



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

December 10, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10901465, issued to HARPER, HAYDEN ENERGY KA, 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: PLC 34
Farm Name: POCAHONTAS LAND CORP.
API Well Number: 47- 10901465
Permit Type: Plugging
Date Issued: 12/10/2014

Promoting a healthy environment.

12/12/14

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date AUGUST 22, 2014
2) Operator's
Well No. PLC 34
3) API Well No. 47-109 - 01485

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 1490' Watershed TURKEY WALLOW BRANCH
District CENTER County WYOMING Quadrangle PINEVILLE 7.5

6) Well Operator HAYDEN HARPER ENERGY KA, LLC 7) Designated Agent BRETT MCDONOUGH
Address 1001 MOOREHEAD SQ. DR. STE 350 Address 1001 MOOREHEAD SQ. DR. STE 350
CHARLOTTE, NC 28203 CHARLOTTE, NC 28203

8) Oil and Gas Inspector to be notified
Gary Kennedy
PO Box 268
Nimitz, WV 25978

9) Plugging Contractor
Name PATCHWORK OIL & GAS, LLC
Address 8165 ELIZABETH PIKE
ELIZABETH, WV 26143

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

Plugging schematic and procedure on next page.

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

Work order approved by inspector *Gary Kennedy* Date 10/31/14

12/12/14

PLC #34
47-109-01465

PROPOSED PLUGGING PROCEDURE

1. Prepare plugging permit application.
2. Certify to surface and coal owners.
3. Certify to designated State inspector for signature.
4. Once all signatures are obtained, copy for our records and certify to Jeff at the State Office for approval.
5. Receive plugging permit good for 2 years.
6. Notify the designated State inspector 24 hours prior to commencing operations.
7. Take equipment to location and begin prepping for plug.
8. Rig up
9. Verify total depth of 2414"
10. Run tubing to TD. Set first plug with 39 sacks of Class A cement with no more than 3% CaCl₂ and no other additives from TD up to 1860'. This will cover bottom plug and perforation. Pull tubing back.
12. Wait 8 hours, run in and tag plug.
13. Begin looking for free point.
14. Run 2 sacks of 6% Bentonite gel from 1860' up to 1533'.
- ★ 15. Based on cement fill up on records the 4 1/2" free point should be around 1400".
- ★ 16. Attempt to rip and remove 1400' of 4 1/2", run tubing back in to 1533', run 18.5 sacks for second plug (perforation, rip, & elevation) of Class A cement with no more than 3% CaCl₂ and no other additives from 1533' up to 1350'.
17. Pull tubing back, wait 8 hours
18. Run in and tag plug.
19. Run 6 sacks of 6% Bentonite gel from 1350' up to 718'.

