



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

May 28, 2013

FINAL INSPECTION REPORT

WELL PLUGGING PERMIT RELEASED

PANTHER, LLC,

The FINAL INSPECTION REPORT for the permit, API Well Number: 47-3906342, issued to PANTHER, LLC, and listed below has been received in this office. Your Affidavit of Plugging was received and reclamation requirements approved. The well designated by the permit number below has been released under your bond.

James Martin
Chief

Operator: PANTHER, LLC
Operator's Well No: 325
Farm Name: SHONK LAND COMPANY
API Well Number: 47-3906342
Date Issued: 09/20/2012
Date Released: 05/28/2013

Promoting a healthy environment.

WELL PLUGGING INSPECTION & RELEASE FORM

PLUGGING COMMENCED 10-29-12 OPERATOR: PANTHER, LLC
 PLUGGING COMPLETED 11-15-12 FARM: SHONK LAND COMPANY
 VERBAL PERMISSION ON _____ WELL No: 325

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 | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | N/A |
| B. 100' PLUGS | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | N/A |
| C. LATEX PLUGS USED FOR H2S GAS | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | N/A |
| D. PROPER PLUGS THROUGH COAL SEAMS | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | N/A |
| E. PROPER PLUGS SET TO PROTECT FRESHWATER | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | N/A |
| F. PROPER AMOUNT OF GEL USED TO DISPLACE PLUGS | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | N/A |

TYPE	FROM	TO	PIPE REMOVED
<i>See WR 38</i>			

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	<input type="checkbox"/> YES	<input type="checkbox"/> NO	B. FENCES REPLACED	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
C. MULCHED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	D. PROPER DRAINAGE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
E. SEEDED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	F. ALL EQUIPMENT REMOVED	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
G. PIT BACKFILLED	<input type="checkbox"/> YES	<input type="checkbox"/> NO			

4-24-13 DATE RELEASED APR 30 2013 *[Signature]* INSPECTOR'S SIGNATURE

DATE

VISITS

11-15-12

DN 11-14-12 Set 165 SKS (45 BBL) Plug
two hundred feet below Corral Today set 36 BBL
to surface

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

Original Copy

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Williams Coal Co.
LOCATION: Elevation: 1,283 ft
District: Cabin Creek
Latitude: 6,637 Feet
Longitude: 122 Feet

Operator Well No.: 325
Quadrangle: Eskdale
County: Kanawha
South of 38 Deg. 07 Min. 30 Sec.
East of 81 Deg. 30 Min. 00 Sec.

Well Type: OIL GAS

Company: Panther LLC.
500 Lee Street, East Suite 900
Charleston, WV 25301

Coal Operator _____
or Owner _____

Agent: Gary Acord

Coal Operator _____
or Owner _____

Permit Issued Date: 9-20-2012

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

James Martin and Mark Allaman being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and say that said work was commenced on the 29th day of October, 2012, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CJ Services drilled	Surface	950	Bit size 9 1/2"	13 3/8" Casing 0 - 16
Appalachian Well Elog Caliper	Collar	Indicator	Top coal 725 Bottom coal 729	10 3/4" Casing 0 - 58
CJ Services scarified	Surface	950		
CJ Services ran tubing	Surface	934		
Nabors Well cement	934	Surface	393 Sacks Super Tropic	
This well is plugged to	101c	Standards		

Description of monument: Erect monument with API# 47-039-06342 and that the work of plugging and filling said well was completed on the 15th day of November, 2012.

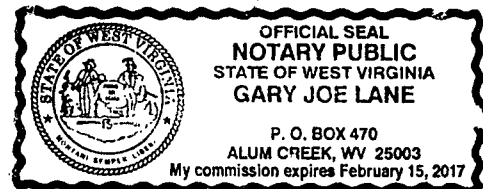
And further deponents saith not.

