



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

July 26, 2013

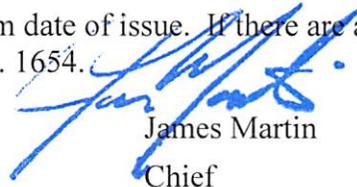
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3301778, issued to HG ENERGY, LLC, 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: HIRAM LYNCH 3

Farm Name: WEBB, DORAN

API Well Number: 47-3301778

Permit Type: Plugging

Date Issued: 07/26/2013

Promoting a healthy environment.

3301778P

WW-4B
Rev. 2/01

1) Date: July 8, 2013
2) Operator's Well Number Hiram Lynch No.3
3) API Well No: 47 - 033 - 1778
State County Permit

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 Liquid Injection Waste Disposal
(If "Gas", Production Underground Storage) Deep Shallow
5) LOCATION: Elevation: -309' 1012' Watershed: Wizardism Run
District: Tennile CA County: Harrison 33 Quadrangle Wolf Summit 7.5' 692
6) WELL OPERATOR: HG Energy, LLC 4.94E+08 7) DESIGNATED AGENT Michael G. Kirsch
Address 5260 Dupont Road Address P.O. Box 5519
Parkersburg, WV 26101 Vienna, WV 26105-5519
8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
Name Sam Ward Name To Be Determined Upon Approval of Permit
Address P.O. Box 2327 Address _____
Buckhannon, WV 26201

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

TD- 2570 Coal: 214' - 222'

Clean out to 2,570' - Maximum depth attainable
Plug No 1- 2570'-2470'
Free point cut & pull 5 3/16" csng - est 1600'
Plug No 2 -1650'-1550'
Free point, cut & pull 6 5/8" csng 1000'
Plug No 3 -1050'-950'
Free point, cut, & pull 8 1/4" csng (if present)- est 250'
Plug No 4 -300'-200' 190'
Free point, cut, & pull 10" csng (if present)- est 100'
Plug No 4-100'- surface
150' - SURFACE

SDW
7/16/2013

Erect Monument with API No. per regulations
Note: 6% Gel between all cement plugs.
Cement Plugs are Class A, Regular Neat Cement
Cement tops will be tagged
All attempts will be made to recover as much casing and tubing as possible

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number: _____ Date _____ 19____

This permit covering the well operator and the 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 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
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Received

JUL 18 2013

Chief, Office of Oil & Gas

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

Office of Oil and Gas
WV Dept. of Environmental Protection

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

3301778 P

SM-3-22

FARM Hiram Lynch, WELL 3. ACRES 568. LEASE NO. 31378
 TOWNSHIP OR DISTRICT Ten Mile, COUNTY Harrison, STATE West Va. N. S.12. E.7-8.W.
 RIG COMMENCED June 11, 1899. COMPLETED June 16, 1899. CONTRACTOR
 DR'G COMMENCED June 16, 1899. COMPLETED July 27, 1899. CONTRACTOR
 D. D. COMMENCED 19 COMPLETED 19 CONTRACTOR

FORMATION *Elev 1013-00* CASING RECORD

KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS	SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LE WHE
Conductor		16.			10"		275		
Pgh Coal	214	222			8 1/2" 6 5/8" 5 3/8"		795 1588 753		
Dunkard Sand	774	834			5-3/16"	2500' 9"		753'	Sep
Salt Sand	1139	1240							
Big Injun	1639	1719							
Gas	1709								
Gordon Sand	2324	2360							
Fifth Sand	2547	2553		This Well measured 9 Ft. deeper than Record.					
Total Depth		2570							
		2587							

PACKERS

KIND	SIZE	DEPTH SET	D

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	R
5/10,01.	24				
4/30,02.	24				
3-30-45	20	4 1/4 x 7	2555	2555	Open
6-20-51	30	4 1/2 x 10'	2543	2553	

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KIND	D

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Office of Oil and Gas
 WV Dept. of Environmental Protection

REMARKS
 422' 20 Jts. 5" F. J. Casing. 1 Sect July 1923.
 All pulled except one Joint in bott
 1957. Cemented hole solid from to 2480 ft

TOTAL DEPTH

PRODUCTION RECORD			
24 HOURS BEFORE SHOT	Fifth	SAND	125. BBLs.
24 HOURS AFTER SHOT		SAND	BBLs.
GAS TEST			

APPROVED BY *R. D. Shira*

3301778 P

WW-4A
Revised 6-07

1) Date: July 8, 2013
2) Operator's Well Number
Hiram Lynch No.3
3) API Well No: 47 - 033 - 1778
State County Permit

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:
(a) Name Doran Webb ✓
Address RR 4, Box 444
Salem, WV 26426
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
Telephone 389-7583
5) (a) Coal Operator: ✓
Name Wolf Run Mining Co.
Address 2708 Cranberry Square
Morgantown, WV 26505
(b) Coal Owner(s) with Declaration
Name NA
Address _____
(c) Coal Lessee with Declaration
Name NA
Address _____

