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**west virginia** department of environmental protection

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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

September 15, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-8703356, issued to EVERETT, RALPH W., 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: 1  
Farm Name: BUCHANAN, DAVID  
**API Well Number: 47-8703356**  
**Permit Type: Plugging**  
Date Issued: 09/15/2015

**Promoting a healthy environment.**

**9/18/2015**

## 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.

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### CONDITIONS

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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.



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west virginia department of environmental protection

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

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

September 14, 2015

Tim and Stacy Callow  
2013 Clay Road  
Spencer, WV 25276

Re: Permit Application for API: 47-087-03356 Plugging

Dear Mr. and Mrs. Callow:

The Office of Oil and Gas (OOG) has completed its review of the above referenced permit application submitted by Ralph W. Everett. The Roane County oil and gas inspector examined the site to ensure compliance with all applicable requirements of Article 6, Chapter 22 of the West Virginia Code and Legislative Rule Title 35, Series 4. Also, your comments were sent to the applicant to ensure it was aware of your concerns. The applicant's response is enclosed for your records.

After considering your comments, the applicant's response, and the inspector's findings, the OOG has determined that the application meets the requirements set forth in the above statute and legislative rule. Consequently, the OOG is issuing the permit today. For your information and convenience, I am including with this letter a copy of the permit as issued.

As you may know, surface owners are entitled to compensation for damages to their property resulting from oil and gas drilling activity. Absent an agreement by the parties, such damage compensation may be addressed pursuant to Article 7, Chapter 22 of the West Virginia Code. Please contact Gene Smith at (304) 926-0499, extension 1652 if you have questions.

Sincerely,

Jeffrey W. McLaughlin  
WV DEP Office of Oil & Gas  
Technical Analyst  
B. S. Of Petroleum Engineering

Enclosure

cc: Ralph W. Everett  
Joe Taylor, OOG Inspector

Promoting a healthy environment.

9/18/2015



June 6, 2015

87-03356P

This notification of well being plugged was received on June 3, 2015. We signed certified letter notification on June 1 and postal service delivered letter on June 3rd.

This letter in regards to well #1 located on property of Tim and Stacy Callow located at address of 2013 Clay Road, Spencer, WV 25276. Driller is Ralph w. Everett of Tulsa, Oklahoma. Well is located in Roane County, Spencer district, elevation 941GR, watershed Spring Creek, and quadrangle Spencer 7.5, API 47-087-3356. Our phone number is 304-519-5228.

We are requesting that land be returned to original condition with grass seeding with no grass types to be used that are known to be dangerous to livestock and horses. We are requesting if land is accessed via route 36 entrance into property, that road returned to drivable condition with gravel replacement for any wear and tear causing road to be worse than current condition. We have documentation of road improvements that were made approximately 5 years ago and State Road currently maintains six tenths of approximately mile long roadway designated as 36/1. We are also requesting that David Buchanan II be removed as designated agent as he is land owner of neighboring property and of relation. We requesting this to limit family issues and/or disagreements.

The access road shown on the survey completed in 1980 no longer exists due to disuse and currently part of our pasture. There is a 10 foot gate located at entrance of access road off of Short Cemetery Road, tree removal would be required for larger equipment to enter this entrance.

The property currently has 8 head of cattle present owned by James Hill of Reedy, WV with intact barbed wire fencing. If cattle were injured, lost, or killed in plugging process we are requesting that Mr. Hill would be compensated for damages and/or loss. We also have two horses and one miniature mule which we would anticipate compensation for injury and/or loss. David Buchanan II has one miniature pony on property. We also wish for any damage to fencing and gates be returned to original condition if removal is needed for equipment to access property.

Received  
Office of Oil & Gas  
JUN 08 2015

Stacy R Callow Stacy R Callow Tim Callow [Signature]  
6/6/2015 6/6/15

9/18/2015

June 6, 2015

87-03356P

We would also wish that monument location marker be at ground level to allow adequate ability for us to bush hog area to limit damage to equipment and be to expand pasture. We also would like for removal and replacement of contaminated soils from tank leakage to prevent poisoning of livestock via soil and/or water contamination.

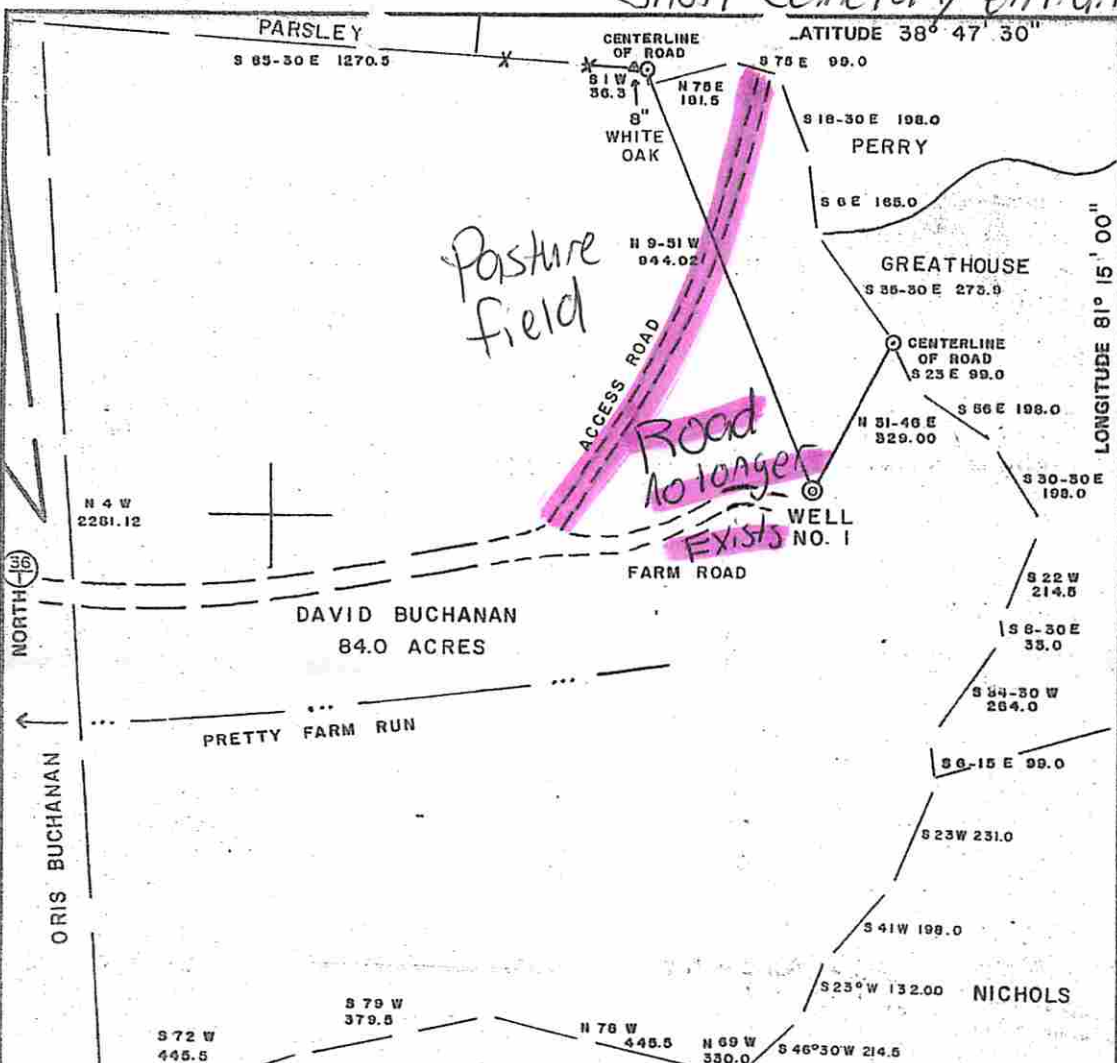
Stacy R. Callow Stacy R. Callow 6/6/15  
Tim Callow Tim Callow  
6/6/15