Mark Allaman

James Martin

Sworn and subscribe before me this 15th day of November, 2012
My commission expires: February 15, 2017

Gary Joe Lane
Notary Public



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Office of Oil and Gas

Affidavit reviewed by the Office of Oil and Gas:

Title:

Henry D. Ulla 11-29-12
Inspector Oil & Gas

NOV 29 2012

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: Panther, LLC
API No: 47-3906342 County: Kanawha
District: Cabin Creek Well No: 325
Farm Name: Shonk Land Company Total Hrs. Disc: 1
Discharge Date/s From:(MMDDYY) 12/19/12 To: (MMDDYY) 12/19/12
Discharge Times. From: 11:30 pm To: 12:30 pm
Total Volume to be Disposed from this facility (gallons): 3047.76

Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: 3047.76 (Include a topographical map of the Area.)
(2) UIC: _____ Permit No. _____
(3) Offsite Disposal: _____ Site Location: _____
(4) Reuse: _____ Alternate Permit Number: _____
(5) Centralized Facility: _____ Permit No. _____
(6) Other method: _____ (Include an explanation)

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Office of Oil & Gas
FEB 25 2013
WV Department of Environmental Protection

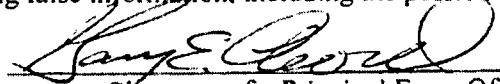
Follow Instructions below to determine your treatment category:

Optional Pretreatment test: 10,000 Cl- mg/l 5 DO mg/l

1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) Y If yes, who? Terry Urban and place a four (4) on line 7.
If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) _____ If yes, go to line 5. If not, go to line 3.
3. Do you have a chloride value pretreatment (see above)? (Y/N) _____ If yes, go to line 4
If not, go to line 5.
4. Is the Chloride level less than 5000 mg/l? (Y/N) _____ If yes, then enter a one (1) on line 7.
5. Do you have a pretreatment value for DO? (See above) (Y/N) _____ If yes, go to line 6
If not, enter a three (3) in line 7.
6. Is the DO level greater than 2.5 mg/l?(Y/N) _____ If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
7. 4 is the category of your pit. Use the Appropriate section.
8. Comments on Pit condition: Parameters good after treatment

Name of Principal Exec. Officer: Gary Acord
Title of Officer: designated agent
Date Completed: 1/1/13

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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 and imprisonment.


Signature of a Principal Exec. Officer or Authorized agent.

Category 3
Sampling Results
API No: _____

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	20	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval.

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FEB 25 2013

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: WV Department of Environmental Protection