TO THE PERSON(S) 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 and its location and the plugging work order; and
- 2) The plat (surveyor's map) showing the well location on Form WW-6

The reason you have received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

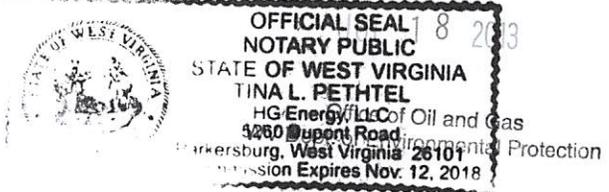
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator HG Energy, LLC
By: Diane C White Diane C White
Its: Accountant
Address 5260 Dupont Road
Parkersburg, WV 26101
Telephone (304) 420-1119

Subscribed and sworn before me this 8 day of July 2013

My Commission Expires Nov 12, 2018
Notary Public

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2301778P

7012 3050 0002 3568 7052

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Postage	\$ 1.32	0777	Postmark Here 07/09/2013 HL3
Certified Fee	\$3.10	09	
Return Receipt Fee (Endorsement Required)	\$2.55		
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 6.97		

Sent To
 Doran Webb
 Street, Apt. No.,
 or PO Box No. RR 4, Box 444 ✓
 City, State, ZIP+4 Salem, WV 26426

PS Form 3800, August 2006 See Reverse for Instructions

7012 3050 0002 3568 7045

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Certified Fee	\$3.10	09	
Return Receipt Fee (Endorsement Required)	\$2.55		
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 6.97		

Sent To
 Wolf Run Mining Company
 Street, Apt. No.,
 or PO Box No. 2708 Cranberry Square ✓
 City, State, ZIP+4 Morgantown, WV 26505

PS Form 3800, August 2006 See Reverse for Instructions

Received

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Office of Oil and Gas
WV Dept. of Environmental Protection

3301778P

WW-9
Rev. 02/03

Page 3 of 3
API Number 47- 033 - 1778
Operator's Well No. Hiram Lynch No.3

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 HG Energy, LLC OP Code 494497948
Watershed Wizardism Run Quadrangle Wolf Summit 7.5'
Elevation 309' County Harrison District Tennile
Description of anticipated Pit Waste: Fluids encountered in plugging subject well

Will a synthetic liner be used in pit? Yes Size of Liner? 20 mil

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
7/16/2013

Drilling medium anticipated for this well? Air, fresh water, oil based, NA
- If oilbased, what type? Synthetic, petroleum, etc.

Additives to be used? Water, soap, KCI

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA
- If left in pit and plan to solidify, what medium will be used? Cement, lime, sawdust
- Landfill or offsite name/permit number? NA

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 Diane C White
Company Official (Typed Name) Diane C White
Company Official Title Accountant

Subscribed and sworn before me this 6 day of Jul 2013

Received

[Signature]

Notary Public

My commission expires Nov 12, 2018



Legend

Property Boundary		Diversion	
Road		Spring	
Existing Fence		Wet Spot	
Planned Fence		Drain Pipe	
Stream		Waterway	
Open Ditch		Cross Drain	
Rock		Filter Strip	
North		Pit: Cut Walls	
Buildings		Pit: Compacted Fill Walls	
Water Wells		Area of Land Application of Pit Waste	
Drill Site			

Proposed Revegetation Treatment: Acres Disturbed

Area I	Approx. 0.5 Ac.	Prevegetation pH _____
Area II	Approx. 0.2 Ac.	

Lime _____ 2 Tons/Acre or Correct to pH _____ 6.5

Fertilizer (10-20-20 or Equivalent) _____ 500 Lbs./Acre (500 lbs. Minimum)

Mulch _____ Straw _____ 2 Tons/Acre

SEED MIXTURES

<u>Area I (Location)</u>		<u>Area II (Road)</u>	
Seed Type	Lbs./Ac.	Seed Type	Lbs./Ac.
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5