Received  
Office of Oil & Gas  
JUN 08 2015

9/18/2015

Short Cemetery entrance

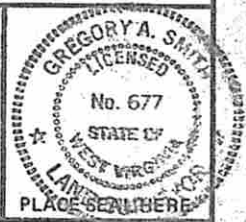
8703356P



RA 36 entrance

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 300'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION SPOT TOP OF HILL  
 270 NORTH OF PROPERTY

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 DEPARTMENT OF MINES.  
 (SIGNED) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE JULY 22, 19 80  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
47-087-03356  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 941 WATER SHED PRETTY FARM RUN  
 DISTRICT SPENCER COUNTY ROANE  
 QUADRANGLE SPENCER 7.5  
 SURFACE OWNER DAVID & NANCY BUCHANAN ACREAGE 84  
 OIL & GAS ROYALTY OWNER RUTH EVERETT LEASE ACREAGE 84

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 \_\_\_\_\_  
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2250  
 WELL OPERATOR RALPH W EVERETT DESIGNATED AGENT HAYS & COMPANY  
 ADDRESS 13405 GREEN VALLEY DRIVE ADDRESS P. O. BOX 590  
OKLAHOMA CITY OK73120 SPENCER, W.V. 25276

Received  
 Office of Oil & Gas  
 JUN 08 2015



**McLaughlin, Jeffrey W**

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**From:** Lynn <lynndeverett@gmail.com>  
**Sent:** Sunday, August 09, 2015 8:57 PM  
**To:** McLaughlin, Jeffrey W  
**Cc:** Lynn Everett  
**Subject:** Plugging Permit Application (API 87-03356)

August 10, 2015

Attn: Mr Jeff McLaughlin  
WV Dept. of Environmental Protection  
Office of Oil and Gas  
601 57th Street, S.E.  
Charleston, WV 25304

Dear Jeff,

This memorandum is submitted per your request for response to surface owners Tim and Stacy Callow's letter dated June 16, 2015. Responses addressing their individual concerns are as follows:

A. Well site and tank battery area:

1. A vacuum truck will be used to remove all fluids from the storage tanks before loading and hauling the tanks to an off lease site for salvage. Similarly, any well bore fluids containing oil or salt water that is displaced from the hole during plugging operations will be recovered and hauled off lease for disposal.
2. Their desire that the location marker be at ground level is a valid request.
3. Any soil that is barren due to contamination (and not erosion) could be removed down to plow depth (12 to 15 inches) and buried below plow depth on the well site area. Soil from the burial hole would then be used to fill the holes dug. Disturbance of established grasses would be minimized by this approach.
4. Landowners concern about grass seed chosen for restoration of well site is valid and I will obtain his concurrence on the type of grass seed used.

B. Access to Well, Precautions, Etc.

1. Landowner has accurately described the two access roads to well site. Access route has not been decided by operator. Operator's intent is to conduct operations during dry season of year to minimize damage to either route chosen. If the route 36 entrance to the property is chosen, the private road condition would be confirmed prior to equipment move-in. Following completion of plugging operations and equipment removal, that road would be returned to drivable condition with gravel replacement to restore the previous condition.
2. Plugging contractors personnel will be told to close all gates opened after moving equipment through the gates. Contractor will be advised of their financial liability for injury, death or loss of

any livestock due to negligence by contractors personnel.

3. Landowners' request that David Buchanan II be removed as designated agent is a non-issue. David Buchanan II will not be supervising the operations and has no reason to be on the property during said operations. The need for a designated agent ends upon the completion of the plugging and abandonment.

Apologies for the delay. If you have any questions, feel free to give me a call at (918) 481-5874

Sincerely,

Ralph W. Everett  
6525 East 89th Place  
Tulsa, Oklahoma 74133



WW-4B  
Rev. 2/01

1) Date May 29, 2015  
2) Operator's Well No. 1 (one)  
3) API Well No. 47-087-3356

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

5) Location: Elevation 941 GR Watershed Spring Creek  
District Spencer County Roane Quadrangle Spencer 7.5

6) Well Operator Ralph W. Everett 7) Designated Agent David Buchanan II  
Address 6525 E 89th PL Address 2011 Clay Road  
Tulsa, OK 74133 Spencer, WV 25276

8) Oil and Gas Inspector to be notified Name Ed Gainer  
Address P.O. Box 821  
Spencer, WV 25276  
9) Plugging Contractor Name Not Determined  
Address \_\_\_\_\_

• MAKE SURE 6% GEL SPACERS ARE PLACED BETWEEN ALL CEMENT PLUGS.

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

1. MI&RU casing pulling unit & circulating pit, etc. Pull rods, pump and tubing.

★ 2. Run tubing & wash hole clean below perfs at 2105'- 13'. Spot a 100 ft balanced cement plug.  
Pull tbg above plug to 1850'(+/-) & SD for night. Confirm plug top before pulling tubing from hole

3. Install lift joint on 4-1/2" casing. Rig up wireline unit. Pull tension on casing & determine the free point. Cut off the 4-1/2" casing & pull wireline tools from hole. Pull the 4-1/2" casing from hole.

\* 4. Run tubing open ended to top of 4-1/2" casing stub & spot a balanced 100 ft cement plug.  
*SET 100' CLASS A CEMENT PLUG FROM 900'-900'.*

*SET CLASS A CEMENT PLUG FROM 300' TO 300'.* Confirm plug placements as requested. RECEIVED

5. Install monument or marker describing well bore identity as required by law.

Office of Oil and Gas

★ MAKE SURE 100' CLASS A CEMENT PLUG HAS A TOP OF AT LEAST 2000'.

JUN 10 2015

\* 100' CLASS A CEMENT PLUG ACROSS CASING CUT @ ~ 1600'.

WV Department of

Environmental Protection

GEL IS DEFINED AS FRESH WATER W/ A MINIMUM OF 6% BENTONITE (BY WEIGHT).