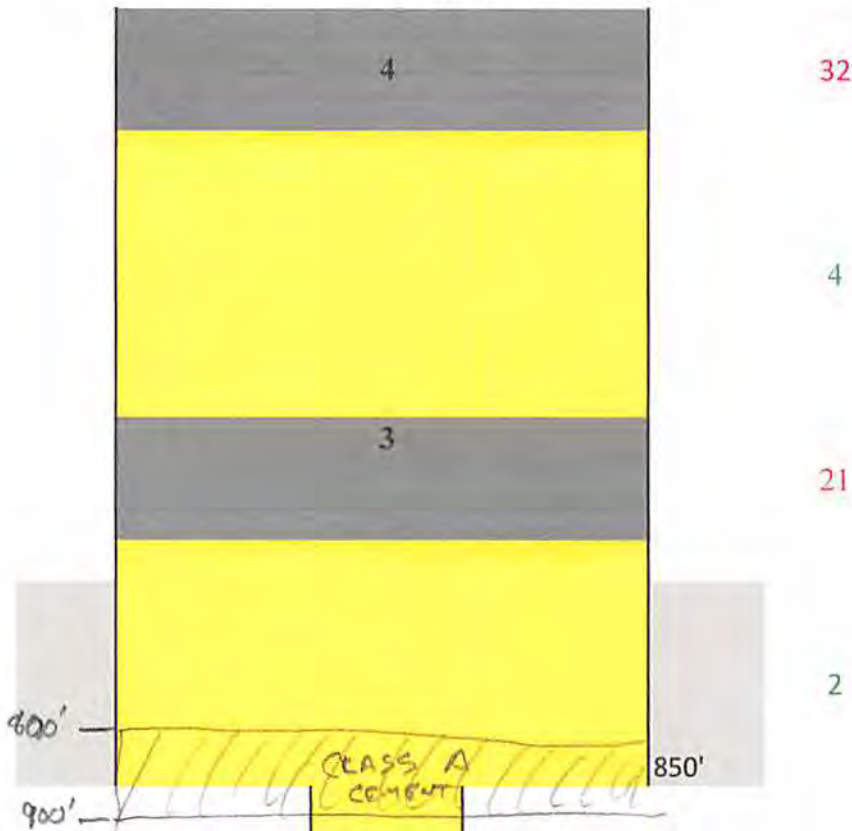
★ WR-35 INDICATES 4 1/2" IS CEMENTED TO AS 900';
IF CLASS A CEMENT WAS USED. IT IS LIKELY THAT 4 1/2" FREEPOINT IS
INSIDE 7".

12/12/14

20. Pull tubing back to 718" and run 21 sacks of Class A cement with no more than 3% CaCl₂ and no other additives from 718' up to 615' (coal seam & possible 7" rip)
21. Pull tubing back, wait 8 hours
22. Run 4 sacks of 6% Bentonite gel from 615' up to 175'.
23. Pull tubing back to 175' and run 32 sacks of Class A cement with no more than 3% CaCl₂ and no other additives from 175' up to surface.
24. Solidify pit if necessary with more cement and lime, then bury.
25. Set 6" x 12.5" steel pipe with concrete with 1/2" API identification.
26. Rig down, and move equipment out.
27. Reclaim location
28. Prepare WR-34 & WR-38 for permit release.

7" CASING APPEARS TO BE CTS. IF TRUE, DO NOT RIP 7". SET A 100' CLASS A CEMENT PLUG ACROSS 7" CASING SHOE FROM 900' - 800'.

PLC 34
47-109-01465



50lb sacks of 6% gel used
100lb sacks of cement

12
111

4

Attempt Casing Rip at 1400'
Elevation 1490'
Pay zone 1410-1483



2

9

9.5

Pay Zone at 1910-2318

1

39

2412

: Cement
 : Gel
 : Bridge Plug (if any)

Cement plugs are at a minimum of 100' Class A Cement with no more than 3% CaCl₂ and no other additives.

Gel spacers between all cement plugs must be fresh water with at least 6% Bentonite by weight

HAZ

PLUGS	
Plug #4	Surface-175 Coal & Surface
Plug #3	615-718 Coal
Plug #2	1350-1533 Pay, elevation, rip
Plug #1	1860-2412 bottom, pay

Plug 2a 900-800' 7" CASING SHOE

12/12/14

WR-35

16-Aug-94

API # 47-109-01465

RECEIVED
WV Division of
Environmental Protection

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

NOV 23 1994

Well Operator's Report of Well Work

Permitting
Farm ~~NAME~~ BOCAHONTAS LAND CORP. Operator Well No.: PLC #34
Office of Oil & Gas

LOCATION: Elevation: 1,490.00 Quadrangle: PINEVILLE

District: CENTER County: WYOMING
Latitude: 7730 Feet South of 37 Deg. 32Min. 30 Sec.
Longitude 5390 Feet West of 81 Deg. 35 Min. 0 Sec.

