



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

September 05, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3303100, issued to ENERVEST OPERATING L. L. C., 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: CONSOLIDATION COAL A-2

Farm Name: MIKE ROSS, INC.

API Well Number: 47-3303100

Permit Type: Plugging

Date Issued: 09/05/2014

Promoting a healthy environment.

09/05/2014

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.

WW-4B
Rev. 2/01

1) Date August 11, 2014
2) Operator's g
Well No. Consolidation Coal #A2
3) API Well No. 47-033 - 03100

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 1209.65' Watershed Murphy Run
District Coal County Harrison Quadrangle Clarksburg (7.5) Clarksburg (15)

6) Well Operator EnerVest Operating, L.L.C. 7) Designated Agent Barry K. Lay
Address 300 Capitol Street, Suite 200 Address Same
Charleston, WV 25301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name R. L. Wharton Enterprises LTD
Address P.O. Box 2327 Address 261 Shiloh Lane
Buckhannon, WV Buckhannon, WV 26201

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

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

RECEIVED
Office of Oil and Gas

Work order approved by inspector S. D. Ward

Date 8/8/2014

WV Department of Environmental Protection
09/05/2014



ENERVEST

CONSOLIDATION COAL #A-2

PLUGGING PROCEDURE

WELL INFORMATION

Well Name: CONSOLIDATION COAL #A-2
 County/State: HARRISON CO, WV
 API: 43-033-03100
 Elevation: 1203'

CASING PROGRAM

Conductor: 11-3/4" @ 40' *WAS NOT LEFT IN WELL*
 Surface Casing Depth: 8-5/8" @ 680'. Cement to surface
 Intermediate Casing Depth: N/A
 Production Casing Depth: 4-1/2" @ 4773'; 400 SKS 50/50poz 1.29 cuft/sk
 EST. TOC: 2760'. Cement bond log.
 Existing Perfs: SPEECHLEY 12 (3324 - 3336)
 BENSON 14 (4652 - 4658)

PROCEDURE

❖ GEL 4 1/2" CSG FROM CBL TD (4734') TO SURFACE WITH 6% GEL.

❖ SET CEMENT PLUG AS FOLLOWS:

- ◆ FROM 4734' TO 4580' 12 SKS CEMENT
- ◆ FROM 3400' TO 3250' 12 SKS CEMENT

❖ CUT 4 1/2" CSG @ 2610' AND CIRCULATE 6% GEL TO SURFACE.

❖ SET CEMENT PLUGS AS FOLLOWS:

- ◆ FROM 2600' - 2450' 43 SKS CEMENT
- ◆ FROM 2270' - 2120' 43 SKS CEMENT
- ◆ FROM 1780' - 1680' 29 SKS CEMENT
- ◆ FROM 800' - 700' 28 SKS CEMENT

❖ INSTALL MONUMENT IN ACCORDANCE WITH STATE REGULATION.

*vented marker
TAU
InNov11*

*Plugs at 970' to 850' to cover coal
TAU
InNov11*

*SDW
8/8/2014*

SET SURFACE PLUG FROM 100' - SURFACE.

ALL PLUGS ARE MINIMUM OF 100' CLASS A CEMENT, WITH NO MORE THAN 3% CaCl₂ AND NO OTHER ADDITIVES.

RECEIVED
Office of Oil and Gas

AUG 20 2014

WV Department of
Environmental *09/05/2014*

3303100P



V-35
rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date December 5, 1984
Operator's
Well No. S-545
Farm Consolidation Coal A-2
API No. 47 - 033 - 3100

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1203 Watershed Murphys Run
District: Coal County Harrison Quadrangle Clarksburg 7.5

COMPANY James F. Scott
ADDRESS P. O. Box 112, Salem, WV 26426
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV 26426
SURFACE OWNER James Larosa
ADDRESS 420 Buckhannon Pike, Clarksburg, WV
MINERAL RIGHTS OWNER Consolidation Coal
ADDRESS P. O. Box 1314, Morgantown, WV
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey
ADDRESS Rt. 2, Jane Lew
PERMIT ISSUED 10/31/84
DRILLING COMMENCED 11/7/84
DRILLING COMPLETED 11/14/84
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	40'		
9 5/8			
8 5/8		680	to surface
7			
5 1/2			
4 1/2		4773	400 sks
3			1.29
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth feet
Depth of completed well 4910 feet Rotary x / Cable Tools
Water strata depth: Fresh 80,970 feet; Salt feet
n Coal seam depths: 900-920 Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Benson Pay zone depth 4650-4656 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 582 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1710 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation SPEECHLEY Pay zone depth 3324-36 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

