

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

October 08, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8100315, issued to CABOT OIL & GAS CORPORATION, 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 penalities 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.

/

Chief

James Martin

Operator's Well No: A-5

Farm Name: PINEY COKING COAL

API Well Number: 47-8100315 Permit Type: Plugging

Date Issued: 10/08/2014

Promoting a healthy environment.

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.
- 4. This well is under a consent order and must be plugged under the terms of that agreement.

₩W-4B Rev. 2/01

1) Date	Sep	embe	r 26	,	2014
2) Oper	ator	S			
Well	No.	Piney	Coal A	-5	
3) 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 _X / Liquid (If "Gas, Production X or Und	derground storage) Deep / Shallow 2
	The same reasons of the	serground storage/ Deep/ Sharrow_/
5)	Location: Elevation 2,021.60'	Watershed Unnamed Tributary of Stonecoal Creek
	District Slab Fork	County Raleigh Quadrangle Crab Orchard
6)	Well Operator Cabot Oil & Gas Corporation	7) Designated Agent Whitney Johnson
07	Address Five Penn Center West, Ste. 401	Address P.O. Box 450
	Pittsburgh, PA 15276	Glasgow, WV 25086
8)	Oil and Gas Inspector to be notified Name Gary Kennedy	9) Plugging Contractor Name Shreve's Well Service
	Address P.O. Box 268	Address 3473 Triplett Road
	Nimitz, WV 25978	Spencer, WV 25275
	Work Order: The work order for the mann	ner of plugging this well is as follows:
		Received not 1 2014
oti		Received OCT 1 2014 OCT 1 2014 Office of Oil and Gas
oti	See Attached Sheet	Peceived 1 2014 OCT Once of oil and gas proportion Once of oil and proportion Onc
oti	See Attached Sheet	Received not 1 2014

PINEY COKING A-5 API # 47 - 081-00315 PLUGGING PROCEDURE

Current Configuration

DTD @ 1030'

9 5/8" casing @ 32'

7" casing @ 158' cemented to surface

2 7/8" - 6.4# - K55 casing @ 1030' w/ TOC @ 2450'

Ravencliff perforations: 942' - 945' & 980' - 992'

No coal reported Fresh water @ 63'

Salt water @ 408'

PROCEDURE

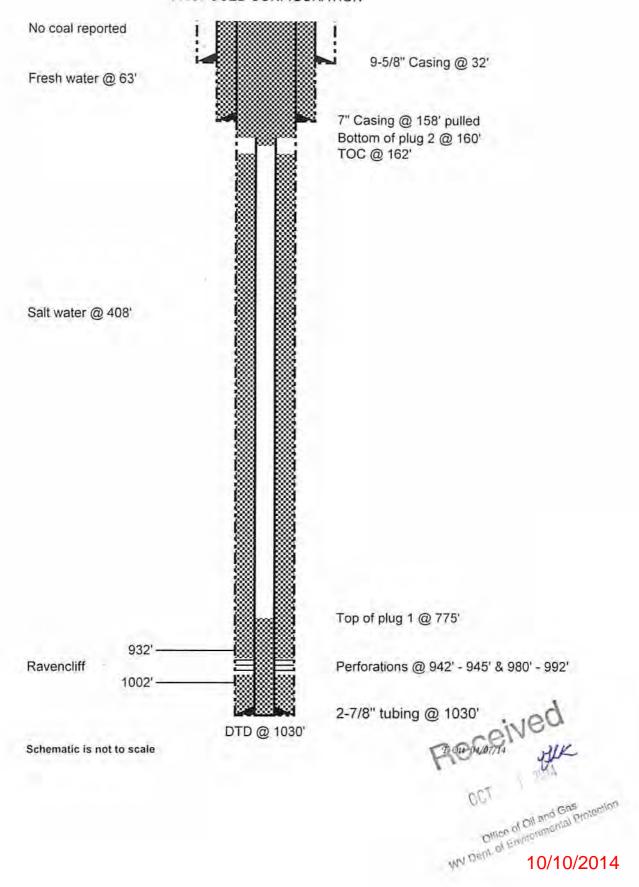
- 1. Contact Pineville District Office a minimum of 48 hours prior to starting work
- 2. Contact state inspector a minimum of 24 hours prior to starting work.
- 3. MIRU service rig and blow down well.
- 4. Lay 2" line from wellhead to pit/tank and stake down securely.
- 5. Have vacuum truck available to catch any fluids circulated from well.
- 6. Unpack wellhead.
- 7. TIH with 1-1/2" work string to 1030'.
- 8. MIRU Cementing Company.
- 9. Pump 5 bbls of 6% Gel followed by 7 sacks of Class A cement for Cement Plug 1 from 1030' to 775'.
- 10. Displace with 1 1/2 bbls of 6% Gel.
- 11. TOOH with work string and lay down. Let cement plug set for a minimum of eight hours.
- 12. MIRU Wireline Company and check setting of cement plug at 775'.
- 13. Run freepoint on 2 ⁷/₈" casing, cut where free, and POOH. Estimate ±160'.
 14. TIH with 1-1/2" work string to 10' inside of 2 ⁷/₈" casing cut and pump 30 sacks of Class A cement for cement plug 2 from ±170' to surface.
- 15. TOOH with 1-1/2" work string and lay down.
- 16. RDMO Cement company
- 17. Erect Monument according to Law.
- 18. RDMO.