*** Al is only reported if the pH is above 9.0.

Category 4
Sampling Results
API No: 47-3906342

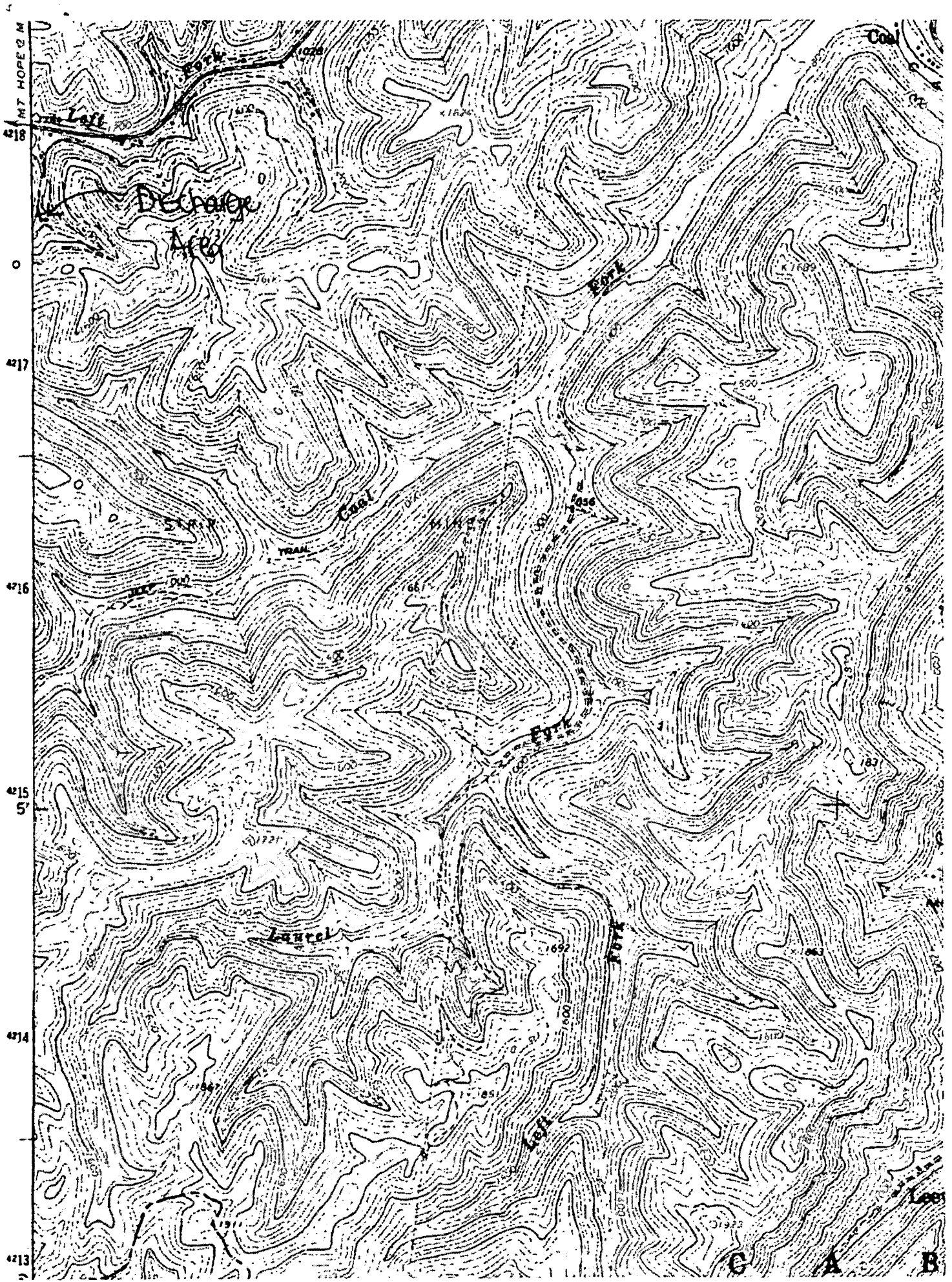
Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	7.5	6-10	8	S.U
Settling Time	1	1	N/A	N/A	Days
Fe	Monitor	0	Monitor	0	mg/l
D.O.	Monitor	3	Monitor	3	mg/l
Settleable Sol.	Monitor	3	Monitor	3	mg/l
Cl*	12,500	500	12,500	1500	mg/l
Oil	Trace	none	Trace	none	Obs.
TOC**		_____	Monitor	N/A	mg/l
Oil and Grease		_____	Monitor	<8.23	mg/l
TSS		_____	Monitor	27	mg/l
Total Mn	Monitor	0.1	Monitor	.01	mg/l
Volume		_____	Monitor	3047.76	Gal
Flow		_____	Monitor	50.8	Gal/min
Activated Carbon (0.175)		0.175	N/A	N/A	lb/Bl
Date Site Reclaimed	N/A	N/A			10 days from dis.
Disposal Area		_____	Monitor	1	Acres

* Can be 25,000 with inspector's approval.

(Inspector's signature): _____

Date: _____

Aeration Code: 105





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September 20, 2012

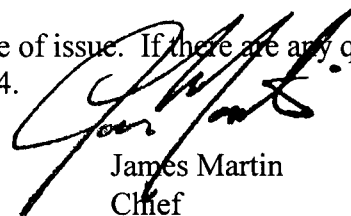
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3906342, issued to PANTHER, 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: 325
Farm Name: SHONK LAND COMPANY
API Well Number: 47-3906342
Permit Type: Plugging
Date Issued: 09/20/2012

Promoting a healthy environment.

WW-4B
Rev. 2/01

39.06342Y

1) Date 09, 04 , 2012
2) Operator's
Well No. 325
3) API Well No. Kan 1454

~~Oil Key~~
~~Needs an API~~

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 X / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow _____

5) Location: Elevation 1,274.6' Watershed Long Bottom Creek
District Cabin Creek 2 County Kanawha Quadrangle Eskdale 340

6) Well Operator Panther, LLC 7) Designated Agent Gary Acord
Address 500 Lee Street, East Suite 900 Address 500 Lee Street, East Suite 900
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Terry Urban Name CJ's Well Service
Address P.O. Box 1207 Address P.O. Box 133
Glendenin, WV 25045 Rowe, VA 24646

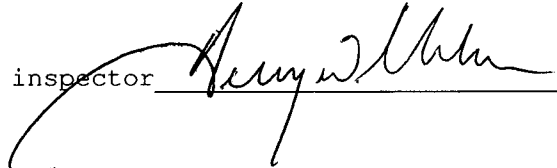
10) Work Order: The work order for the manner of plugging this well is as follows:
See attached plugging prognosis