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Office of Oil & Gas
NOV 08 2011
WV Department of
Environmental Protection

09/05/2014

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Benson Perfs: 4650-4656 Sand 80/100 100 sks
20/40 400 sks

Speechley (3324-36)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			0	105	
Sand			105	116	
Shale			116	160	
Sand			160	162	
Shale			162	340	
Sand & Shale			340	733	
Shald			733	900	
Coal			900	920	
Salt Sand			920	970	
Shale			970	990	
Sand			990	1000	
Shale			1000	1020	
Sand			1020	1236	
Sand & Shale			1236	1262	
Shale			1262	1292	
Sand & Shale			1292	1320	
Shale			1320	1575	
Little Lime			1575	1625	
Big Lime			1625	1793	
Shale			1793	2042	
Sand & Shale			2042	2136	
Sand			2136	2167	
Shale			2167	2301	
Sand			2301	2340	
Shale			2350	2660	
5th Sand			2660	2680	
Shale			2680	3414	
Speechley			3414	3438	
Sand & Shale			3438	4638	
Benson			4638	4658	
Shale			4658	4970 TD	
<u>Gamma Ray Tops</u>					
Big Lime			1602	1748	
5th Sand			2618	2659	
Speechley			3324	3342	
Benson			4638	4658	

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WV Department of
Environmental Protection

(Attach separate sheets as necessary)

James F. Scott
Well Operator
By: James F. Scott
Date: December 5, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic

3303100 P

WW-4A
Revised 6-07

1) Date: August 11, 2014
2) Operator's Well Number
Consolidation Coal #A2

3) API Well No.: 47 - 033 - 03100

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>Mike Ross, Inc.</u> ✓	Name _____
Address <u>P.O. Box 219</u>	Address _____
<u>Coalton, WV 26257-0219</u>	_____
(b) Name <u>Summit Park Association</u> W	(b) Coal Owner(s) with Declaration
Address <u>131 Summit Maple Avenue</u>	Name <u>No Declaration of Record</u>
<u>Clarksburg, WV 26301-5977</u>	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name _____
<u>Buckhannon WV 26201</u>	Address _____
Telephone <u>304-3890-9742</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 EnerVest Operating, L.L.C.
 By: Barry K. Lay *Barry K. Lay*
 Its: Senior Vice President and General Manager, Appalachia West Assets
 Address 300 Capitol Street, Suite 200
Charleston, WV 25301
 Telephone 304-343-5505

Subscribed and sworn before me this 11th day of August 2014

My Commission Expires May 3, 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.

WV Department of Environmental Protection
09/05/2014

SURFACE OWNER WAIVER

Operator's Well
Number

Consolidation Coal #A2

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

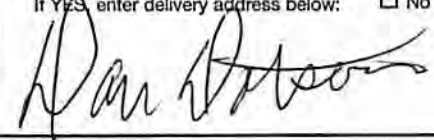
FOR EXECUTION BY A NATURAL PERSON
ETC.

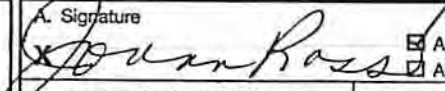
FOR EXECUTION BY A CORPORATION,

RECEIVED

Signature _____ Date _____ Name Summit Park Office of Oil and Gas
 By Daniel G. Dotson
 Its President AUG 14 2014 8-13-14
 Signature Daniel G. Dotson WV Department of
 Environmental Protection 09/05/2014

3303100 P

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> 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. 	A. Signature X <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name) D. Dotson	C. Date of Delivery 8/13/14
1. Article Addressed to: Summit Park Association 131 Summit Maple Ave. Clarksburg WV 26301-5577	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
2. Article Number (Transfer from) 7007 2680 0002 2646 8864		
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-1		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> 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. 	A. Signature  <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
	B. Received by (Printed Name) Joann Ross	C. Date of Delivery 8/13/14
1. Article Addressed to: Mike Ross, Inc. ✓ P.O. Box 219 Coalton, WV 26257-0219	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
2. Article Number (Transfer from) 7007 2680 0002 2646 8819		
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

3303100P

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

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

OFFICIAL USE

7007 2680 0002 2646 8864

Postage	\$.90
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.90



Sent To
 Street, Apt. No.,
 or PO Box No. Summit Park Assoc
131 Summit Maple Ave
 City, State, ZIP+4 Clarksburg WV 26301-5977

