



---

west virginia department of environmental protection

---

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

Jim Justice , Governor  
Austin Caperton , Cabinet Secretary  
www.dep.wv.gov

Wednesday, June 14, 2017  
WELL WORK PERMIT  
Vertical / Plugging

BAKER, J C & SONS INC (A)  
601 ELK STREET, P.O. BOX 369

GASSAWAY, WV 266240369

Re: Permit approval for  
47-007-02163-00-00

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:  
Farm Name: ROSIEK, STANLEY & JANET  
U.S. WELL NUMBER: 47-007-02163-00-00  
Vertical / Plugging  
Date Issued: 6/14/2017

Promoting a healthy environment.

06/16/2017

## 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 11-7, 2016  
2) Operator's Well No. Bosiek # 1  
3) API Well No. 47-007-02163

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 X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 1010 Watershed Berry Fork  
District Salt Lick County Braxton Quadrangle Newville

6) Well Operator J. E. Baker & Son, Inc. 7) Designated Agent Michael C. Baker  
Address P.O. Box 369 Address P.O. Box 178  
Cassaway, WV 26624 Cassaway, WV 26624

8) Oil and Gas Inspector to be notified  
Name Danny Mullins  
Address 220 Jakkacres Rd.  
Buckhannon, WV 26201

9) Plugging Contractor  
Name Deekworth Well Ser.  
Address Sugar Creek Rd.  
Cassaway, WV 26624  
304-543-14203

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

- Cement 3125 - 2975 tag this plug & reset if needed
- Cement 100 ft. @ 4 1/2 cut approx free point
- Cement 1500 - 1460
- Cement 1060 - 960 Elevation 1010 ft.
- Cement 950 - 850 8 5/8 seat <sup>check</sup> WR-35
- Cement 100 - 0 Surface <sup>was 8 5/8 cemented to surface</sup>

6% Gel between all plugs

Yes - MCB

RECEIVED  
Office of Oil and Gas

APR 17 2017

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

WV Department of Environmental Protection

Work order approved by inspector Danny Mullins

Date 2-16-17

06/16/2017

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: ROSIEK, STANLEY & JANET Operator Well No.: ROSEIK #1

LOCATION: Elevation: 1,010.00 Quadrangle: NEWVILLE

District: SALT LICK County: BRAXTON  
Latitude: 2400 Feet South of 38 Deg. 45Min. 0 Sec.  
Longitude 12350 Feet West of 80 Deg. 35 Min. 0 Sec.

Company: BAKER, J. C. & SONS, INC.  
601 ELK STREET, P.O. BOX 369  
GASSAWAY, WV 26624-0369

Agent: MICHAEL C. BAKER

Inspector: CRAIG DUCKWORTH  
Permit Issued: 04/11/97  
Well work Commenced: 04/17/97  
Well work Completed: 08/19/97  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary Cable  Rig  
Total Depth (feet) 3132'  
Fresh water depths (ft) 150'  
Salt water depths (ft) 500'

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10 3/4	300'	300'	38CSR18-1 38CSR18-1
8 5/8	900'		38CSR18-1
4 1/2"		3130'	38CSR18-1

OPEN FLOW DATA

Producing formation Bayard Pay zone depth (ft) 3125'  
Gas: Initial open flow 10 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 50 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 650 psig (surface pressure) after 12 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: BAKER, J. C. & SONS, INC. **RECEIVED**  
Office of Oil and Gas  
By: Michael C. Baker  
Date: APR 17 2017

1. Acid/Water Fracure- 10 holes from 3115 to 3128.

2. Formation

	<u>Top</u>	<u>Bottom</u>	<u>Remarks</u>
Surface	0		
Rock-sandy	25	25	
Rock-hard	500	500	soil
Lime	1016	1016	soft
Sand	1145	1145	hard
Sandy Lime	1250	1250	
Red Rock	1310	1310	
Sand	1373	1373	
Slate	1395	1395	
Little Lime	1419	1419	
Slate	1442	1442	
Blue Monday	1457	1457	show gas
Big Lime	1498	1498	
Injun Sand	1595	1595	show gas
Slate & Shells	1690	1690	
Sand	1925	1925	
slate	1941	1941	
Red Lime & Slate	2018	2018	
Slate & Shells	2025	2025	
4th Sand	2120	2120	
Slate & Shells	2132	2132	
5th Sand	2225	2225	
Slate & Shells	2257	2257	
Bayard	3110	3110	
TD	3132	3128	

Spot Map  
WW9  
GPP if land Aply

RECEIVED  
Office of Oil and Gas

APR 17 2017

WV Department of  
Environmental Protection



1) Date: 11-7-16  
2) Operator's Well Number Rosiek # 1  
3) API Well No.: 47 - 007.02163