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SEP 18 2012

WV Department of
Environmental Protection

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

Work order approved by inspector  Date 9-17-12

39.06342P

PLUGGING PROGNOSIS

Well #325
API# ~~Kan-1454~~ (Needs an API No.)
Cabin Creek District, Kanawha County

Current Status

Elevation: 1274.6'
Total Depth:
Active: No
Plugged: Yes

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**WV Department of
Environmental Protection**

Procedure for Plugging

- 1) Notify state inspector, Terry Urban, @ 304-549-5915, before starting.
- 2) Cleanout casing to at least 200' below the Eagle Coal Horizon, lowest seam to be mined
- 3) Perforate casing (if Applicable) to 101C standards to 200' below the Eagle seam
- 4) Set 300' expanding cement plug 200' below the Eagle seam to 100' above.
- 5) Cement will be set to the surface.
- 6) Depending on site conditions, plugging procedures may be modified after approval of the inspector.
- 7) All changes to the plugging procedures will be noted in the plugging affidavit.
- 8) Erect permanent monument with API number.
- 9) Reclaim the site and access road.

Aug 17 2012
9-17-12

Robert W. Rutter

39-06342P



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. K.L.L. - 1454

Oil or Gas Well No. 1279

Company: The Hunt Oil Company
 Address: Huntington - Box 561
 Farm: Milling Pool Company Acres: 12,000
 Location (water): Milling Creek
 Well No. 1279 Elev. 1272.12'
 District Milling Creek County: Mingo
 The surface of tract is owned in fee by Hunt Land Company
 UCC has been recorded in Address: Charleston W. Va.
 Mineral rights are owned by Hunt Land Company
 UCC has been recorded in Address: Charleston, W. Va.
 Drilling commenced 5-26-22
 Drilling completed 12-30-22
 Date shut in 12-31-22 From 2245 To 2255
 Well No. 1279

Casing and Tubing Size	Used In Drilling	Left In Well	Packers
16"			Kind of Packer
10" 5/8"	35'	35'	Size of
8 1/2" 5/8"	704'	704'	Depth set
8 1/2" 7/8"	1663' Pulled		
8 1/2" Sp	2270'	2279'	Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom

Open Flow /100% Water in _____ Inch
 /100% Mud in _____ Inch
 Values _____ Cu. Ft.
 Back Pressure _____ lbs.
 Oil _____ bbl. at 24 hrs.
 Fresh water _____ feet
 Salt water _____ feet

CASING CEMENTED 52 SIZE 2 3/4" HO. FL. 1272.12' In
 COAL WAS ENCOUNTERED AT 34' FEET 24 INCHES
 307' FEET 24 INCHES 718 FEET 24 INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel			0	32			
Coal			32	34			
Slate	gray	soft	34	55			
Sand	gray	hard	55	120			
Siltstone	tan	soft	120	130	Water	120	oil lens present
Sand			130	150			
Siltstone	gray	soft	150	207			
Sand	gray	hard	207	225			
Sand	gray	hard	225	245			
Siltstone	gray	soft	245	260			
Sand	gray	hard	260	285			
Sand	white	hard	285	330			
Siltstone & shale	gray	hard	330	362			
Sand	gray	hard	362	380			
Siltstone	black	soft	380	400			
Sand	white	hard	400	428			
Siltstone	white	soft	428	430			
Sand	white	hard	430	460			
Siltstone & shale	gray	hard	460	517			
Sand	gray	hard	517	528			
Sand	white	hard	528	538			
Siltstone & shale	black	soft	538	578			
Sand	white	hard	578	604			
Siltstone	black	soft	604	607			
Sand	black	soft	607	610			
Siltstone	black	soft	610	632			
Sand	gray	medium	632	700			
Siltstone & shale	black	soft	700	710			
Sand			710	720			
Siltstone & shale			720	746			
Sand			746	836			
Siltstone	black	soft	836	916			
Sand	white	medium	916	979			
Siltstone & shale			979	1095			
Sand	gray	hard	1095	1178			
Gravel	gray	hard	1178	1223			
Siltstone & shale			1223	1313			
Salt sand	white		1313	1623			

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WV Department of
Environmental Protection

(Over)

