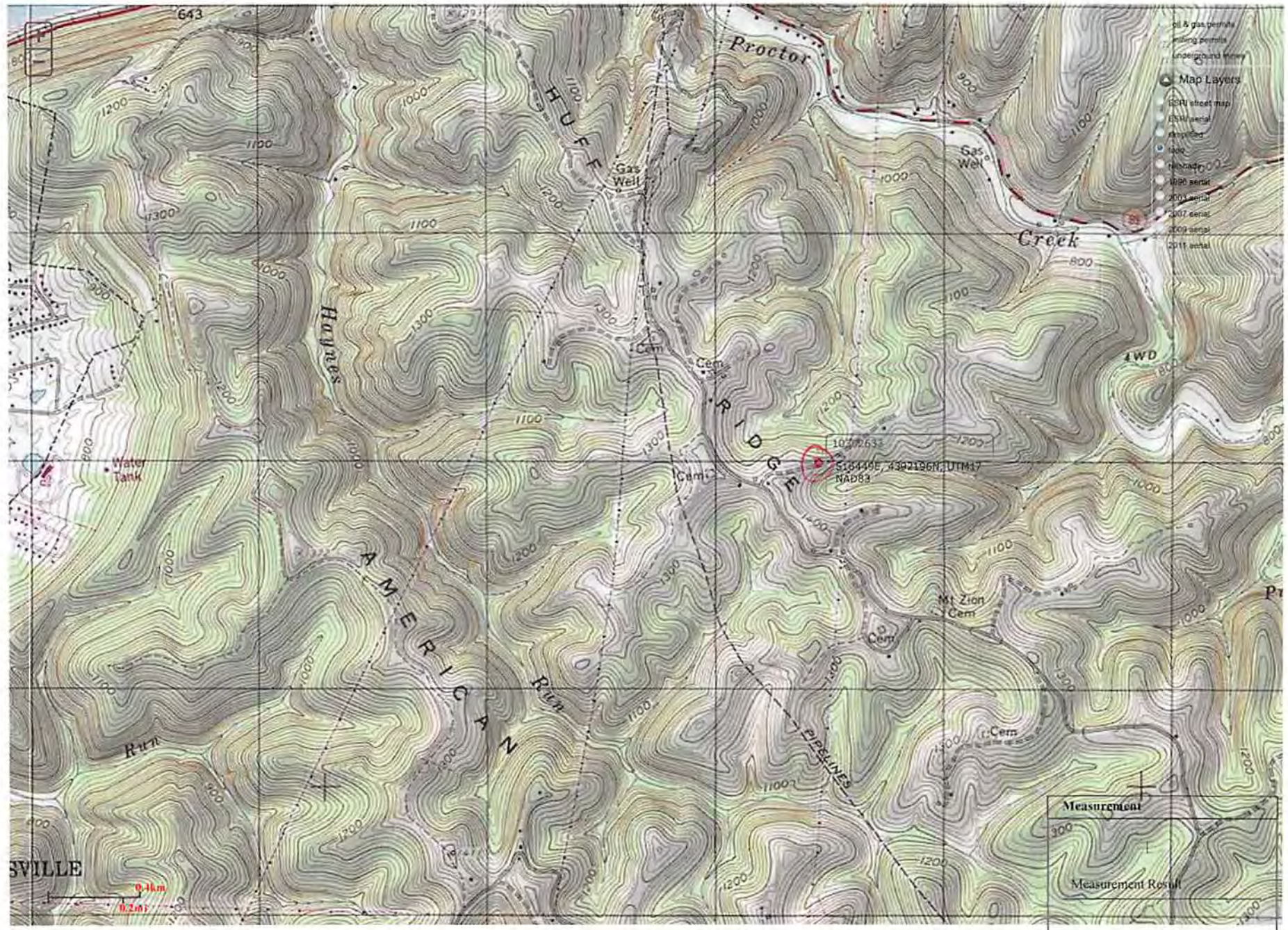
Comments: _____

Title: oil + Gas Inspector Date: 7-14-14

Field Reviewed? Yes No

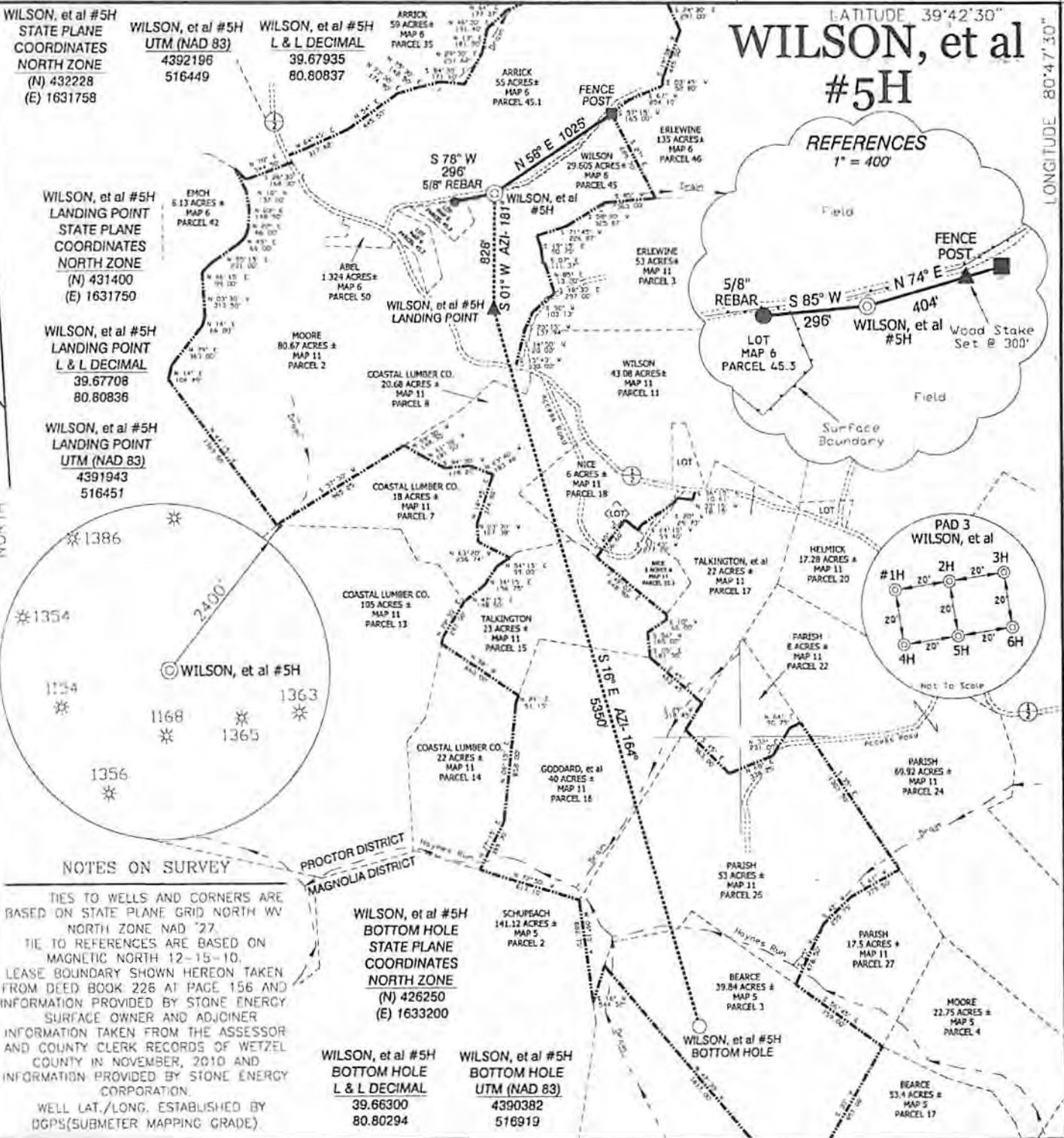
Received 08/22/2014

JUL 17 2014



10302633

WILSON, et al #5H



WILSON, et al #5H
LANDING POINT
STATE PLANE
COORDINATES
NORTH ZONE
(N) 431400
(E) 1631750

WILSON, et al #5H
LANDING POINT
L & L DECIMAL
39.67708
80.80836

WILSON, et al #5H
LANDING POINT
UTM (NAD 83)
4391943
516451

WILSON, et al #5H
BOTTOM HOLE
STATE PLANE
COORDINATES
NORTH ZONE
(N) 426250
(E) 1633200

WILSON, et al #5H
BOTTOM HOLE
L & L DECIMAL
39.66300
80.80294

WILSON, et al #5H
BOTTOM HOLE
UTM (NAD 83)
4390382
516919

NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.

TIE TO REFERENCES ARE BASED ON MAGNETIC NORTH 12-15-10.

LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 226 AT PAGE 156 AND INFORMATION PROVIDED BY STONE ENERGY SURFACE OWNER AND ADJOINER.

INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN NOVEMBER, 2010 AND INFORMATION PROVIDED BY STONE ENERGY CORPORATION.

WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.



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

DATE JANUARY 20, 20 11