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

Work order approved by inspector



Date

6/9/15



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Spencer 7.5'

Permit No. 47-037-3356

Rotary X Oil X  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Ralph W. Everett  
Address Oklahoma City, Oklahoma  
Farm Buchanan Acres 84  
Location (waters) Pretty Farm Run  
Well No. \_\_\_\_\_ Elev. 941 GL  
District Spencer County Roane  
The surface of tract is owned in fee by \_\_\_\_\_  
David Buchanan  
Address Spencer, W. Va.  
Mineral rights are owned by Ruth Everett  
Address Midland, Texas  
Drilling Commenced October 4, 1980  
Drilling Completed October 9, 1980  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 30,000 cu. ft. per day 5 bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	250'	250'	82 cf (70 sx)
7			
5 1/2			
4 1/2	2203'	2203'	143cf (90 sx)
3			
2	2113'	2113'	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated Big Injun Sand @2105-13 W/17 - 0.39" holes. Broke Perforations down w/500 gals 15% HCl NE acid and hydraulically fractured w/22,000 gals. Dowell YF4PSD crosslink polymer fluid plus 30,000 lbs 80/100 mesh sand and 60,000 lbs 20/40 mesh sand.

Received  
Office of Oil & Gas  
JUN 15 2015  
Feet \_\_\_\_\_

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Sand Depth 2101 -2116

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & sands			Surface	1744		
Sand			1744	1890		
Shale & lime			1890	2004		
Greenbrier Limestone			2004	2094	Oil & Gas Show @ 2065 *	
Shale			2094	2101		
Sand (white)			2101	2116	Oil & Gas	*
Shale			2116	2126		
Sand			2126	2136	Water	
Shale & sandy shale			2136	2210	Total Depth	9/18/2015

(over)

\* Indicates Electric Log tops in the remarks section.



1) Date: May 29, 2015  
2) Operator's Well Number 1 (one)  
3) API Well No.: 47 - 087 - 3356

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

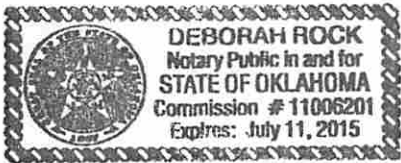
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Tim Callow</u>	Name _____
Address <u>2825 Parkersburg Road</u>	Address _____
<u>Reedy, WV 25270</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Ed Gainer</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 821</u>	Name _____
<u>Spencer, WV 25276</u>	Address _____
Telephone <u>304 - 389 - 7582</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 Ralph W. Everett  
 By: Ralph W. Everett  
 Its: Operator  
 Address 6525 E 89th PL  
Tulsa, OK 74133  
 Telephone 918 - 481 - 5874

Received  
Office of Oil & Gas  
2015-08-08

Subscribed and sworn before me this 29th day of May  
Deborah Rock Notary Public  
My Commission Expires 7-11-2015

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

8703356P

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <input checked="" type="checkbox"/> Agent  <input type="checkbox"/> Addressee  X Callows</p> <p>B. Received by (Printed Name)  Callows</p> <p>C. Date of Delivery  6-3-15</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No  If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Tim Callows ✓  2825 Parkersburg Rd  Reedy, WV 25270</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number  (Transfer from service label)</p>	<p>7013 2250 0001 7829 9572</p> <p>Domestic Return Receipt</p>

PS Form 3811, July 2013

Received  
Office of Oil & Gas  
JUN 08 2015

9/18/2015



8703356 P

WW-9  
(2/15)

API Number 47 - 087 - 3356  
Operator's Well No. 1 (one)

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Ralph W. Everett OP Code 307261  
Watershed (HUC 10) Spring Creek Quadrangle Spencer 7.5

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 \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

Will closed loop system be used? If so, describe: steel pits c/w circ. pumps, mixers & injection pump/skid

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. 6%gelled freshwater

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

Additives to be used in drilling medium? bentonite

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. excess medium to be moved offsite(\*)

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

-Landfill or offsite name/permit number? \* Note: contractor to arrange disposal site as required.

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 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 Ralph W. Everett  
Company Official (Typed Name) Ralph W. Everett  
Company Official Title Operator

Subscribed and sworn before me this 29th day of May, 2015  
Deborah Rock Notary Public

My commission expires 7-11-15



Form WW-9

Operator's Well No. 1 (one)

Ralph W. Everett

Proposed Revegetation Treatment: Acres Disturbed 0.5 (est.) Prevegetation pH \_\_\_\_\_

Lime \_\_\_\_\_ Tons/acre or to correct to pH 6.5

Fertilizer type 10 - 20 - 20 or equal

Fertilizer amount 600 lbs/acre

Mulch 2 (two) Tons/acre

RECEIVED  
Office of Oil and Gas

JUN 10 2015

WV Department of  
Environmental Protection

Seed Mixtures

**Temporary**

**Permanent**


Seed Type	lbs/acre
<del>Kentucky 31 Fescue</del>	<del>30</del>
<u>Orchard Grass</u>	
<u>Timothy</u>	
<u>Woods Clover</u>	
<u>Annual Ryegrass</u>	

Seed Type	lbs/acre
Birdsfoot trefoil	12

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: 