Robert W. Petta

39-06342P

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	white	medium	1633	1640	Water	1670	
Lime	gray	medium	1630	1715	water	1664	1 blr. p.h. hole full
Slate & shells			1715	1734			
Sand	gray	hard	1734	1770			
Lime	gray	hard	1770	1794			
Slate & shells			174	1803			
Red rock			1803	1845	gas	1667	
Lime, gray		hard	1845	1868			
Sand			1868	1877			
Slate & shells			1877	1936			
Lime, dark		hard	1936	1941			
Red rock & lime shells			1941	1960			
Slate & shells			1960	1976			
Green sand	white	hard	1976	2103	water	2012	1 blr. p.h. 20 blr. water
Lime	black	hard	2103	2123	water	2076	
Red rock		medium	2123	2129			
Lime	black	hard	2129	2157			
Slate & shells		black	2157	2193			
Little lime	black	hard	2193	2238			
Slate	black	medium	2238	2247			
Lime	black	hard	2247	2264			
Reddish sand	black	soft	2264	2276			
Red lime	white	hard	2276	2325			
Big sand	pink	hard	2325	2353			
Slate & shells			2353	2393			
Lime	gray	hard	2393	2635			
Slate	gray	medium	2635	2702			
Lime	gray	hard	2702	2715			
Slate & shells, gray		hard	2715	2763			
Red sand	gray	hard	2763	2805			
Slate & shells		gray, med	2805	2935			
Lime	gray	hard	2935	2946			
Slate	gray	medium	2946	2958			
Shale	brown	soft	2958	2963			
Green sand	white	hard	2963	2995			
Lime	black	hard	2995	3001			
				3001	TD SLT		
Green sand	hard	gray	2988	2983			
Green sand	Show of	gas	2983	2989	- -	Show of gas	not enough for test
Green sand	gray	red	2989	2991	- -	Rainbow of	oil
Green sand	gray	red	2991	2995	- -	Increase in	green oil
				2995	- -	Top of pay	
				2995	- -	Bot. of pay	

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WV Department of
Environmental Protection

Date February 18, 1910

The Pure Oil Company
Box 551, Newark, Ohio

APPROVED _____ Owner

By Hard Millis
Senior Superintendent

Robert W. Neill

39-06342P

FORM 66-B

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Shenk Land Co. - 802 Kanawha Banking & Trust Co. Bldg. - Charleston, W. Va. COAL OPERATOR OR OWNER
 The Pure Oil Company NAME OF WELL OPERATOR
 Box 591 - Newark, Ohio COMPLETE ADDRESS
 March 1, 1956 WELL AND LOCATION
 Cabin Creek District
 Kanawha County
 Well No. 325
 Williams Coal Company
 Dana E. Lawson

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SEP 18 2012

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha } ss:

WV Department of
Environmental Protection

Stanley K. Rubin and Eugene Y... being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by The Pure Oil Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 9th day of January, 1956, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD	FILLING MATERIAL			PLUGS USED	CASING	
	FORMATION	CONTENT	FROM TO		SIZE & KIND	CSG PULLED
Set 3" Parasco packer at 2200', filled w/ cement to 2220' shutting off water. Ripped 3-1/2" tbg. approximately 2100' and pulled from hole. Set 5-1/2" Parasco packer at 2100' and filled w/ calsoal to 2070' shutting off water. Reset 5-1/2" Parasco packer at 1940' and filled w/ calsoal to 1930'. Packer leaking, set additional 5-1/2" Parasco packer at 1850' and filled w/ calsoal to 1840' shutting off water. Ripped 5-1/2" csg. approximately 1720' and pulled from hole.					1720'	1840'
Set bridge			1450 1410			
Salt Sand	Cement		1410 1400	10' cement		
Slate & Shells	Clay		1400 1323			
Grampus Sand	Cement		1323 1313	10' cement		
Set bridge			774 764			
Started and pulled	5/8" csg. from hole.				764'	0
Sand	Clay		764 750			
Coal, sand, slate	Cement		750 686	5 1/2' cement		
Sand	Clay		686 640			
DESCRIPTION OF MORTARING						
(NAME) 1st	Cement		0 04	7" csg. labeled below surface and protruding above surface 30" high		
(NAME) 2nd	Cement		587 640	filled w/ cement w/ metal plate on top stenciled 1000 W000 300.		
(NAME) 3rd	Cement		686 720			
(NAME)						

and that the work of plugging and filling said well was completed on the 17th day of February, 1956

And further deponents saith not.

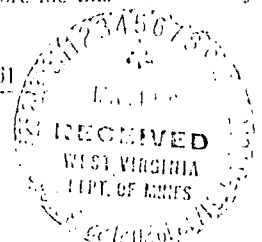
Sworn to and subscribed before me this 17th day of February, 1956.

