



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. Hulliman, Cabinet Secretary
www.dep.wv.gov

July 28, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8580628, issued to UNKNOWN - DEP PAID PLUGGING CONTRACT, 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: 8
Farm Name: Cuthbert
API Well Number: 47-8580628
Permit Type: Plugging
Date Issued: 07/28/2015

WELL PLUGGING INSPECTION & RELEASE FORM

PLUGGING COMMENCED _____ OPERATOR: UNKNOWN - DEP PAID PLUGGING CONTR
 PLUGGING COMPLETED _____ FARM: Cuthbert
 VERBAL PERMISSION ON _____ WELL No: 8

1. IS COAL BEING MINED IN THE AREA?
2. WERE CEMENT AND GEL MIXED AND USED IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS?

A. BOTTOM HOLE PLUGGED	YES	NO	N/A
B. 100' PLUGS	YES	NO	N/A
C. LATEX PLUGS USED FOR H2S GAS	YES	NO	N/A
D. PROPER PLUGS THROUGH COAL SEAMS	YES	NO	N/A
E. PROPER PLUGS SET TO PROTECT FRESHWATER	YES	NO	N/A
F. PROPER AMOUNT OF GEL USED TO DISPLACE PLUGS	YES	NO	N/A

TYPE	FROM	TO	PIPE REMOVED
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3. WERE ALL CHANGES APPROVED BY INSPECTOR? YES NO
4. WAS THE EQUIPMENT USED FOR PULLING CASTING PROPERLY SIZED AND RIGGED TO PULL 150% OF THE HEAVIEST STRING OF PIPE EXPECTED TO BE PULLED? YES NO
5. DID THE OPERATOR GIVE THE INSPECTOR PROPER NOTICE? YES NO
6. WERE ACCURATE PLUGGING RECORDS KEPT BY THE OPERATOR? YES NO
7. WAS A PROPER MONUMENT SET WITH API NUMBER ATTACHED? YES NO
8. DID WELL SITE AND ACCESS ROAD MEET THE FOLLOWING RECLAMATION REQUIREMENTS?

A. RECLAIMED	YES	NO	B. FENCES REPLACED	YES	NO
C. MULCHED	YES	NO	D. PROPER DRAINAGE	YES	NO
E. SEEDED	YES	NO	F. ALL EQUIPMENT REMOVED	YES	NO
G. PIT BACKFILLED	YES	NO			

DATE RELEASED

INSPECTOR'S SIGNATURE

RECORD ALL VISITS TO THIS WELL ON PAGE 2

STATE OF WEST VIRGINIA
DIVISION 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 901' _____ Watershed Steele Run _____
District Grant _____ County Pleasants Quadrangle Petroleum _____
- 6) Well Operator WV DEP Plugging _____ 7) Designated Agent James Martin _____
Address 601 57th Street _____ Address 601 57th Street SE _____
Charleston, WV 25304 _____ Charleston, WV 25304 _____
- 8) Oil and Gas Inspector to be notified Name David W. Cowan _____ 9) Plugging Contractor Name R.L. Wharton Enterprises _____
Address Rt. 1 Box 202 _____ Address Rt. 9 Box 218 _____
Harrisville, WV 26362 _____ Buckhannon, WV 26201 _____

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

Rig up
Clean out from the surface to T.D. at Approx. 850' (No Well Record Available)
Cut and remove all free pipe.
Run tubing in the hole to TD approximately 850', gel hole using 6% gel
Set Minimum 100' Cement Plug from TD to approximately 750'
Set 6% Gel spacer
Cement well from 280-180'
run 6% gel sweep and set cement plug from 100' so surface.
Pull all free Pipe.
Gel between all plugs and tag all Plug's
Erect a monument with the API number attached

Note:
(No well record available)

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number _____ Date _____, 19____

This permit covering the well and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 Hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires _____ unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: _____ Agent: _____ Plat: _____ Casing: _____ WPCP: _____ Other: _____

Chief, Office of Oil and Gas

10/16/2015

NOTE: Keep one copy of this permit posted at the plugging location.