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

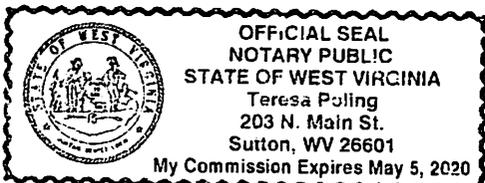
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Stanley Rosiek</u>	Name <u>None</u>
Address <u>P.O. Box 1642</u>	Address _____
<u>Charleston, WV 25362</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Danny Mullins</u>	(c) Coal Lessee with Declaration
Address <u>220 Jackacres Rd.</u>	Name _____
<u>Buckhannon WV 26201</u>	Address _____
Telephone <u>304-932-1664</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 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 J.C. Baker & Son, Inc.  
 By: Michael C. Baker  
 Its: President  
 Address P.O. Box 369  
Cassaway, WV 26624  
 Telephone 304-364-5114

Subscribed and sworn before me this 7th day of Nov. 2016  
[Signature] Notary Public  
 My Commission Expires May 5 2020  
**RECEIVED**  
**Office of Oil and Gas**  
**APR 17 2017**

**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](mailto:depprivacyofficer@wv.gov).

08/16/2017

702163P

GASSAWAY  
400 ELK ST  
GASSAWAY  
WV  
26624-9998  
5530480624  
05/08/2017 (800)275-8777 3:23 PM

Product Description	Sale Qty	Final Price
First-Class Mail Large Envelope (Domestic) (CHARLESTON, WV 25362) (Weight:0 Lb 1.80 Oz) (Expected Delivery Day) (Wednesday 05/10/2017)	1	\$1.19
Certified (@@USPS Certified Mail #) (70150640000512576782)	1	\$3.35
<b>Total</b>		<b>\$4.54</b>
Person/Bus Check		\$4.54

\*\*\*\*\*  
BRIGHTEN SOMEONE'S MAILBOX. Greeting cards available for purchase at select Post Offices.  
\*\*\*\*\*

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit USPS.com USPS Tracking or call 1-800-222-1811.

Order stamps at usps.com/shop or call 1-800-Stamp24. Go to usps.com/clicknship to print shipping labels with postage. For other information call 1-800-ASK-USPS.

\*\*\*\*\*  
Get your mail when and where you want it with a secure Post Office Box. Sign up for a box online at usps.com/poboxes.  
\*\*\*\*\*

7015 0640 0005 1257 1

CHARLESTON, WV 25362

**OFFICIAL USE**

Certified Mail Fee \$3.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$1.19

Total Postage and Fees \$4.54

Postmark Here 0624 04 05/08/2017

Sent to Stanley Rosiek

Street and Apt. No. or PO Box No. PO Box 642

City, State, ZIP+4® Charleston WV 25362

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

RECEIVED  
Office of Oil and Gas

MAY 9 2017

WV Department of  
Environmental Protection

06/16/2017

API Number 47 - 007-02163  
Operator's Well No. Rosiek # 1

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name J. C. Baker & Son, Inc. OP Code \_\_\_\_\_  
Watershed (HUC 10) Berry Fork Quadrangle Newville  
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 (if selected provide a completed form WW-9-GPP)
  - Underground Injection ( UIC Permit Number \_\_\_\_\_)
  - Reuse (at API Number \_\_\_\_\_)
  - Off Site Disposal (Supply form WW-9 for disposal location)
  - Other (Explain \_\_\_\_\_)
- ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS AND DISPOSED OF OFF-SITE BY PROPER METHODS.*

Will closed loop system be used? If so, describe: all fluids pick-up by water truck

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_

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

Additives to be used in drilling medium? \_\_\_\_\_

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

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

-Landfill or offsite name/permit number? \_\_\_\_\_

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 Michael C. Baker  
Company Official (Typed Name) Michael C. Baker  
Company Official Title President