PS Form 3800, August 2006 See Reverse for Instructions

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

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

OFFICIAL USE

7007 2680 0002 2646 8819

Postage	\$.90
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.90



Sent To
 Street, Apt. No.,
 or PO Box No. M. K. Ross, Inc
P.O. Box 219
 City, State, ZIP+4 Carlson, WV 26257-0219

PS Form 3800, August 2006 See Reverse for Instructions

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 EnerVest Operating, L.L.C. OP Code 30-9999

Watershed Murphy Run Quadrangle Clarksburg (7.5) Clarksburg (15)

Elevation 1209.65' County Harrison District Coal

Description of anticipated Pit Waste: No Pit To Be Built

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

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 _____)

*SDW
8/8/2014*

Proposed Work For Which Pit Will Be Used:
 Drilling Swabbing
 Workover Plugging
 Other (Explain No Pit To Be Built)

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 *Barry K. Lay*

Company Official (Typed Name) Barry K. Lay

Company Official Title Senior Vice President and General Manager, Appalachia West Assets

Subscribed and sworn before me this 11th day of August, 2014 **RECEIVED** Office of Oil and Gas

[Signature]

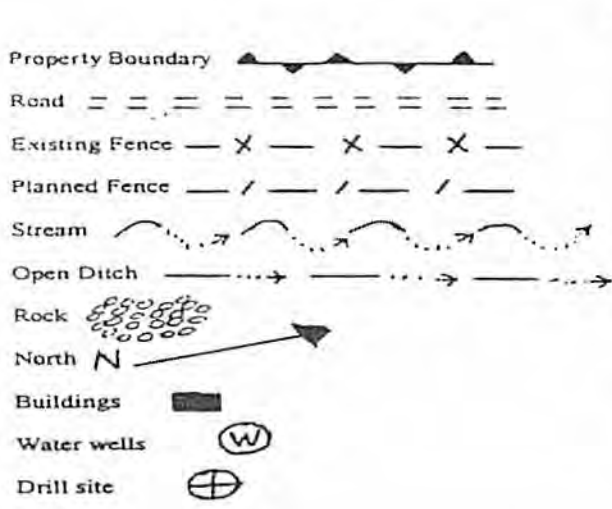
Notary Public **AUG 20 2014**

My commission expires May 3, 2017

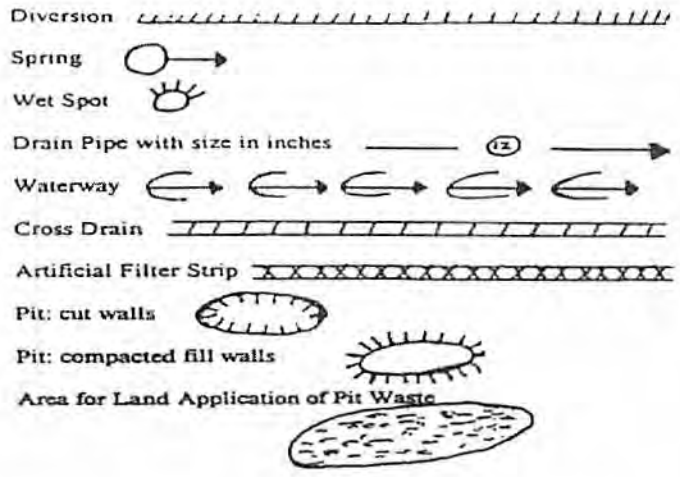


WV Department of Environmental Protection

09/05/2014



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 2.00 Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

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

Mulch Hay or Straw 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
Orchardgrass		25	Orchardgrass		25
Birdsfoot Trefoil		15	Birdsfoot Trefoil		15
Ladino Clover		10	Ladino Clover		10

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

Photocopied section of involved 7.5' topographic sheet.