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

Plan Approved by: S. J. D. Waratt

Comments: _____

Title: Oil & Gas Inspector

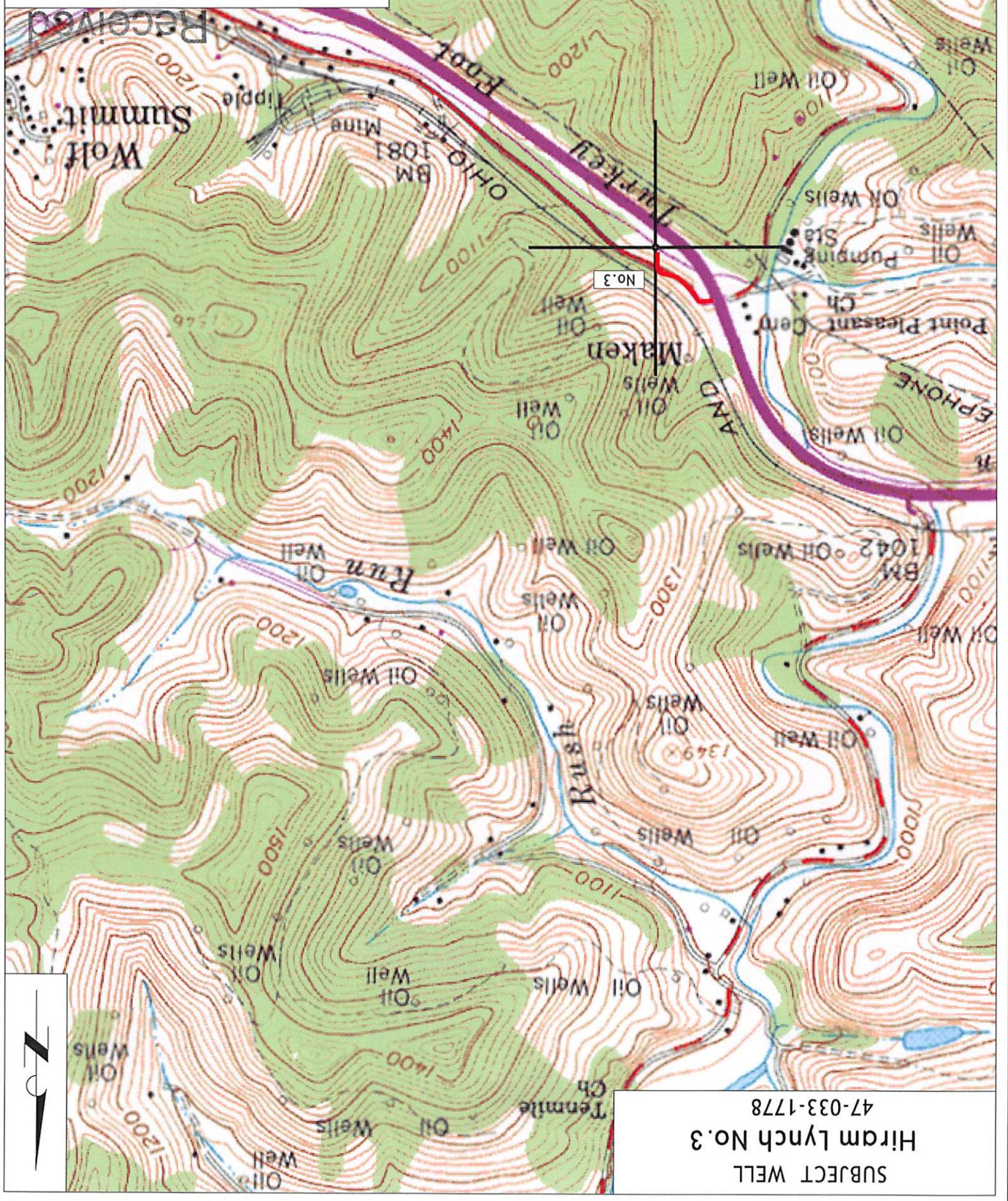
Date: 7/16/2013

Field Reviewed? _____ Yes _____ No X

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Section of
Wolf Summit 7.5' Quadrangle
SCALE 1" = 1000'
U.S. Dept. of Oil and Gas
U.S. Dept. of Environmental Protection
JUL 18 2013



SUBJECT WELL
Hiram Lynch No. 3
47-033-1778

3301778P

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

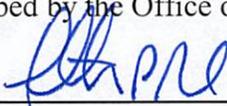
API: 47- 033 - 1778 WELL NO: No.3
FARM NAME: Hiram Lynch
RESPONSIBLE PARTY NAME: HG Energy, LLC
COUNTY: Harrison DISTRICT: Tenmile
QUADRANGLE: Wolf Summit 7.5'
SURFACE OWNER: Doran Webb
ROYALTY OWNER: HG Energy LLC et al.
UTM GPS NORTHING: 4,348,419
UTM GPS EASTING: 544,631 GPS ELEVATION: 309 m. 1012

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & 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

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.



Signature Timothy P. Roush

Date July 3, 2013

Title Professional Surveyor

Received

JUL 18 2013



HG Energy, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

OK # 2283
\$100.00

July 8, 2013

Mr. Jeff McLaughlin
WVDEP
Division of Oil & Gas
601 57th Street
Charleston, West Virginia 25304

RE: Hiram Lynch No. 3 (47-033-1778)
Tenmile District, Harrison County
West Virginia

Dear Mr. McLaughlin:

Attached are Forms WW-4(A), WW-4(B), WW-9, and WW-7, topo map, well record, copy of certified mailing receipt and a check in the amount of \$100.00 to cover the permit fee to plug and abandon the above-captioned well.

Very truly yours,

Diane C. White

Diane C. White

Enclosures

cc: Doran Webb – Certified
Wolf Run Mining Company - Certified
Sam Ward - Inspector

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Office of Oil and Gas
WV Dept. of Environmental Protection