WW4-A
Revised
2/01

1) Date: 7/28/2015
2) Operator's Well Number Steele Run # 8-80628
3) API Well No. 47- 085- _____

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
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>Mike Ross Inc.</u>	Name <u>NA</u>
Address <u>Rt. 5 Box 29</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>NA</u>
_____	Address _____
(c) Name _____	Name <u>NA</u>
Address _____	Address _____
_____	_____
6) Inspector <u>David W. Cowan</u>	(c) Coal Lessee with Declaration
Address <u>Rt. 1 Box 202</u>	Name <u>NA</u>
<u>Harrisville, WV 26362</u>	Address _____
Telephone <u>(304) 389-3509</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	<u>WV DEP Plugging</u>
By:	<u>James Martin</u>
Its:	<u>Agent</u>
Address	<u>601 57th Street</u>
	<u>Charleston, WV 25304</u>
Telephone	<u>304 926-0499</u>

Subscribed and sworn before me this _____ day of _____

Notary Public

My Commission Expires _____

10/16/2015

WW-4D
(6-07)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned well.

This Well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a Possible pollutant to the surface or underground, or is wasting natural resources (leaking) and Must be properly plugged or cleaned out and replugged.

I hereby give the State of West Virginia permission to have a responsible contractor enter Upon or traverse my property for the purpose of plugging this well(s) and or remove tank(s)

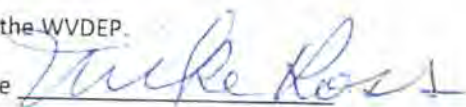
Permit No. (if known) _____ Well No.(if known) 85-90094,95,96

Farm Name Cuthbert & Carle County Ritchie

District Grant Waters of Oil spring Run

The contractor will properly Plug the above well(s), remove all materials from the Well location and reclaim, seed and mulch the well location and well road accesses used to state Specifications. The plugging and reclamation shall be supervised by the WVDEP.

Owner Name Mike Ross Inc

Owner Signature 

Owner Address Rt 5 Box 29

Buckhannon Wv 26201

Date 1-28-13

Please Return to: WVDEP-OFFICE OF OIL AND GAS

Dave Gilbert

601 57th Street

Charleston WV 25304

304-389-3705

10/16/2015

**STATE OF WEST VIRGINIA
DIVISION 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 WV DEP Plugging OP Code _____

Watershed Steele Run Quadrangle Petroleum

Elevation 901' County Ritchie District Grant

Description of anticipated Pit Waste: Plugging Fluid

Will a synthetic liner be used in the pit? Yes.

Proposed Disposal Method For Treated Pit Wastes:

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

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on June 14, 1994, by the Office of Oil and Gas of the West Virginia Division 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) James Martin

Company Official Title Agent

Subscribed and sworn before me this _____ day of _____, 19____

Notary Public

My commission expires _____

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

Proposed Revegetation Treatment: Acres Disturbed 1 acre _____ Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

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

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
<u>Pasture Mix</u>	<u>100</u>	<u>Pasture Mix</u>	<u>100</u>
_____	_____	_____	_____
_____	_____	_____	_____