RECEIVED  
Office of Oil and Gas

APR 17 2017

Subscribed and sworn before me this 7th day of November

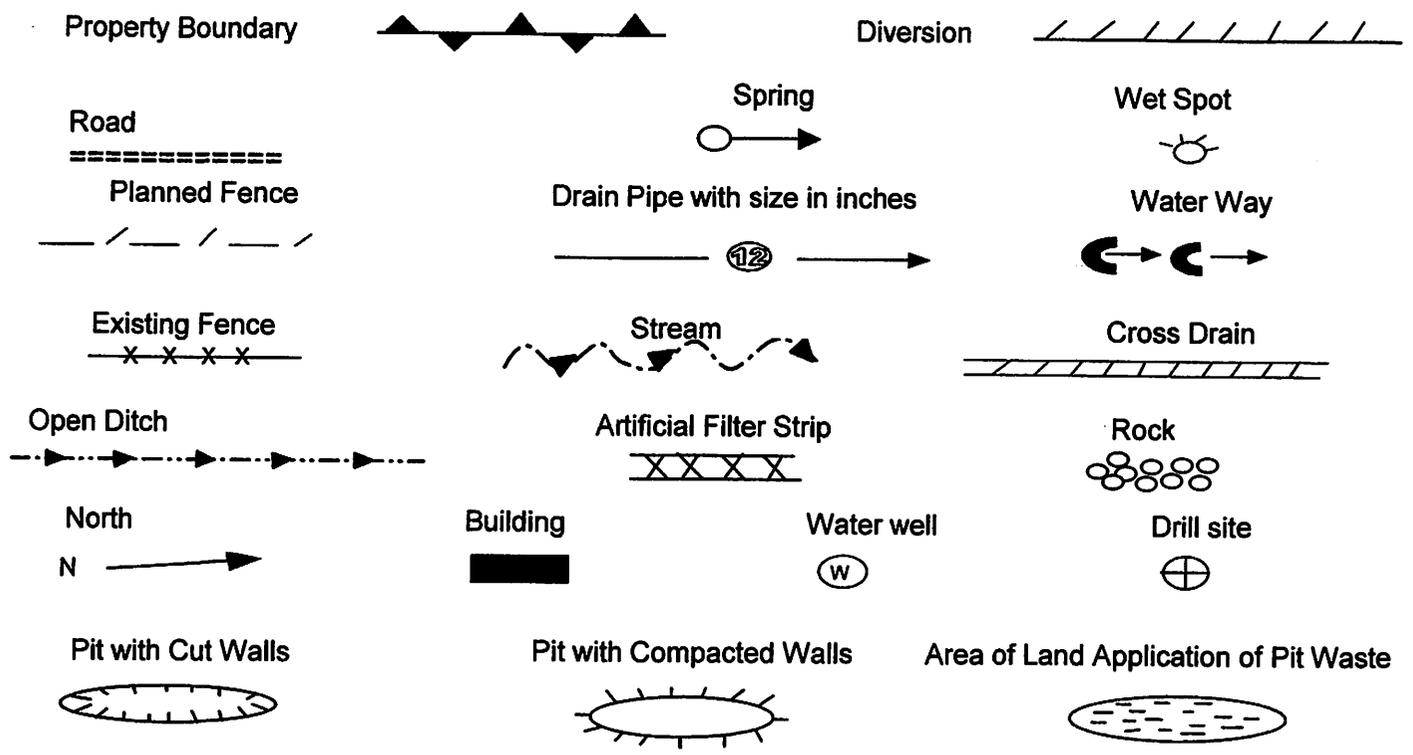
[Signature]  
My commission expires May 5, 2020



702163P

OPERATOR'S WELL NO.:  
ROSIEK #1

### LEGEND



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH         

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20) or equivalent 1/3 ton lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre or hydroseed.

### SEED MIXTURES

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

#### ATTACH:

Drawing(s) of road, location, pit and proposed area for land application.  
Photocopies section of involved 7.5' topographic sheet.