Received

OCT 1 2014 W Dept. of Environmental Protection 10/10/2014

Piney Coking A-5

API 47-081-00315 PROPOSED CONFIGURATION



0G-10 Rev. - 9-71



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

DEFT CE TO THE

Oil and Gas Division

WELL RECORD

Quadrangle Flattop
Permit No. Ral-315

Company Appalachian Exploration & Dev., Inc. Address P.O. Box 628, Charleston, W. Va. Piney Coking Acres 18,091 Location (waters) Stonecoal Creek
Well No. A-5 2001 Well No ._ District_Slab Fork_ Raleigh _ County_ The surface of tract is owned in fee by Piney Coking Coal Co. Address Attn: Mr. F.W. Sawyer Address Hinton W. Va. Mineral rights are owned by. same as above __ Address_ 5/25/74 Drilling Commenced___ 6/4/74 Drilling Completed___ Initial open flow ____ _cu. ft. _ Final production 179 M cu. ft. per day --hrs. before test 150 RP. Well open ____6 Well treatment details:

Casing and Tubing	Used in Drilling	in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond			
9 5/8	32'	32'	1
8 5/8			1
7	158'	158'	
5 1/2			
4 1/2			
3			
2 -7/8" Liners Used	1030!	1030'	JHE.

Attach copy of cementing record.

Fract Rayencliff with 500 gals. acid, 703 bbls. gelled water and 45,000# 20/40 sand. Breakdown psi 1500#; maximum psi 2200#. Average psi 2130#.

ISIP 600 psi; 15 min., 400 psi.

Perforated 2-7/8" tubing as follows: 942-45' (3 holes) and 980-92 (17 holes)

Coal was encountered at none logged Feet Inches

Fresh water 63' Feet Salt Water 408' Feet

Producing Sand Ravenclife Depth 942-45 980-92

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Sand and shale Shale and sand Slate Shale Sandy shale Shaley sand Sandy shale Top Ravencliff Sand and shale Bottom Ravencliff Red Rock	0 115 200 310 408 420 522 862 902 932 1002	115 200 310 408 420 522 862 902 932 1002 1030	
	3 3		10/10/2014

(over)

330 01 638

^{*} Indicates Electric Log tops in the remarks tection.

ormation	Color Har	d or Soft To	p Feet 6	Bottom Feet	Oil, Gas or Wat	er • Remarks
					7	
	×.					
		13				
Cement R					6	JANA
Casing	Comen		No. of	sks.	Company Dowell	JANA
	Comen	A ω/2% CaC12	No. of 75 64	sks.		JANA
Casing 7"	Class	A ω/2% CaC12	75	sks.	Dowell Dowell	Received OCT 1 2014 Office of Oil and Gas W Dept. of Environmental Protes

Appalachian Exploration & Development, Inc.

By District Production Superintendent (Tille)

WW-4A Revised 6-07 1) Date:

September 26, 2014

2) Operator's Well Number

Piney Coal A-5

3) API Well No.: 47 -

081

00315

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

(a) Name Address	Piney Land Company c/o E.M. Payne III 130 Main Street	Name Address	Pocahontas Coal Company, LLC: 109 Appalachian Drive	White Mountain Mining P.O. Box 2594
21441035	Beckley, WV 25801	riduress	Beckley, WV 25801	Beckley, WV 25801
(b) Name	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(b) Coal Ov	wner(s) with Declaration	
Address		Name	Piney Land Company c/o E	E.M. Payne III
		Address	130 Main Street	
			Beckley, WV 25801	
(c) Name		Name		
Address		Address		
) Inspector	Gary Kennedy	(c) Coal Le	ssee with Declaration	
Address	P.O. Box 268	Name	Pocahontas Coal Company	y, LLC
	Nimitz, WV 25978	Address	109 Appalachian Drive	/
Telephone	(304) 382-8402		Beckley, WV 25801	100

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.