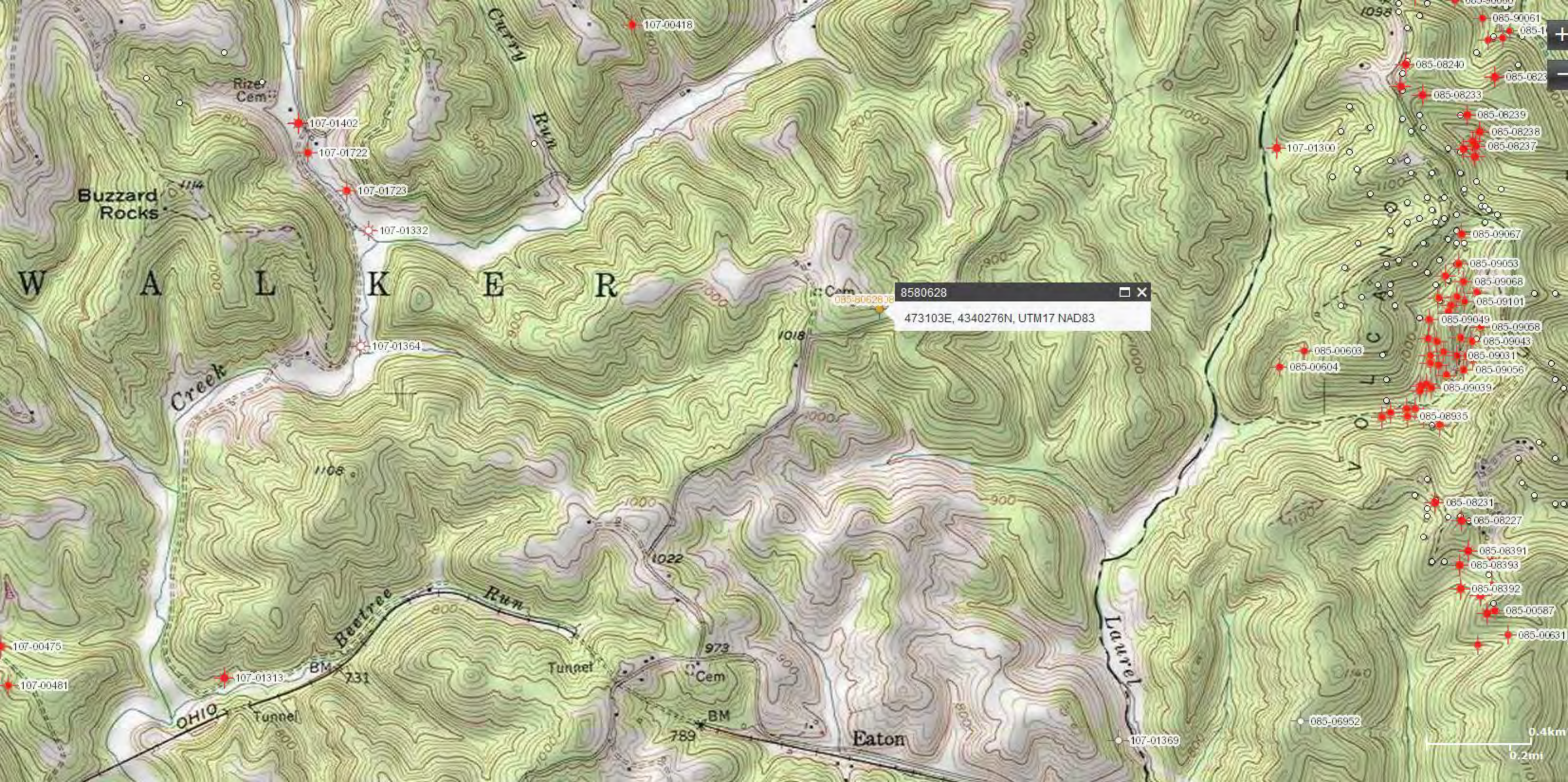
Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: David Scranage

Title: Inspector Date: 7/28/ 2015

Field Reviewed? Yes No



8580628
473103E, 4340276N, UTM17 NAD83

W A L K E R

Creek

Beech Run

Laurel

OHIO

Eaton

0.4km
0.2mi

WW-7
8-30-06



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

API: 47-085-_____ WELL NO.: Steel Run #8 (80628)_____

FARM NAME: Mike Ross Inc._____

RESPONSIBLE PARTY NAME: WVDEP_____

COUNTY: Ritchie_____ DISTRICT: Grant_____

QUADRANGLE: Petroleum_____

SURFACE OWNER: Mike Ross Inc._____

ROYALTY OWNER: W.B, Richardson agent for Carle & Cuthbert Heirs_____

UTM GPS NORTHING: 4340276.0_____

UTM GPS EASTING: 476103.0_____ Elevation 901'_____

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 _____

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.

David Scranage_____ Inspector Specialist_____
Signature Title

Date 7/28/2015_____

10/16/2015

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

FORM WW-4 (B)
(Reverse)
File Copy

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED PLUGGING

OFFICE USE ONLY

This part of Form WW-4 (B) is to record the dates of certain occurrences and any follow-up inspections.

	<u>Date(s)</u>	<u>Date(s)</u>
Application received		Follow-up inspections
Plugging started		
Plugging completed		
Well Record received		

OTHER INSPECTIONS:

Reason: _____

Reason: _____