Plan approved by: \_\_\_\_\_

Comments: \_\_\_\_\_

**RECEIVED**  
**Office of Oil and Gas**

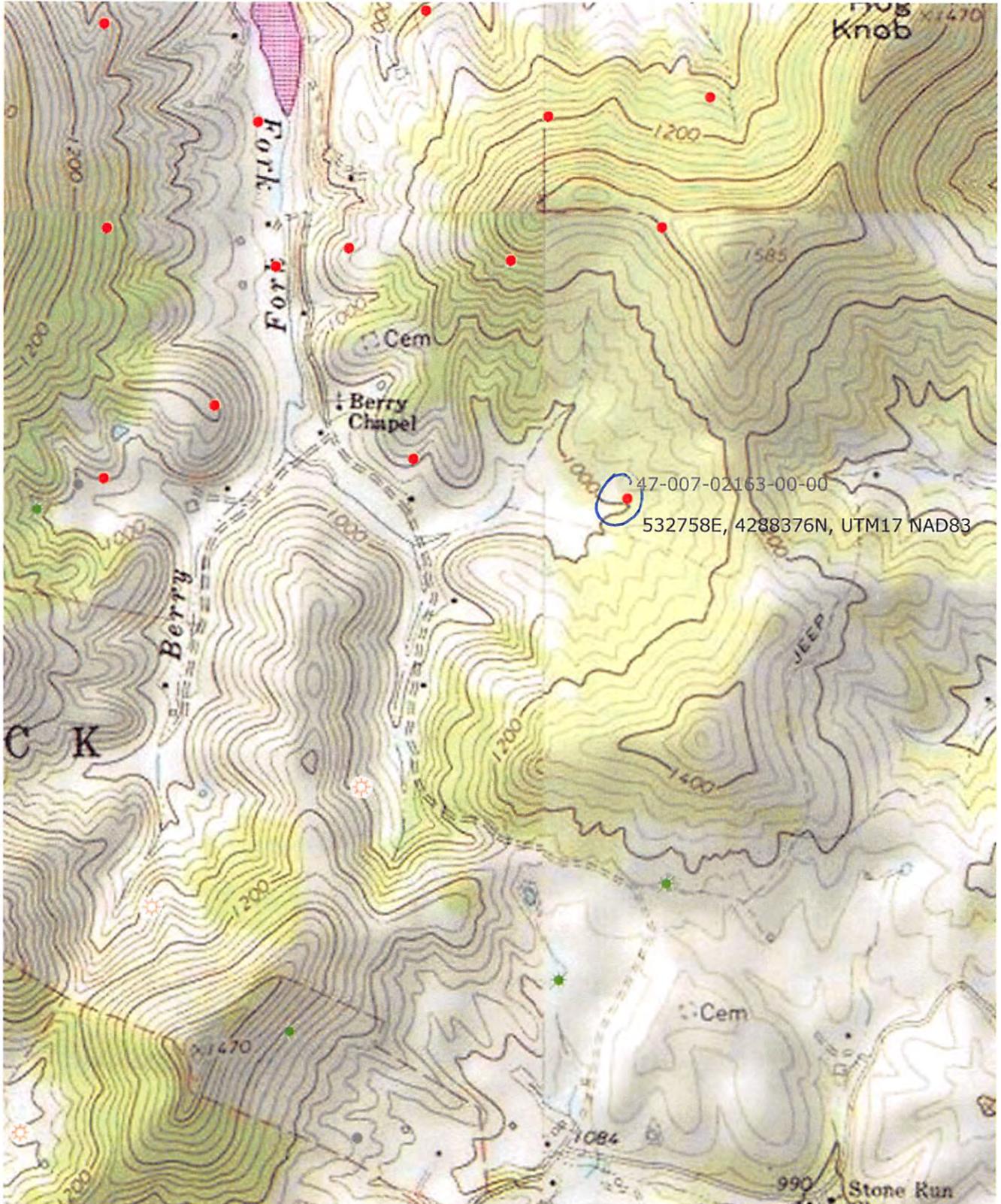
**MAY 11 2017**

Title: \_\_\_\_\_ Date: \_\_\_\_\_ WV Department of

Field Reviewed?          Yes          No

**Environmental Protection**

702163P



06/16/2017

702163A

WW-7  
8-30-06



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

API: 47-007-02163 WELL NO.: 1  
FARM NAME: Rosiek  
RESPONSIBLE PARTY NAME: J.C. Baker & Son, Inc  
COUNTY: Braxton DISTRICT: Saltlick  
QUADRANGLE: Newville  
SURFACE OWNER: Stanley Rosiek  
ROYALTY OWNER: Stanley Rosiek  
UTM GPS NORTHING: 4288376  
UTM GPS EASTING: 53 2758 GPS ELEVATION: 1010'

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:  
Survey grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_  
Real-Time Differential \_\_\_\_  
Mapping Grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_  
Real-Time Differential \_\_\_\_