Company: BOWIE, INC.
P.O. BOX 1430
CLARKSBURG, WV 26301-1430

Agent: GROVER BOWIE

Inspector: OFIE HELMICK
Permit Issued: 08/10/94
Well work Commenced: 8-26-94
Well work Completed: 9-2-94
Verbal Plugging
Permission granted on:
Rotary x Cable _____ Rig _____
Total Depth (feet) 2414 DTD
Fresh water depths (ft) _____
50,230
Salt water depths (ft) _____
N/A
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 120-23, 665-68

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8	31'	--	--
7"	850'	850'	220sks
4 1/2"	2350"	2350'	135SKS

OPEN FLOW DATA

Producing formation L. Maxton, Maxton Ravencliff Pay zone depth (ft) 1410-2318
Gas: Initial open flow show MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 2500 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 250 psig (surface pressure) after 24 Hours

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

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

For: BOWIE, INC.

By: W. C. Bowins
Date: 11-17-94

WYO
1465
12/12/14

- I (2277-2318) 25 holes, 500gal 15%HCL, 350sks sand, 500bbl 75Q foam
 II (1910-2044) 24 holes, 750gal 15%HCL, 400sks sand, 540bbl 75Q foam
 III (1410-1483) 30 holes, 500gal 15%HCL, 500sks sand, 560bbl 75Q foam

SAND & SHALE	0-41	
SAND	41-120	1/2" @50'
COAL	120-123	
SAND	123-351	1" @230'
SHALE	351-419	
SAND	419-665	
COAL	665-668	
SAND & SHALE	668-973	
SAND	973-1140	
SHALE	1140-1385	
RAVENCLIFF	1385-1455	GAS SHOW
AVIS	1455-1495	
SAND & SHALE	1495-1945	
MAXTON	1945-2098	GAS SHOW
SHALE & SAND	2098-2220	
L. MAXTON	2220-2318	GAS SHOW
SHALE	2318-2380	
L. LIME	2380-2412	DTD

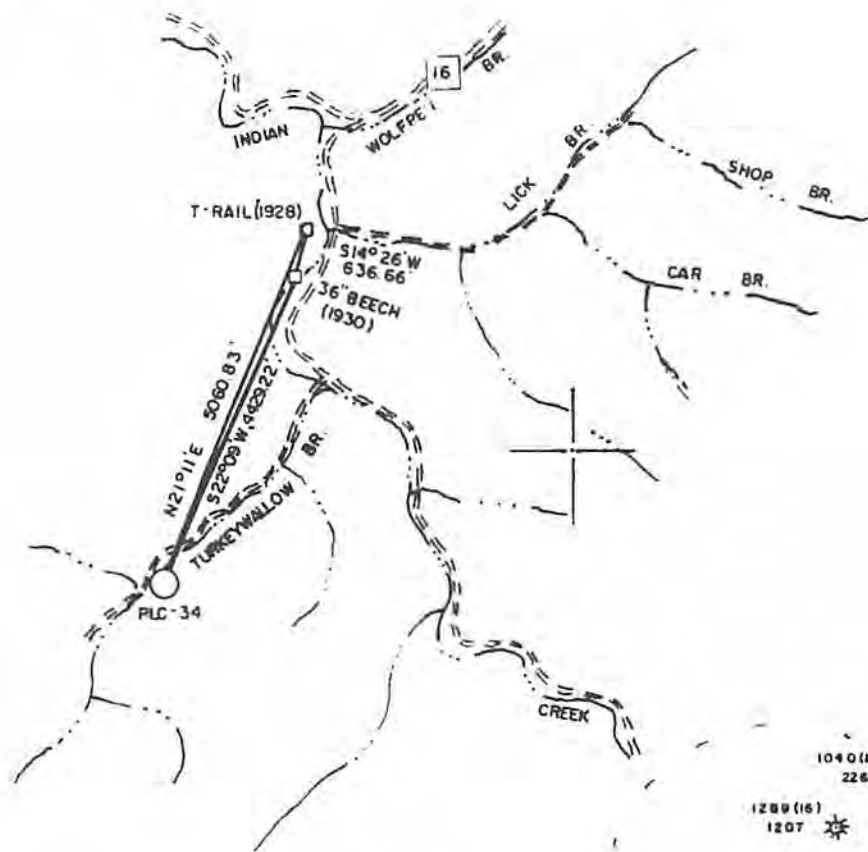
10901465P

WELL REFERENCES:
S35°30'W, 137' TO 6" POPLAR
N83°30'E, 128.50' TO 4" POPLAR

5390'
LATITUDE 37° 32' 30"

LONGITUDE 81° 35' 00"

NORTH



POCA. LAND COOR
NO. 34 - N. 55,973.16'
W. 14,807.72'

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 in 2500
PROVEN SOURCE OF
ELEVATION BM 5200' N.E. OF
LOCATION ELEV. 1281'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.