OPERATORS WELL NO. WILSON, et al #5H

API WELL NO. 47-103

STATE LA COUNTY WETZEL PERMIT 02633P

P.S. 834

Doyle Hupp, Jr.

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontier.net

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W2014 (BK 48-70)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 1000'

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,328' WATERSHED TRIBUTARY OF PROCTOR CREEK

DISTRICT PROCTOR COUNTY WETZEL QUADRANGLE NEW MARTINSVILLE 7.5'

SURFACE OWNER WILLARD & MARY WILSON ACREAGE 29.605±

ROYALTY OWNER WILLARD & MARY L. WILSON, et al LEASE ACREAGE 292.79±

PROPOSED WORK: LEASE NO. 08/22/2014

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS

ESTIMATED DEPTH TVD- 6,770' MD- 12,510'

WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT RICHARD TOOTHMAN

ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70508 ADDRESS 6000 HAMPTON CENTER SUITE B MORGANTOWN WV 26505

LONGITUDE 80°47'30" 10.570' LAT 39°40'45.7"



6000 Hampton Center
Morgantown, WV 26505-1748
Telephone: (304) 225-1600

6/12/2014

Mr. James Martin, Chief
WV Office of Oil and Gas
601, 57th Street, SE
Charleston, WV 25304-2345

Dear Mr. Martin;

Attached are forms "WW-4A – Notice of Application to Plug and Abandon a Well", "WW-4B – Application for a Permit to Plug and Abandon", "WW-9 – Construction and Reclamation Plan and Site Registration Application Form General Permit for Oil and Gas Pit Waste Discharge" and signed plat for the Wilson #5H (47-103-02633). The well is located in Proctor District of Wetzel County. Operator of the well is Stone Energy Corporation, Operator ID 494490923.

The subject well was permitted on March 2, 2011 with the 20" conductor being set soon thereafter. Due to unforeseen issues with some of the leases in the lateral section the well was never drilled deeper than 40' which is the setting depth of the conductor.

Should you require additional information or have any questions please feel free to contact me at 304-225-1777.

Sincerely,

A handwritten signature in black ink, appearing to read "W. Lee Hornsby", written over a horizontal line.

W. Lee Hornsby
Drilling Engineer, Appalachia
Stone Energy Corporation

Attachments

xc: Well Files

Mr. Derek Haught, Oil & Gas Inspector
Willard D. & Mary Wilson
Donald & Martha Arrick

Received

JUN 30 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

08/22/2014