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

Title: Inspector

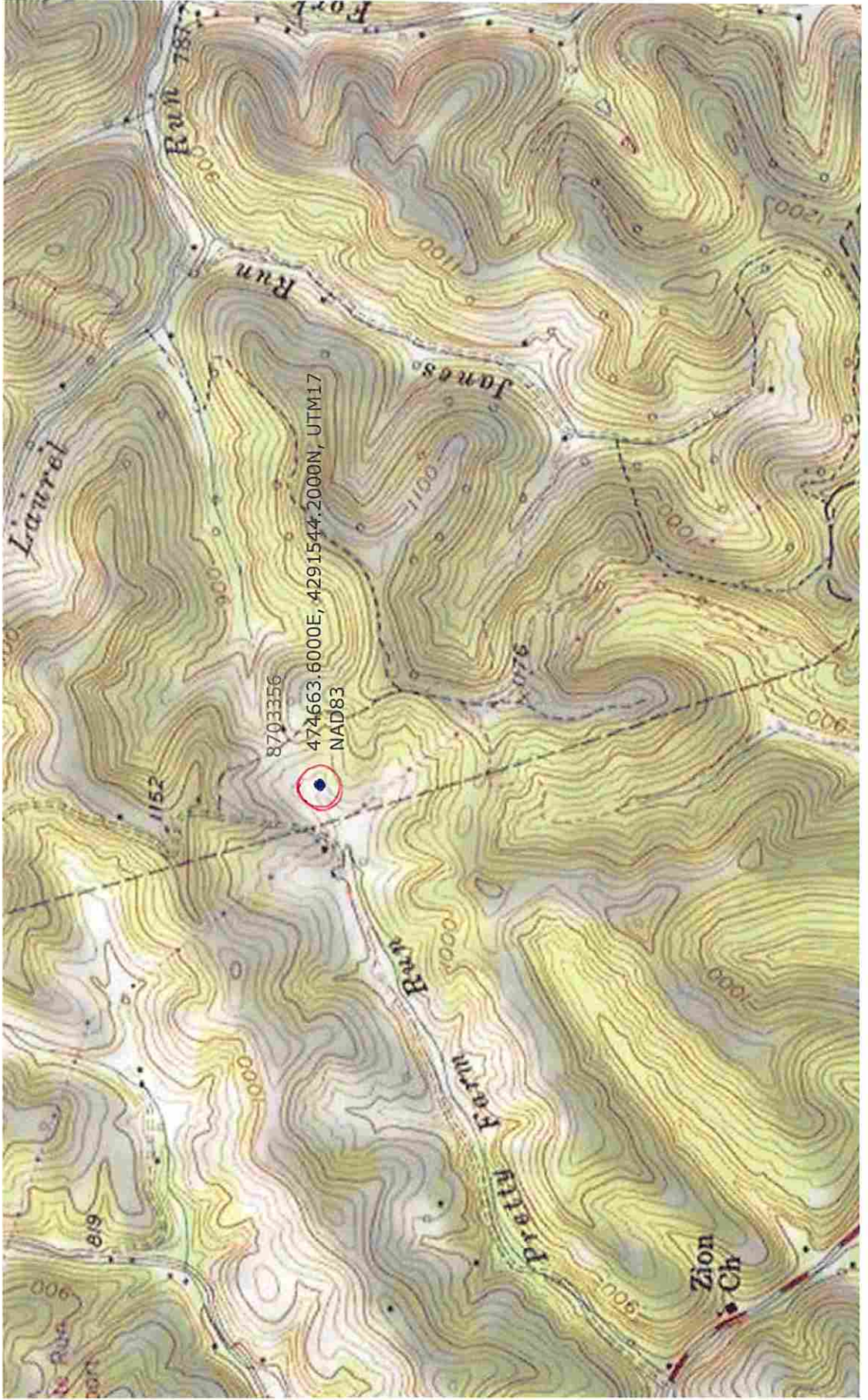
Date: 6/9/15

Field Reviewed?

Yes

No



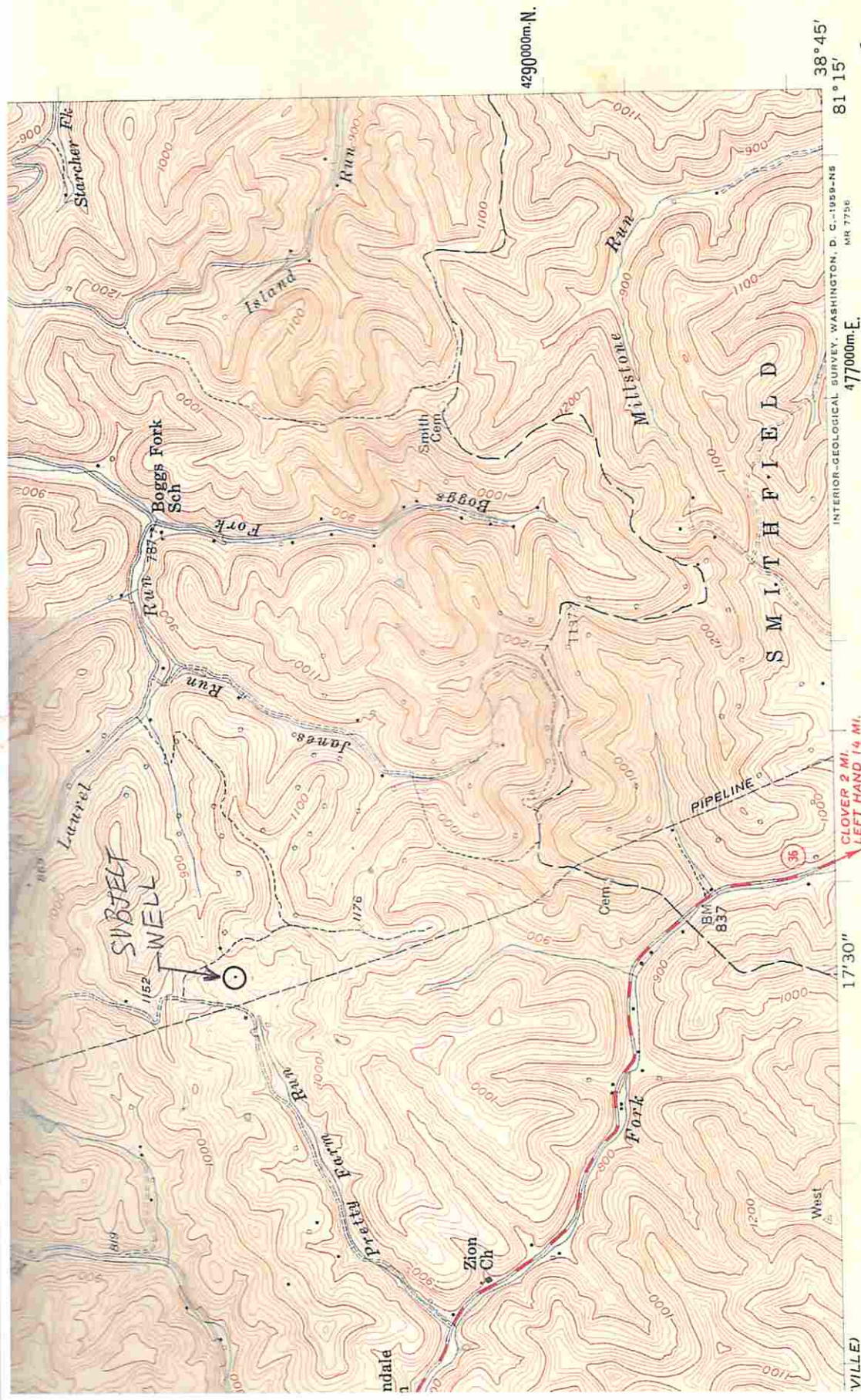


9/18/2015

8703356



8703356P



4290000m.N.  
38° 45'  
81° 15'  
477000m.E.  
INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1958-NS  
MR 7736  
NOTTER 1:62 500)

ROAD CLASSIFICATION

- Heavy-duty ————
- Medium-duty ————
- Light-duty ————
- Unimproved dirt ————
- U. S. Route
- State Route

SPENCER, W. VA.  
SE 1/4 SPENCER 15' QUADRANGLE  
N 3845—W 8115/7.5

1957



PIPELINE  
CLOVER 2 MI.  
LEFT HAND 14 MI.

17'30"

24000

1 MILE  
2400 FEET  
2000  
1000  
0

Received  
Office of Oil & Gas  
JUN 08 2015

VERTICAL ACCURACY STANDARDS  
SURVEYED IN WASHINGTON 25, D. C.  
AND SYMBOLS IS AVAILABLE ON REQUEST

9/18/2015



8703356P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 087 - 3356 WELL NO.: 1 (one)

FARM NAME: David Buchanan

RESPONSIBLE PARTY NAME: Ralph W. Everett

COUNTY: Roane DISTRICT: Spencer

QUADRANGLE: Spencer 7.5

SURFACE OWNER: Tim Callum

ROYALTY OWNER: Ralph W. Everett (1/2) & Sandra K. Davis (1/2)

UTM GPS NORTHING: 429,1544.2 = 38°46'20.14"

UTM GPS EASTING: 474,663.6 = -81°17'30" GPS ELEVATION: 286.817 = 941ft.

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 \_\_\_\_: Post Processed Differential \_\_\_\_  
Real-Time Differential \_\_\_\_

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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.