(SIGNED) _____
R.P.E. _____ L.L.S. 674

STEPHEN D. WASH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 25 18 94
OPERATOR'S WELL NO. PLC NO. 34
API WELL NO. 47-109-1465

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

LOCATION: ELEVATION 1490' WATER SHED TURKEY WALLOW BRANCH
DISTRICT CENTER COUNTY WYOMING
QUADRANGLE PINEVILLE 7.5 min.

SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 24980.40
OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORP. LEASE ACREAGE 10050.85
LEASE NO. 56244

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 MAXTON ESTIMATED DEPTH 2600'
WELL OPERATOR BOWIE, INC. DESIGNATED AGENT WILLIAM BOWIE
ADDRESS P.O. BOX 1430 ADDRESS P.O. BOX 1430
CLARKSBURG, WV 26302-1430 CLARKSBURG, WV 26302-1430

WV COUNTY NAME PERMIT 1465

12/12/14

WW-4A
Revised 6-07

1) Date: AUGUST 22, 2014
2) Operator's Well Number
PLC 34

3) API Well No.: 47 - 109 - 01465

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>PINNACLE LAND COMPANY</u>	Name <u>PINNACLE LAND COMPANY</u>
Address <u>PO BOX 446</u>	Address <u>PO BOX 446</u>
<u>MAN, WV 25635</u>	<u>MAN, WV 25635</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>NRP, WPP LLC</u>
(c) Name _____	Address <u>5260 IRWIN RD.</u>
Address _____	<u>HUNTINGTON, WV 25705</u>
	Name _____
	Address _____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 268</u>	Name <u>PINNACLE LAND COMPANY & MECHEL BLUESTONE</u>
<u>Nimitz, WV 25978</u>	Address <u>PO BOX 446</u> <u>PO BOX 1085</u>
Telephone <u>304-382-8402</u>	<u>MAN, WV 25635</u> <u>BECKLEY, WV 25802</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 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.

COMMONWEALTH OF PENNSYLVANIA
 Notarial Seal
 Lynne M. Coogle, Notary Public
 City of Pittsburgh, Allegheny County
 My Commission Expires March 18, 2016
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Well Operator HAYDEN HARPER ENERGY KA, LLC
 By: ERIC P LINN
 Its: VICE PRESIDENT
 Address 1001 MOREHEAD SQ DRIVE, SUITE 350
CHARLOTTE, NC 28203
 Telephone 704-343-2447

Subscribed and sworn before me this 5th day of September 2014
Lynne M Coogle Notary Public
 My Commission Expires March 18, 2016

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.

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"/> <i>Shonna Campbell</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name) <i>Shonna Campbell</i>	C. Date of Delivery <i>9/22/14</i>
1. Article Addressed to: Mechel Bluestone PO Box 1085 Beckley, WV 25802	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label) 7014 0510 0001 8220 1527		
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-154		

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"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name) <i>[Signature]</i>	C. Date of Delivery <i>9/22/14</i>
1. Article Addressed to: Pinnacle Land PO Box 446 Man, WV 25635	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label) 7014 0510 0001 8220 1503		
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

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"/> <i>Amanda Beggs</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name) <i>Amanda Beggs</i>	C. Date of Delivery <i>9-22-14</i>
1. Article Addressed to: NPP, WPP, LLC 5260 Irwin Rd. Huntington, WV 25705	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label) 7014 0510 0001 8220 1510		
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