See Attached GPS Well Location Form: GPS WW-7

Plan Approved by: [Signature]

Comments: Re-File existing expired permit

RECEIVED
Office of Oil and Gas

Title: Oil & Gas Inspector

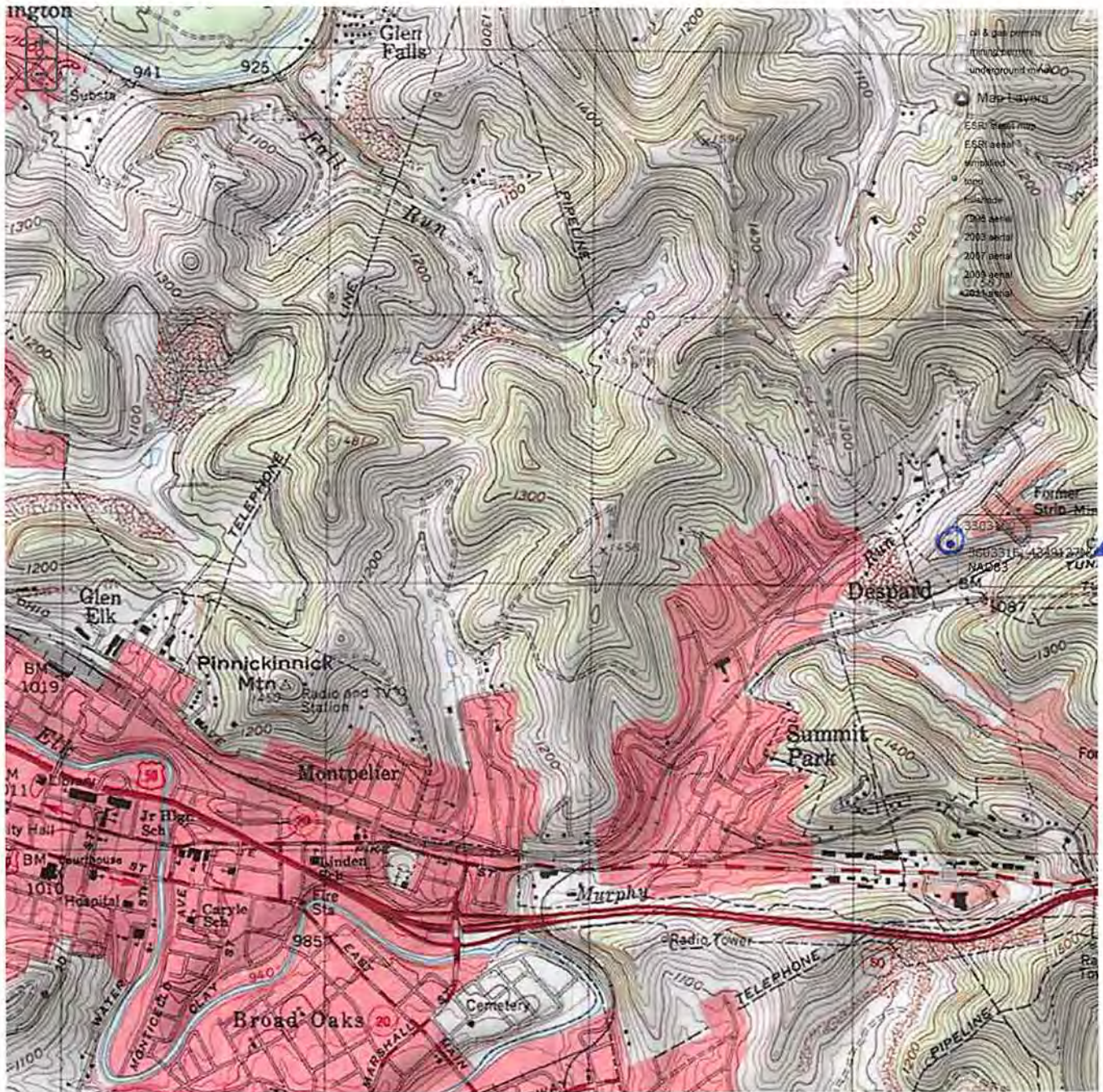
Date: 8/8/2014

AUG 20 2014

Field Reviewed? () Yes (X) No

WV Department of
Environmental Protection

09/05/2014



Measurement
Measurement Result

09/05/2014

3303100A

WW-7
8-30-06



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

API: 4703303100 WELL NO.: Consolidation Coal #A2

FARM NAME: Mike Ross, Inc.

RESPONSIBLE PARTY NAME: Barry K. Lay

COUNTY: Harrison DISTRICT: Coal 3

QUADRANGLE: Clarksburg (7.5) Clarksburg (15) 297

SURFACE OWNER: Mike Ross, Inc.

ROYALTY OWNER: CNX Gas Company, LLC

UTM GPS NORTHING: 4349127.5

UTM GPS EASTING: 560330.6 GPS ELEVATION: 1210'

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.

Barry K Lay
Signature

Sr. VP & GM
Title

RECEIVED
Office of Oil and Gas
Date 8/11/2014
WV Department of Environmental Protection
09/05/2014