Stanley K. Rubin
Eugene Y...

Notary Public

My commission expires:
My Commission Expires July 26, 1961

Permit No. Kan-1454-P



1.) Date: 9/06/2012 39-06342 P
 2.) Operator's Well Number 325
 3.) API Well No.: Kan-1454 old Kan
Needs an API

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Office of Oil & Gas

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

WV Department of
 Environmental Protection

4) Surface Owner(s) to be served:

(a) Name Shonk Land Company W
 Address P.O. Box 969
Charleston, WV 25324

Name Speed Mining, LLC W
 Address P.O. Box 99
Dawes, WV. 25054

#12708
 #100.00

(b) Name _____
 Address _____

(b) Coal Owner(s) with Declaration
 Name Shonk Land Company W
 Address P.O. Box 969
Charleston, WV 25324

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(c) Name _____
 Address _____

Name _____
 Address _____

SEP 18 2012

6) Inspector Terry Urban
 Address P.O. Box 1207
Clendenin, WV 25046

(c) Coal Lessee with Declaration
 Name Panther, LLC
 Address 500 Lee Street, East Suite 900
Charleston, WV 25301

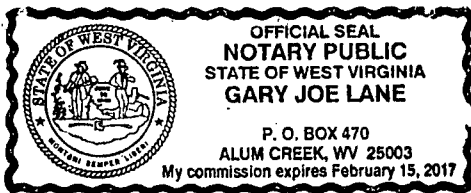
WV Department of
 Environmental Protection

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 Panther, LLC
 By: Gary Acord Gary E. Acord
 Its: Agent
 Address 500 Lee Street, East Suite 900
Charleston, WV. 25301
 Telephone 304-205-8847

Subscribed and sworn before me this 13th day of September 2012
Gary Joe Lane
 My Commission Expires February 15, 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

39-06342P
ok Kan
Needs an API

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 PANTHER, LLC OP Code _____

Watershed Long Bottom Creek Quadrangle Eskdale

Elevation 1,274.6' County Kanawha District Cabin Creek

Description of anticipated Pit Waste: Clay and Cement

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes _____ No X

Will a synthetic liner be used in the pit? Yes If so, what mil.? 10 TU

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 _____)

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Drilling medium anticipated for this well? Air, freshwater, oil based, etc. _____ Water _____
-If oil based, what type? Synthetic, petroleum, etc. _____

**WV Department of
Environmental Protection**

Additives to be used ? _____

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

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 Gary E Acord

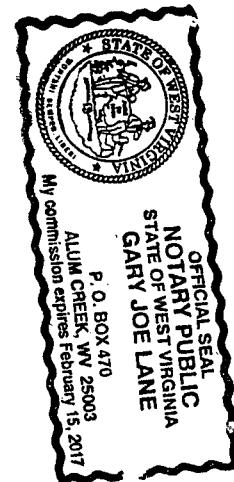
Company Official (Typed Name) Gary Acord

Company Official Title Agent

Subscribed and sworn before me this 13th day of September, 2012

Gary Joe Lane Notary Public

My commission expires February 15, 2017



LEGEND

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

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SEP 18 2012

WV Department of Environmental Protection

Proposed Revegetation Treatment: Acres Disturbed _____ 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 or 1000-1500 lbs Hydroseed Mulch Tons/acre
Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Fescue	40 lbs./Ac. _____	_____	_____
Clover	5 lbs./Ac. _____	_____	_____
Ryegrass	5 lbs./Ac. _____	_____	_____

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Amy White*

Comments: _____

Title: *Inspectible Gas* Date: *9-17-12*

Field Reviewed? () Yes () No



**WELL NO. 325 AREA
API NO. 47-039-**

**SPEED MINING, LLC,
AMERICAN EAGLE MINE**

Well No. 325
Scale: 1" = 2000'

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SEP 18 2012

**WV Department of
Environmental Protection**

**ESKDALE QUADRANGLE
WEST VIRGINIA - KANAWHA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 MONTGOMERY 15 MINUTE QUADRANGLE**

35-063421

THIS MAP COMPLES WITH NATIONAL MAP ACQUIR FOR SALE BY U.S.GEOLOGICAL SURVEY, RESTON, FOR OTHER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT NATIONAL GEODETIC VERTICAL DATUM OF