OK 71800
10000

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 HAYDEN HARPER ENERGY KA, LLC OP Code 494495359

Watershed TURKEY WALLOW BRANCH Quadrangle PINEVILLE 7.5

Elevation 1490' County WYOMING District CENTER

Description of anticipated Pit Waste: FLUIDS AND OTHER MATERIALS ASSOCIATED WITH PLUGGING

Will a synthetic liner be used in the pit? YES 20mm. HJK

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 _____)

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 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 [Signature]

Company Official (Typed Name) ERIC P LINN

Company Official Title VICE PRESIDENT

Subscribed and sworn before me this 5th day of September, 20 14

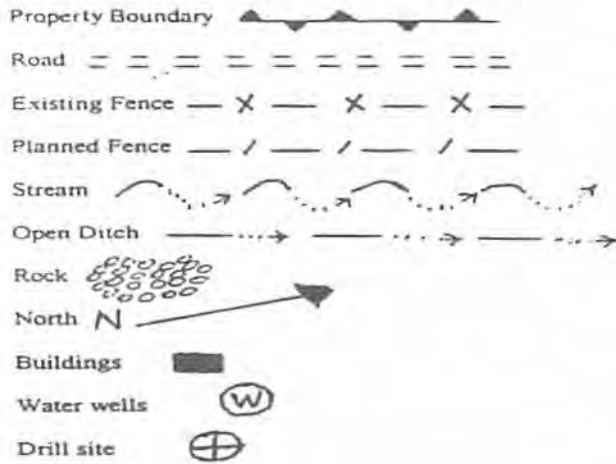
[Signature] Notary Public

My commission expires March 18, 2016

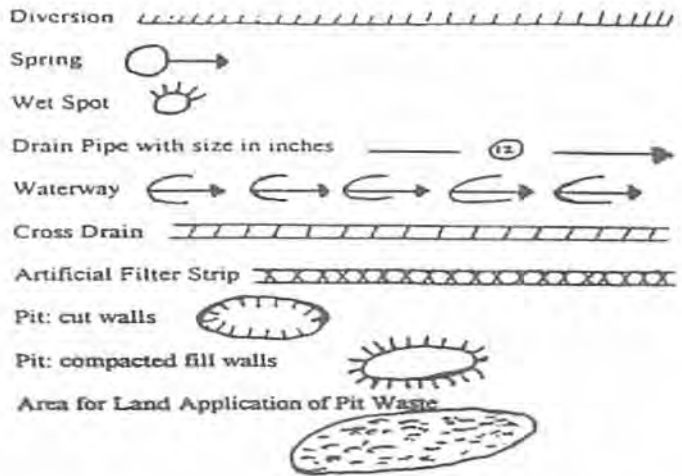
COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Lynne M. Coogle, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires March 18, 2016
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

RECEIVED
Office of Oil and Gas
NOV 06 2014
WV Department of Environmental Protection

12/2/14



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 3.2 Prevegetation pH 6.67

Lime 2 Tons/acre or to correct to pH 6.5

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

Mulch STRAW Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
TALL FESCUE	40	"	
LADINO CLOVER	5	"	