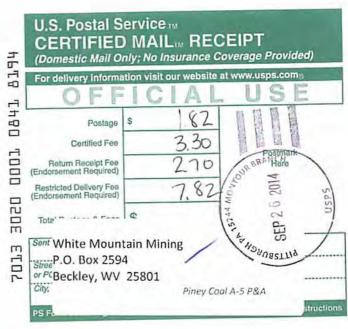
	Well Operator	Cabot Oil & Gas Corporation
COMMONWEALTH OF PENNSYLVANIA	By:	Kenneth L. Marcum
Notarial Seal	Its:	Regulatory Supervisor
Dana Neil Notary Public	Address	Five Penn Center West, Ste. 401
Burgettstown Boro, Washington County My Commission Expires Oct. 20, 2016		Pittsburgh, PA 15276
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES	Telephone	(412) 249-3850
Subscribed and sworn before me th	is HTh di	ay of September, 2014 Office of Oil and Ga
	Tus 20 201	I/o SED 9 0 cars

Oil and Gas Privacy Notice

WV Department of

The Office of Oil and Gas processes your personal information, such as name, address and phone number of 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 depprivacyoffice wv.gov. 10/10/2014









RECEIVED
Office of Oil and Gas

SEP 2 9 2014

WV Department of Environmental Protection WW-9 Rev. 5/10

F	age	1	of	
API Number 47 - 1	081	-	00315	
Operator's Well No	. Pin	ey Co	al A-5	

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

A 43034 A 503 3	Corporation	OP Code	
atershed Piney Creek of the New	w River Quadra	angle Crab Orchard	
levation 2,022'	County Raleigh	District Slab Fork	
escription of anticipated Pit Waste:	None - no cuttings produced	during plugging operation	
o you anticipate using more than 5,0	000 bbls of water to complete the pro-	oposed well work? Yes No	
Vill a synthetic liner be used in the p	it? N/A . If so, what	mil.?	
Proposed Disposal Method For Treate			
Land Appl Undergrou	lication and Injection (UIC Permit Number		V.
	API Number		
Off City D	innormal (County Course WW) O Counting	posal location)	
/ Other (Ex	plain Tauk Alk	posai location)	
-If oil based, what type? Syr			
Additives to be used?	P		
Drill cuttings disposal method? Leav	re in pit, landfill, removed offsite, etc	, No cuttings produced during plugg	ing operation
		ment, lime, sawdust	
-Landfill or offsite name/per			
on August 1, 2005, by the Office of C	Dil and Gas of the West Virginia Dep	of the GENERAL WATER POLLUTI partment of Environmental Protection.	I understand tha
on August 1, 2005, by the Office of Corovisions of the permit are enforced law or regulation can lead to enforced I certify under penalty of lapplication form and all attachment obtaining the information, I believe penalties for submitting false information	oil and Gas of the West Virginia Depable by law. Violations of any terminent action. aw that I have personally examined the thereto and that, based on my that the information is true, accuration, including the possibility of fine	or condition of the general permit and d and am familiar with the information inquiry of those individuals immedia ate, and complete. I am aware that	I understand tha I/or other applic on submitted on tely responsible
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Operator's Well No. Piney Coal A-5