ESKDALE 2.5 MIN.
SCALE 1:24,000
1/2
0 1000 2000 3000 4000 5000
ESKDALE 2.5 MIN. QUADRANGLE
7.5 MINUTE SERIES
MONTGOMERY 15 MINUTE QUADRANGLE

38° 07' 30" 81° 30' 00"
1850 000 FEET 458
27° 30" 451
ESKDALE 2.5 MIN. QUADRANGLE
7.5 MINUTE SERIES
MONTGOMERY 15 MINUTE QUADRANGLE



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

39-06342P

API: Needs an API Number (~~Kan-1454~~) WELL NO.: 325
FARM NAME: Williams Coal Co.
RESPONSIBLE PARTY NAME: Gary E. Acord
COUNTY: Kanawha DISTRICT: Cabin Creek
QUADRANGLE: Eskdale
SURFACE OWNER: Shonk Land Company
ROYALTY OWNER: Shonk Land Company
UTM GPS NORTHING: 4217573.8
UTM GPS EASTING: 456283.1 GPS ELEVATION: 1274.6 feet

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 X : 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.

Gary E. Acord, P.E. SUPERVISING ENGINEER 9-13-12
Signature Title Date

39-06342P

SURFACE OWNER WAIVER

Operator's Well
Number

325

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.

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SEP 18 2012

Chief, Office of Oil and Gas
Department of Environmental Protection

601 57th St. SE
Charleston, WV 25304
(304) 926-0450

WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files the 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

FOR EXECUTION BY A CORPORATION,

Signature

Date

Name

By SHONKLEND EMEANY LLP
Its Thomas Lon Shonkle Date _____
Thomas Lon Shonkle
Signature Date 9/17

39-06342 Old Kan
Needs on API

WW-4B

API No. Kan 1454

Farm Name Williams Coal Co

Well No. 325

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

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Office of Oil & Gas

SEP 18 2012

WAIVER

WV Department of
Environmental Protection

The undersigned coal operator _____ / owner / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 9-13 12

By: [Signature]
Its: Special Asst. to Manager

Farm Name Williams Coal Co

Well No. 325

39.06342P

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

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RECEIVED
Office of Oil & Gas

SEP 18 2012

WAIVER

**WV Department of
Environmental Protection**

The undersigned coal operator ✓ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 9-13-12

speed mining LLC.
mark Allaman
By: mark Allaman
Its manager
Engineering

State of West Virginia

Department of Environmental Protection

This is to acknowledge that the well: API no. 47-039- Kan 1454 (abandoned old Pure Oil Co.)
Needs an API

District	Cabin Creek		
Well No	325	Farm name	Williams Coal Co.

Is hereby transferred To: **RECEIVED**
Office of Oil & Gas

The transferee	Company: Panther, LLC		
Code #	SEP 18 2012	Address	500 Lee Street East Suite 900 Charleston, WV. 25301

WV Department of Environmental Protection

Transfer approval and responsibility for any noncompliance matter not resolved in this document will be addressed in the thirty day circular that will be issued after review of your application for transfer, or as otherwise set forth by agreement with the Chief.

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

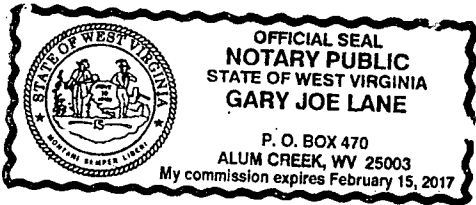
Designated agent (name) Gary E. Acord
Address: 500 Lee Street East, Suite 900 Charleston, WV 25301

The transferee has bonded the said well by (check one):