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

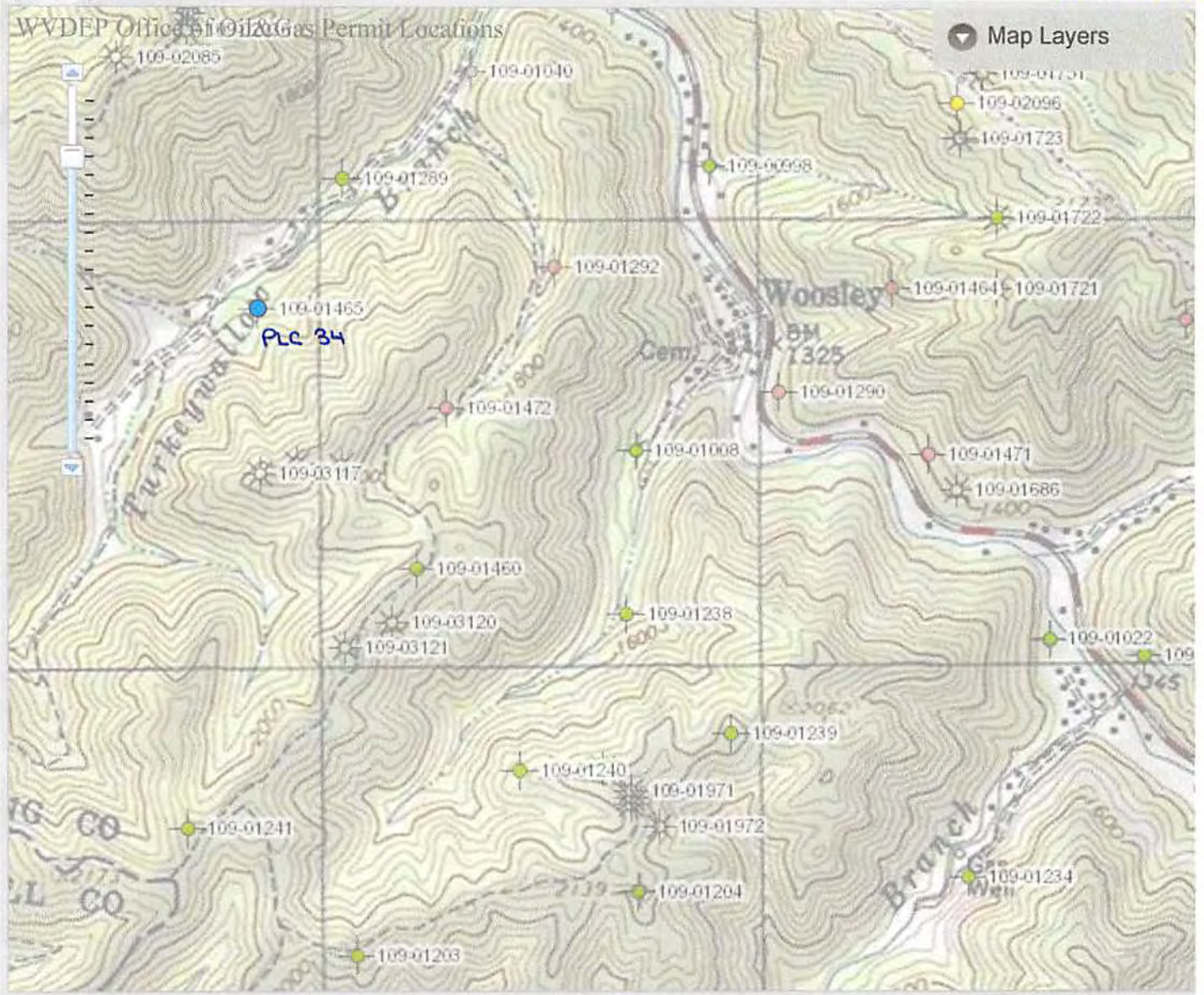
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Mary Kennedy*

Comments: _____

Title: *Inspector* Date: 10/31/14

Field Reviewed? () Yes () No



PLC 34 47-109-01465

Handwritten signature

12/12/14

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-109-01465 WELL NO.: PLC 34

FARM NAME: POCAHONATAS LAND CORP.

RESPONSIBLE PARTY NAME: HAYDEN HARPER ENERGY KA, LLC

COUNTY: WYOMING DISTRICT: CENTER 3

QUADRANGLE: PINEVILLE 7.5 549

SURFACE OWNER: PINNACLE LAND COMPANY

ROYALTY OWNER: PINNACLE LAND COMPANY

UTM GPS NORTHING: 4152796.7

UTM GPS EASTING: 446858.8 GPS ELEVATION: 1490'

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.

<u></u>	<u>OFFICE MANAGER</u>	<u>AUGUST 22, 2014</u>
Signature	Title	Date