Ralph W. Everett  
Signature

Operator  
Title

6/11/2015  
Date

DATE: June 11, 2015  
ATTN: Wade Stansberry

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RE: Data Request  
David Buchanan Well No. 1  
API No. 47-087-3356  
Roane County, WV

Enclosed are (1) a signed copy of Form WW-7, (2) a copy of the Well Record submitted, and (3) a copy of the Compensated Density log with caliper for the interval 1760' to total depth.

For your entry on Form WW-7 are the following data items:

- (a) Well location is  $38^{\circ}46'20.14''$  Latitude North and  $81^{\circ}17'30''$  Longitude West.
- (b) Well Elevation is 286.817 meters (metric).

Call me at (918) 481-5874 if there are any questions.

Sincerely,  
Ralph W. Ewert

**CEMENTING SERVICE REPORT  
SUPPLEMENT LOG**

DWL-496-L PRINTED IN U.S.A.



DOWELL DIVISION OF DOW CHEMICALS  
AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

TREATMENT NUMBER: 1-12-3856  
DATE: 10-8-80  
AGE: DOWELL DISTRICT: 12200111e

8703356 P

WELL NAME AND NO. **Buchanan #1**  
 LOCATION (LEGAL) **Bosgs Folk**  
 FIELD-POOL \_\_\_\_\_  
 COUNTY/PARISH **Roane** STATE **WVa.** API. NO. **3356**  
 NAME **Ralph Everett**  
 ADDRESS \_\_\_\_\_  
 ZIP CODE \_\_\_\_\_

RIG. NAME: **Stalwaker**  
 WELL DATA:  
 BIT SIZE **7 7/8** CSG/LINER SIZE \_\_\_\_\_  
 TOTAL DEPTH **2210** WEIGHT **4 1/2 10.50 #**  
 ROT  CABLE TOP **GL + 6'**  
 MUD TYPE \_\_\_\_\_ BOTTOM **2203**  
 BHST GRADE \_\_\_\_\_  
 BHCT  
 MUD DENSITY \_\_\_\_\_ THREAD **8rd.** TOTAL \_\_\_\_\_  
 MUD VISC. \_\_\_\_\_ CAPACITY **33**  
 HEAD & PLUGS  TBG  D.P. SQUEEZE JOB \_\_\_\_\_  
 DOUBLE SIZE \_\_\_\_\_ TOOL TYPE \_\_\_\_\_  
 SINGLE  WEIGHT DEPTH \_\_\_\_\_  
 SWAGE  GRADE TAIL PIPE: SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 KNOCKOFF  THREAD TUBING VOLUME \_\_\_\_\_ Bbls  
 TOP  R  W  NEW  USED CASING VOL. BELOW TOOL \_\_\_\_\_ Bbls  
 BOT  R  W DEPTH \_\_\_\_\_ TOTAL \_\_\_\_\_ Bbls  
**Latch** ANNUAL VOLUME \_\_\_\_\_ Bbls

SPECIAL INSTRUCTIONS \_\_\_\_\_

SHOE FLOAT TYPE **Latch insert** DEPTH **2183**  
 TYPE **Flap Float** DEPTH **2203**

PRESSURE LIMIT **3500** PSI BUMP PLUG TO **1250** PSI  
 ROTATE \_\_\_\_\_ RPM \_\_\_\_\_ RECIPROCATE \_\_\_\_\_ FT \_\_\_\_\_ NO. OF CENTRALIZERS **4**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
2300								PRE-JOB SAFETY MEETING Tail Gate Meeting.
2345			5	5				Spot trucks Hook up.
			35	30				Break Circulation
			40	5				Pump 30 Bbl 5% Gel / 1 sk. Flake
			68	28				" 5 " Water
2400								" 90 sks R.F. Cement
109-80 0015	1250		104	34.7				Wash out hives Drop Plug.
								Follow Plug / 34.7 Bbl Water
								Plug down + Holding.
								Rig down + Wash up.
								Leave Log.

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REMARKS \_\_\_\_\_

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED BBLs	DENSITY
1	70	1.59	R.F. Cement	(10-1)	27	14.2
2						
3						
4						
5						
6						

BREAKDOWN FLUID: TYPE \_\_\_\_\_ VOLUME \_\_\_\_\_ DENSITY \_\_\_\_\_ PRESSURE MAX: **1250** MIN: \_\_\_\_\_  
 HESITATION SQ  RUNNING SQ CIRCULATION LOST  YES  NO CEMENT CIRCULATED TO SURF  YES  NO  
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **34.7** Bbls TYPE OF WELL  OIL  STORAGE  BRINE WATER  
 GAS  INJECTION  WILDCAT  
 WASHED THRU PERFS  Yes  No TO \_\_\_\_\_ FT MEASURED DISPLACEMENT   WIRELINE  
 PERFORMANCES: TO \_\_\_\_\_ TO \_\_\_\_\_ CUSTOMER REPRESENTATIVE \_\_\_\_\_ DOWELL SUPERVISOR **T.W. Kirchberg** **9/18/2015**

**CEMENTING SERVICE REPORT SUPPLEMENT LOG**

DOWELL DIVISION OF DOW CHEMICALS  
OPERATING UNIT OF THE DOW CHEMICAL COMPANY

TREATMENT NUMBER: 2837 DATE: 8703356P  
10-5-80  
DOWELL DISTRICT

DWL-496-L PRINTED IN U.S.A.

WELL NAME AND NO.		LOCATION (LEGAL) <b>SPENCER</b>		RIG NAME: <b>Gene Stalunker</b>	
FIELD-POOL		FORMATION		WELL DATA:	
COUNTY/PARISH <b>Acadia</b>		STATE <b>W. Va</b>	API. NO.	BIT SIZE <b>11"</b>	CSG/LINER SIZE <b>2 3/4"</b>
NAME <b>Ralph Everett</b>		AND		TOTAL DEPTH <b>290'</b>	WEIGHT <b>20</b>
ADDRESS		ZIP CODE		<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	TOP <b>6'</b>
SPECIAL INSTRUCTIONS <b>Cement 8 1/2 casing</b>				MUD TYPE	BOTTOM <b>2AR</b>
				<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	GRADE <b>40W</b>
				MUD DENSITY	THREAD <b>3 Rd</b>
				MUD VISC.	CAPACITY <b>16 BBL</b>
				HEAD & PLUGS	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.
				<input type="checkbox"/> DOUBLE	SIZE
				<input type="checkbox"/> SINGLE	<input type="checkbox"/> WEIGHT
				<input checked="" type="checkbox"/> SWAGE	<input type="checkbox"/> GRADE
				<input type="checkbox"/> KNOCKOFF	<input type="checkbox"/> THREAD
				TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED
				BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH
				SHOE FLOAT	TYPE
				DEPTH	DEPTH
				STAGE TOOL	TYPE
				DEPTH	DEPTH
PRESSURE LIMIT <b>500</b> PSI		BUMP PLUG TO		PSI	
ROTATE		RPM	RECIPROCATATE	FT	NO. OF CENTRALIZERS