RECEIVED  
Office of Oil and Gas

JUN 1 2017

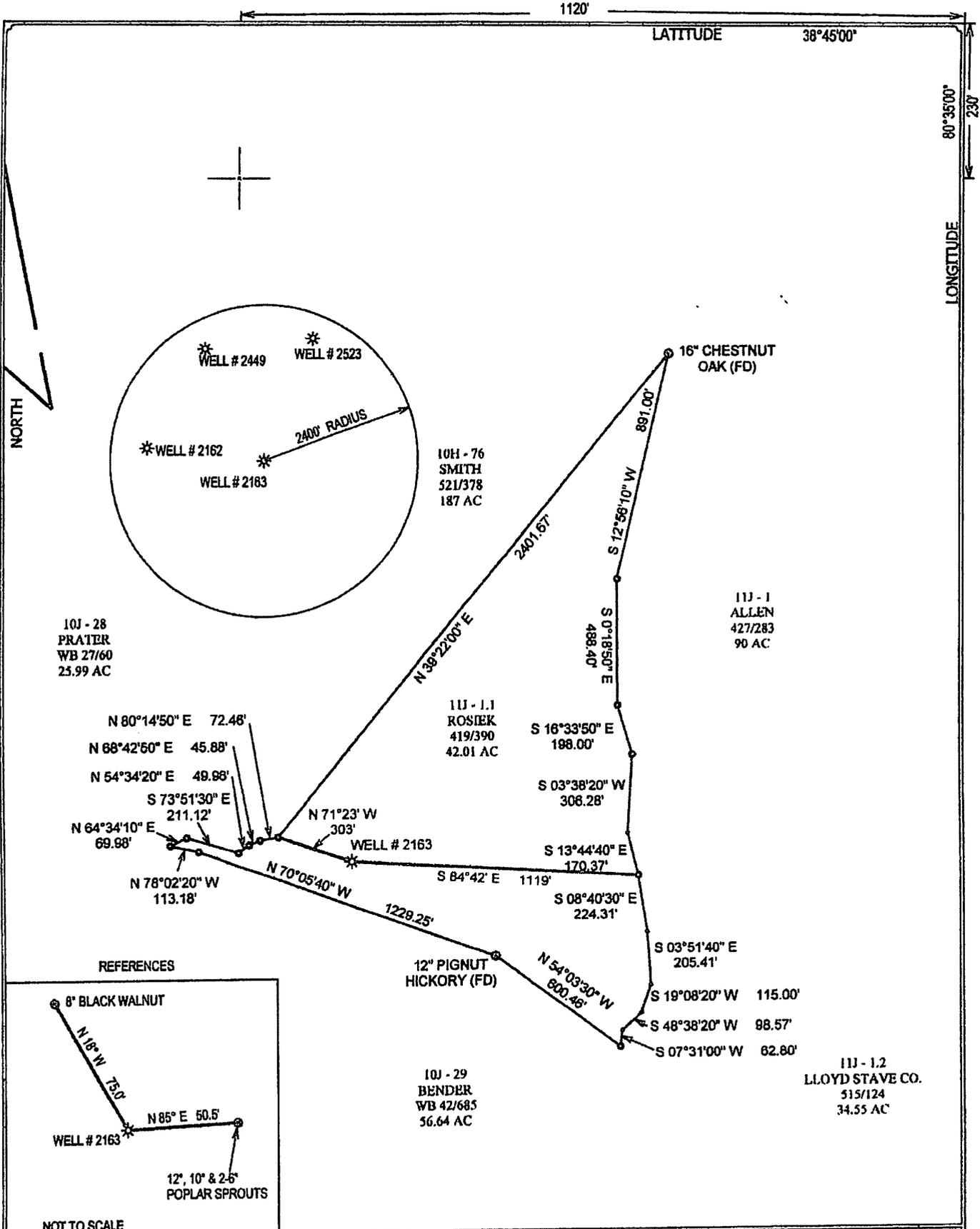
WV Department of  
Environmental Protection

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.

Michael Baker PRES. 5/23/17  
Signature Title Date

06/16/2017



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL & GAS  
 601 57TH STREET SE  
 CHARLESTON, WEST VIRGINIA 25304-2345

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

LOCATION: ELEVATION: 1010' WATERSHED: BERRY FORK DISTRICT: SALT LICK COUNTY: BRAXTON 7.5' QUADRANGLE: NEWVILLE

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG

SURFACE OWNER(S): STANLEY ROSIEK SURFACE ACREAGE: 42.01 AC

OIL & GAS ROYALTY OWNER(S): STANLEY ROSIEK LEASE NO.: N/A LEASE ACREAGE: 42.01 AC

WELL OPERATOR: J.C. BAKER & SON, INC.

ADDRESS: 601 ELK ST, GASSAWAY, WV 26624

DESIGNATED AGENT: MIKE BAKER

ADDRESS: 801 ELK ST, GASSAWAY, WV 26624

PROJECT: ROSIEK WELL NO. 1

TARGET FORMATION: BENSON

ESTIMATED DEPTH: 3800'

MIN. DEGREE OF ACCURACY: 1" = 200'

REFERENCE BENCHMARK: BERRY TRIANGULATION

BENCHMARK ELEVATION: 1664'

DATE: 5/18/2017

SIGNED: *Pat Roberto*

PROJECT NO.: 85037-101-16 WORK ORDER: 70251

DRAFTER: SFR APPROVED BY: SPR SCALE: 1" = 500' CAD FILE: 85037\_well.dgn

PLACE SEAL HERE