Securities Cash Surety bond Letter of credit

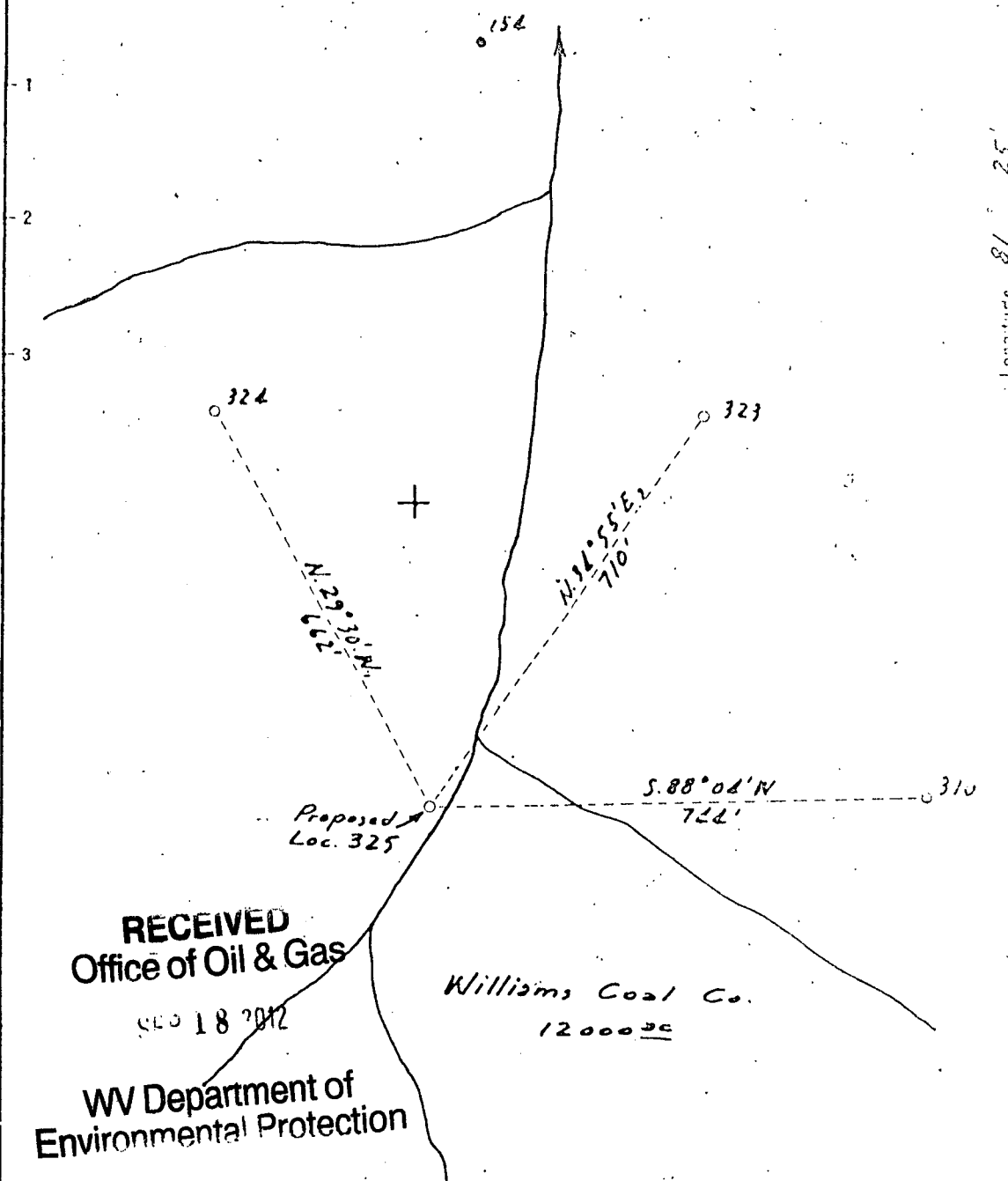
Identified by:

Amount: \$50,000	Effective date : 2-25-2005
Issuing authority: Travelers Casualty & Surety Co. of America	Id. No: 104224255



Transferee: Panther, LLC
By: Gary E. Acord *[Signature]*
Its: Agent

Taken, subscribed and sworn before me this 13th day of September 2012
Notary Public Gary Joe Lane
My Commission Expires February 15, 2017



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Office of Oil & Gas
SEP 18 2012

Williams Coal Co.
12000 ac

WV Department of
Environmental Protection

New Location
Drill Deeper
Abandonment

Company The Pure Oil Co.
Address Newark, Ohio
Farm Williams Coal Co.
Tract Acres 12000 Lease No. 5012
Well (Farm) No. 325 Serial No. 255
Elevation (Spirit Level) 1267
Quadrangle Montgomery
County Kanawha District Cabin Creek
Engineer J. B. Hamblet
Engineer's Registration No. Ohio-2912
File No. _____ Drawing No. _____
Date July 15, 1948 Scale 1" = 200'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. KAN-1454

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch space on border line of original tracing.

Operator: PANTHER, LLC
API: 3906342
WELL No: 325
Reviewed by: K Date: 9/19
15 Day End of Comment: Waiver

CHECKLIST FOR FILING A PERMIT

Plugging

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- 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)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

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)