TIME 0001 to 2400	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
<b>1445</b>			<b>15</b>		<b>3</b>			PRE-JOB SAFETY MEETING <b>Hook up casing</b>
			<b>15</b>		<b>3</b>			<b>PUMP Fresh Water</b>
			<b>16</b>		<b>3</b>			<b>Pump next cement</b>
<b>1550</b>		<b>200</b>			<b>3</b>			<b>PUMP Fresh Water</b>
<b>1630</b>								<b>Displacement in</b>
								<b>Rock up Wash up 16 1/2 loc</b>
								<b>THANK YOU</b>

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SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED		
			INCREMENT	CUM	INJECT RATE	BBLs	DENSITY	
<b>1.</b>	<b>70</b>	<b>1.18</b>	<b>70 SK</b>	<b>port w/4% Cal</b>			<b>15</b>	<b>15.6</b>
<b>2.</b>								
<b>3.</b>								
<b>4.</b>								
<b>5.</b>								
<b>6.</b>								

BREAKDOWN FLUID: TYPE		VOLUME		DENSITY		PRESSURE MAX: <b>200</b> MIN:	
<input type="checkbox"/> HESITATION SO.		<input type="checkbox"/> RUNNING SO.		CIRCULATION LOST		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
BREAKDOWN		PSI FINAL		PSI		DISPLACEMENT VOL <b>16</b> Bbls	
WASHED THRU PERFS <input type="checkbox"/> Yes <input type="checkbox"/> No		TO		FT		MEASURED DISPLACEMENT <input checked="" type="checkbox"/> WIRELINE	
PERFORATIONS:		TO		TO		CUSTOMER REPRESENTATIVE	
						DOWELL SUPERVISOR <b>W. Holley</b> 9/18/2015	



8703356P

# COMPENSATED DENSITY LOG

LOG NO. \_\_\_\_\_

COMPANY RALPH W. EVERETT

WELL DAVID BUCHANAN #1

FIELD SPENCER DIST.

COUNTY ROANE STATE WV

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Other Services:  
INDUCTION  
GAMMA RAY  
NEUTRON

PERMIT # ROANE 3000  
47-087

Depth Datum: GROUND LEVEL; Elev.: 941  
Measured From KELLY BUSHING, 4 Ft. Above Perm. Datum  
g Measured From KELLY BUSHING

Elev.: K.R. 945  
D.F. \_\_\_\_\_  
G.L. 941

Log No.	10-8-80	10-8-80	10-8-80
Log	ONE	ONE	ONE
1-Driller	GAMMA RAY	F.D.C.	CALLIPER
1-Logger	2210	2210	2210
Logged interval	2180	2180	2180
Logged interval	2173	2178	2178
Logged interval	1400	1400	1400
Fluid in hole	DRILL FLUID		
Fluid in hole initially, PPM Cl.	DRILL FLUID		
Fluid in hole initially, PPM Cl.	DRILL FLUID		
Temperature, deg F.			
Drilling rig time			
Checked by	M. SHERRELL		
Checked by	MR. R. W. EVERETT		

THIS HEADING AND LOG CONFORMS TO API RP 31

Equipment Data						
Run No.	Tool No.	Source No.	Panel No.	Logging Unit	Location	
1				6	WESTON	

Calibration Data								
Run No.	Gamma Ray			CDT				
	API Scale	Background CPS	Std. CPS	Ds CPS AT	2.0	3.0	Dl CPS AT	2.0
1	200			498	326			632

Logging Data					
Run No.	Depths		Speed Ft/Min	GR TC	
	From	To			
1	2173	1400	30	4	

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P.G. 2.71 from 2178 to 1400  
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Remarks:

GAMMA RAY  
API UNITS

DEPTHS

BULK DENSITY  
GRAMS/CC

9/18/2015

0

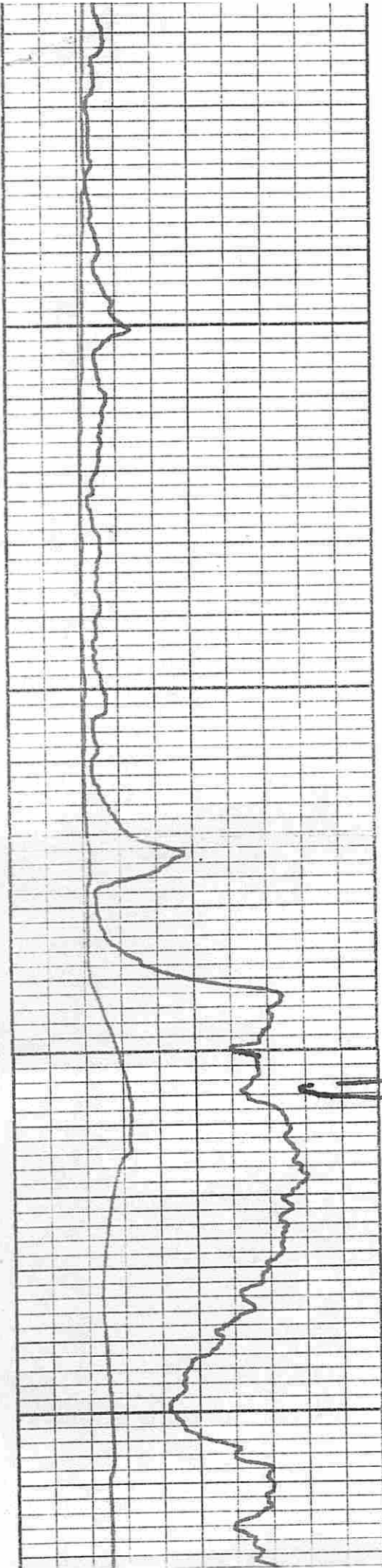
200

30

20

10





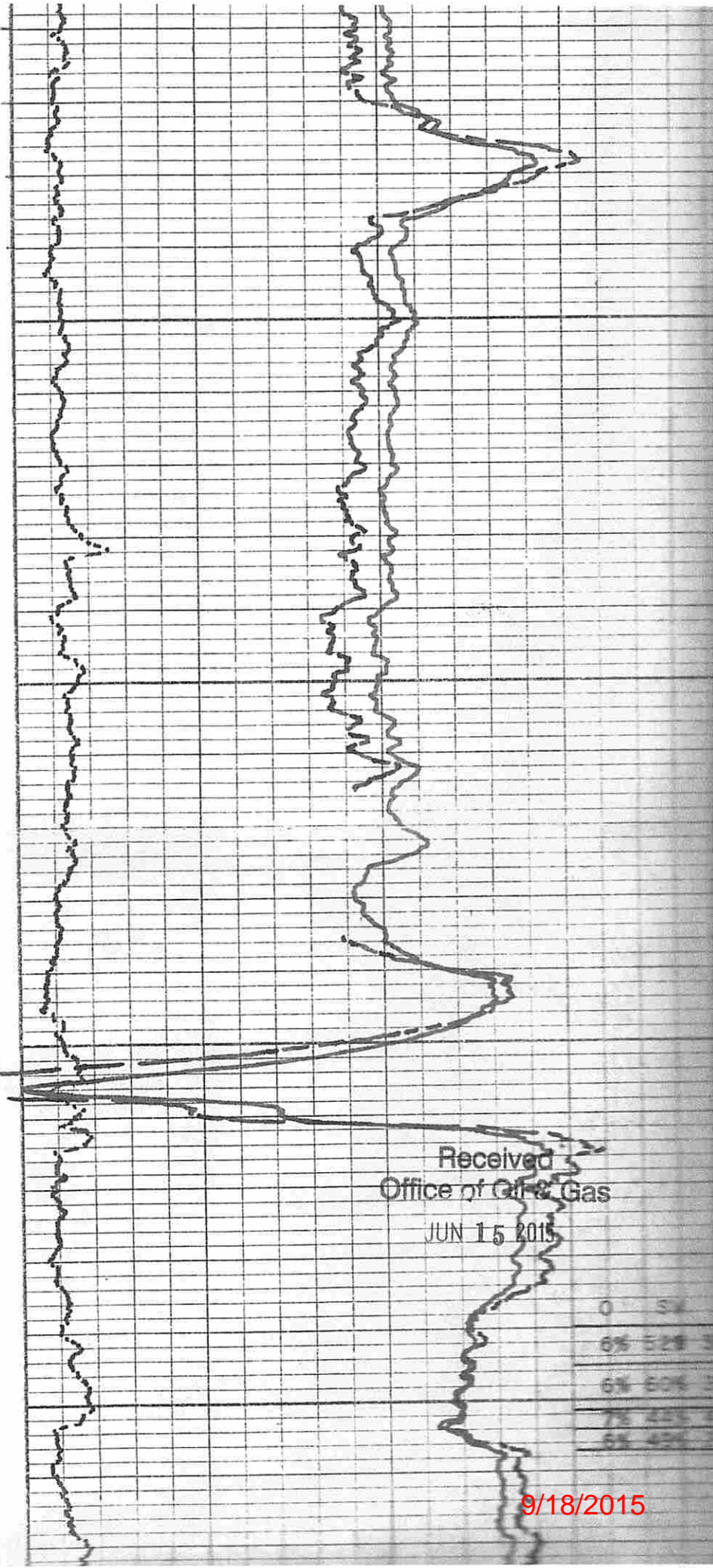
1700

1800

50

1900

50



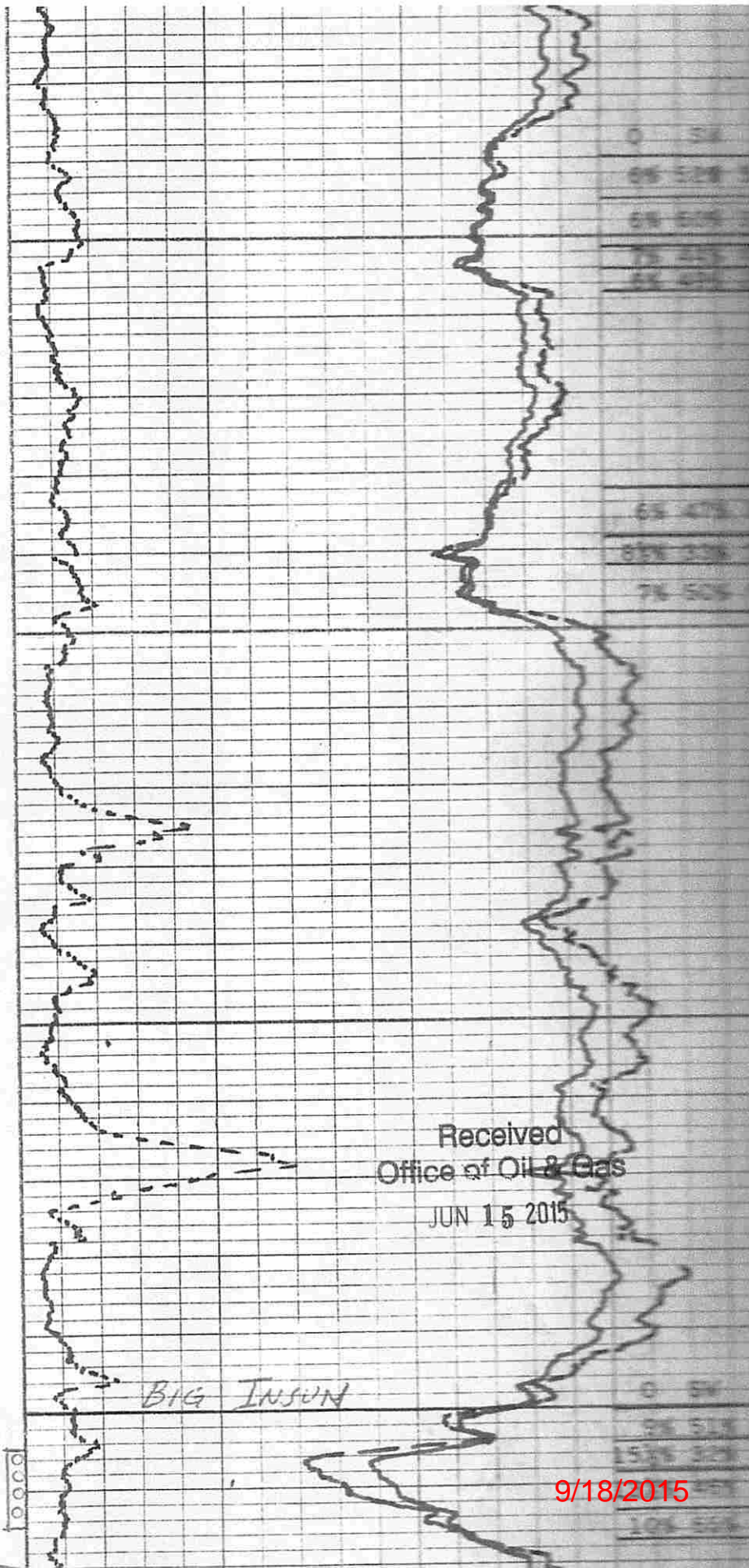
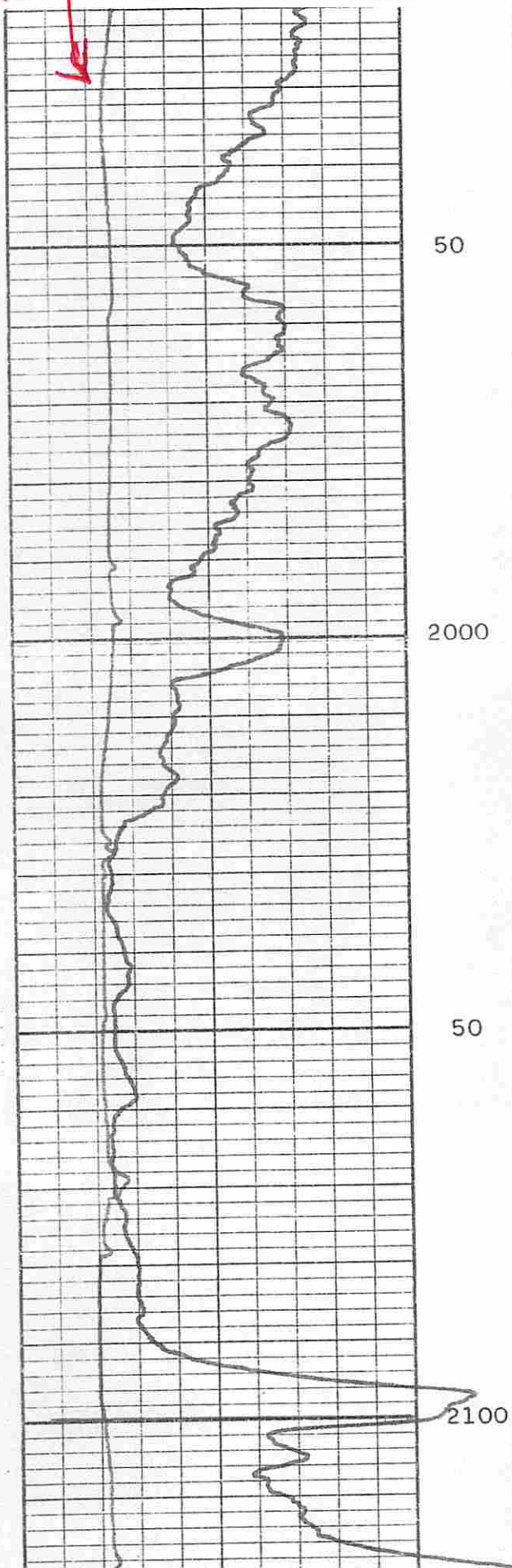
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0	34
6%	528 3
6%	506 3
7%	453 3
6%	426 3

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6 CALIPER 16

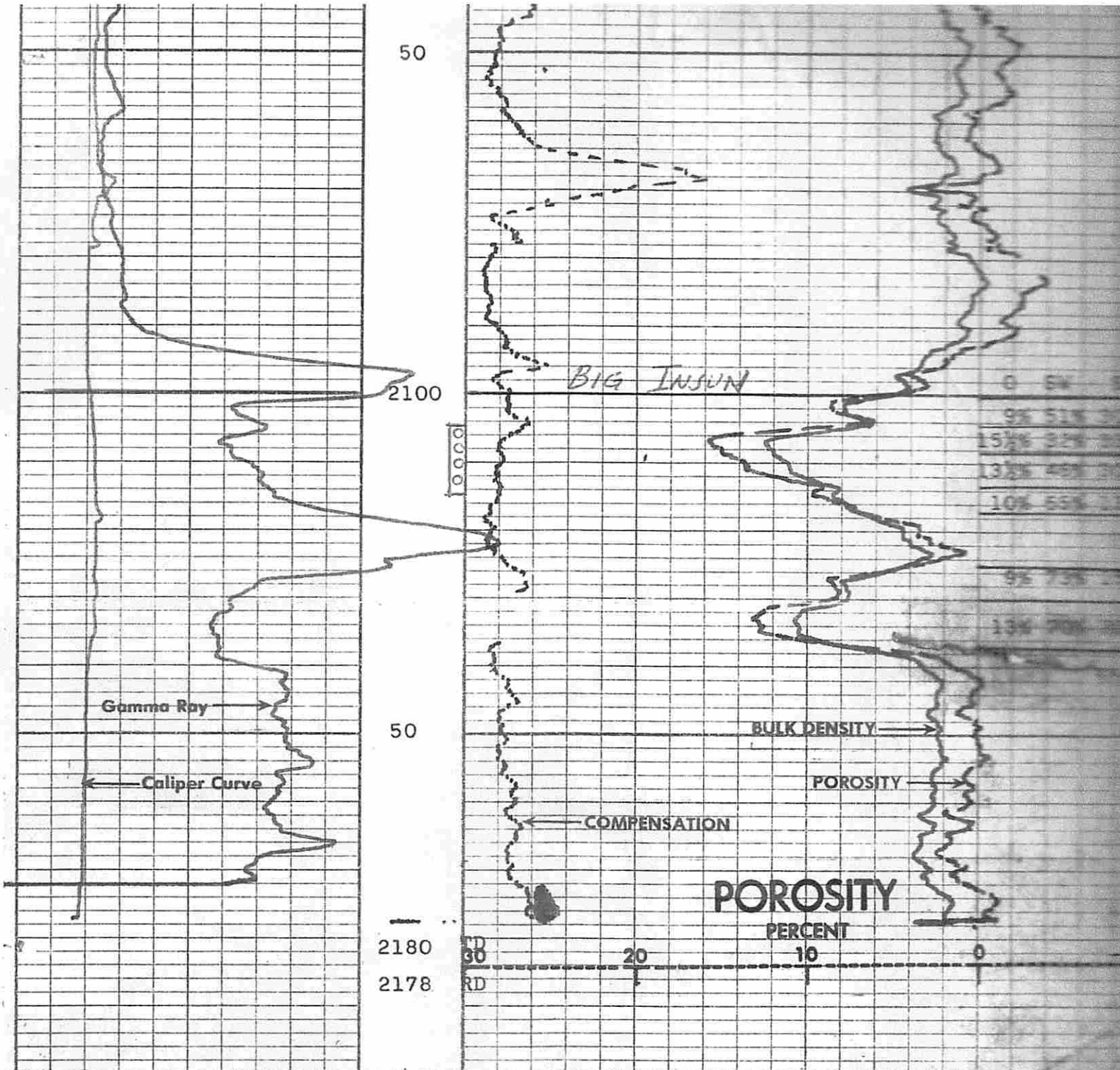


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BIG INSUN

9/18/2015





<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> <span>6</span> <span>16</span> </div> <p style="text-align: center;">HOLE SIZE - INCHES</p>
<p style="font-size: 24px; font-weight: bold;">CALIPER</p>
<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> <span>0</span> <span>200</span> </div>
<p style="font-size: 24px; font-weight: bold;">GAMMA RAY</p>

<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> <span>0</span> <span>+0.25</span> </div> <p style="text-align: center;">CORRECTION</p> <p style="text-align: center;">2.0 GRAMS/CC.</p>
<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> <span>30</span> <span>20</span> <span>10</span> <span>0</span> </div> <p style="text-align: center; font-size: 24px; font-weight: bold;">POROSITY</p> <p style="text-align: center;">PERCENT</p>
<p style="font-size: 24px; font-weight: bold;">DEPT</p>

<p style="font-size: 18px;">Received</p> <p style="font-size: 18px;">Office of Oil &amp; Gas</p> <p style="font-size: 18px;">JUN 15 2015</p>
<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> <span>2.5</span> </div> <p style="text-align: center; font-size: 24px; font-weight: bold;">BULK DENSITY</p>
<p style="font-size: 24px; font-weight: bold;">9/18/2015</p>



SLO (OL) JMM  
Comments  
7/20/15  
I  
NOW

Operator: EVERETT, RALPH W.  
API: 8703356  
WELL No: 1  
Reviewed by: JMM Date: 7/20/15  
45 Day End of Comment: 06/15/15

### CHECKLIST FOR FILING A PERMIT

#### Plugging

- WW-4B
- Inspector signature on WW-4B *Received 06/10/15*
- Completion / Well Records of Previous Work *NOD resolved 06/15/15*
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee / Operator Waiver
- WW-9 (Page 1) (Notarized) *Received 06/10/15*
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7 *NOD resolved 06/15/15*

#### OR

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

email lynn d everett @  
←  
Stacy r callow @ yahoo.com