Property Boundary	Diversion 12011111111111111111111111111111111111
Road $\Xi \Xi \Xi \Xi \Xi \Xi \Xi \Xi \Xi \Xi$	Spring -
Existing Fence — X — X — X —	Wet Spot
Planned Fence / / /	Drain Pipe with size in inches
Stream Change Comment	Waterway $\longleftrightarrow \longleftrightarrow \longleftrightarrow \longleftrightarrow \longleftrightarrow$
Open Ditch	Cross Drain 7/1/1/1/1/1/1/1/1/
Rock 656 856	Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells (W)	Area for Land Application of Pit Waste
Drill site	
Proposed Revegetation Treatment: Acres Disturbed 2.5	Prevegetation pH 6.5
	C.E
Lime Tons/acre or to correct to pl	H
Fertilizer (10-20-20 or equivalent)lb	s/acre (500 lbs minimum)
Mulch Pulp Fiber at 1000 to 1500 Tons/	/acre
Sec	ed Mixtures
Area I Seed Type lbs/acre	Area II
	Seed Type lbs/acre Grain Rye - 100 Red Clover - 5 Fescue - 40
Grain Rye - 100 Red Clover - 5 Fescue - 40	Grain Rye - 100 Red Clover - 5 Fescue - 40
Grain Rye - 100 Red Clover - 5 Fescue - 40 Annual Rye - 20 White Clover - 5	Grain Rye - 100 Red Clover - 5 Fescue - 40 Annual Rye - 20 White Clover - 5
Grain Rye - 100 Red Clover - 5 Fescue - 40 Annual Rye - 20 White Clover - 5 Perennial Rye - 10 Alta Sweet Clover - 5	Grain Rye - 100 Red Clover - 5 Fescue - 40 Annual Rye - 20 White Clover - 5 Perennial Rye - 1 Alta Sweet Clover - 5 Yellow Clover - 5 Birdsfool Trefooil - 10
Annual Rye - 20 White Clover - 5 Perennial Rye - 10 Alta Sweet Clover - 5 Yellow Clover - 5 Birdsfoot Trefoil - 10 Attach: Drawing(s) of road, location,pit and proposed area for land appropriate to the content of	Grain Rye - 100 Red Clover - 5 Fescue - 40 Annual Rye - 20 White Clover - 5 Perennial Rye - 1 Alta Sweet Clover - 5 Yellow Clover - 5 Birdsfool Trefooil - 10 plication.
Annual Rye - 20 White Clover - 5 Perennial Rye - 10 Alta Sweet Clover - 5 Yellow Clover - 5 Birdsfoot Trefoil - 10 Attach: Drawing(s) of road, location,pit and proposed area for land appropriate section of involved 7.5' topographic sheet. Plan Approved by: ###################################	Grain Rye - 100 Red Clover - 5 Fescue - 40 Annual Rye - 20 White Clover - 5 Perennial Rye - 1 Alta Sweet Clover - 5 Yellow Clover - 5 Birdsfool Trefooil - 10 plication.
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GENERAL NOTES:

THIS DRAWING REPRESENTS A SCHEMATIC REPRESENTATION OF THE PROPOSED WELL SITE AND ACCESS ROAD. PROPOSED STRUCTURES SUCH AS THE DRILLING PIT, ROADWAY, CULVERTS, SEDIMENT BARRIERS, ETC. ARE SHOWN IN THEIR APPROXIMATE PREPLANNING CONFIGURATION. GIVEN UNFORESEEN CIRCUMSTANCES, THE AS-BUILT LOCATION OF THESE STRUCTURES MAY VARY SLIGHTLY FROM THE LOCATION SHOWN ON THE ATTACHED DRAWINGS.

ALL ROADS SHOWN THEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH GUIDELINES AND REQUIREMENTS OF WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL

MANUAL.

ALL CULVERTS SHOWN ON THIS DRAWING ARE PROPOSED AND WILL BE A MINIMUM OF 15" IN DIAMETER UNLESS OTHERWISE NOTED.

DITCH LINES AND CULVERTS WILL BE INSTALLED WHENEVER PRACTICAL. HOWEVER PORTIONS OF THE EXISTING/ PROPOSED ROADS WHICH ARE LOCATED IN SOLID ROCK SHALL NOT REQUIRE DITCHES OR CROSS DRAINS, UNLESS OTHERWISE WARRANTED BY FIELD CIRCUMSTANCES.

SUPPLEMENTAL DRAINAGE AND/OR SEDIMENT CONTROL STRUCTURES MEASURES IN ADDITION TO THOSE SHOWN ON THE ATTACHED DRAWINGS WILL BE INSTALLED WHEN AND WHERE DEEMED NECESSARY. SUCH ADDITIONAL MEASURES MAY CONSIST OF EITHER STRAW BALES, SILT FENCES OR OTHER MEASURES OUTLINED IN THE WEST VIRGINIA DEPARTMENT

OF OIL AND GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL.

SEDIMENT BASINS (TRAPS) WILL BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAINS INLETS AS REQUIRED IN THE WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL MANUAL. FIELD CONDITIONS SUCH AS ROCK OUTCROPS AND BEDROCK MAY PROHIBIT INLET TRAPS BEING INSTALLED WHEN THESE CONDITIONS EXIST.

ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

A SEDIMENT BARRIERS OF EITHER BRUSH, STRAW BALES, FILTER FENCE, ETC. WILL BE INSTALLED AND MAINTAINED BELOW THE OUT FALL OF ALL PROPOSED CULVERTS AND AT ALL OTHER STORM WATER DRAINAGE POINTS FROM EITHER THE ROADWAY OR THE LOCATION.

ALL NECESSARY TIMBER OR BRUSH WILL BE REMOVED FROM ROUTE OF THE ROADWAY AND LOCATION BY CLEANING AND GRUBBING ACTIVITIES. ANY SALVAGEABLE TIMBER WILL BE CUT AND STACKED TO THE SIDE OF THE ROADWAY OR REMOVED TO A STOCKPILE AREA. THE REMAINING TIMBER OR BRUSH WILL BE CUTUP AND WIND ROWED BELOW THE OUTSLOPE OF THE CONSTRUCTION AREAS TO BE UTILIZED AS A SEDIMENT BARRIER.

SEPARATE PERMITS WILL BE OBTAINED FROM THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION FOR ALL POINTS OF INGRESS AND EGRESS FROM COUNTY AND STATE ROADS. THESE INGRESS AND EGRESS POINTS WILL BE MAINTAINED IN ACCORDANCE WITH CURRENT WEST VIRGINIA DEPARTMENT OF TRANSPORTATION REGULATIONS. A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF 8" OF CRUSHED STONE WILL BE CONSTRUCTED FOR A MINIMUM DISTANCE OF 50' FROM THE INGRESS AND EGRESS POINTS OF ALL PUBLIC ROADWAYS IN ACCORDANCE WITH CURRENT WEST VIRGINIA DEPARTMENT OF TRANSPORTATION REGULATIONS.

DEPARTMENT OF TRANSPORTATION REGULATIONS.

ALL CULVERTS SHOWN ON THE ATTACHED DRAWINGS ARE TO BE CONSIDERED PERMANENT AND WILL REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION ACTIVITIES UNLESS NOTED OTHERWISE. A STABILIZED OUTLET CONTROL DEVICE SUCH AS RIP RAP, NATURAL STONE, BRUSH, ETC. WILL BE INSTALLED BELOW THE OUT FALL OF ANY ROADWAY CULVERT(S) WHICH ARE NOT LOCATED IN A STREAM OR CREEK.

PERMANENT CROSS DRAINS OR WATER BARS WILL BE INSTALLED AS AN INTEGRAL PART OF THE RECLAMATION PROCESS AND SHALL BE SPACED IN ACCORDANCE WITH AS—BUILT ROADWAY SLOPES AND TABLE 11—4 OF THE WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL.

TEMPORARY SEEDING AND MULCHING WILL BE UTILIZED TO PROVIDE A VEGETATIVE COVER ON ALL DISTURBED AREAS I.E. ROADWAYS, LOCATION, ROAD/LOCATION SLOPES AND ANY OTHER AREAS THAT ARE DISTURBED BY CONSTRUCTION ACTIVITIES

ACTIVITIES.

THE LOCATION OF DRILLING PIT(S) MAY BE ADJUSTED TO THE MOST ENVIRONMENTAL SAFE SITE TO MEET THE REQUIREMENTS OF THE WVDEP.

CONTRACTORS NOTE:

IT IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND CONDITION OF ALL UNDERGROUND UTILITIES, SANITARY SEWERS, STORM SEWERS, ETC. PRIOR TO THE COMMENCEMENT OF ANY/OR CONSTRUCTION ACTIVITIES. DIG WITH C.A.R.E. CALL MISS UTILITY 1-800-245-4848.

TABLE 11-4 SPACIN	G OF CROSS DRAINS
ROAD GRADE (%)	DISTANCE (FT)
1	400
2	250
5	135
10	80
15	60
20	45

TABLE 11-7 SPAC	ING OF CULVERTS
ROAD GRADE (%)	DISTANCE (FT)
2-5	500-300
6-10	300-200
11-15	200-100
16-20	100



1-800-245-4848

DRAWING LEGEND

PROPOSED ROAD EXISTING ROAD STRAW BALES SILT FENCE BRUSH BARRIER 250 TREE LINE ROCK RIP RAP CROSS DRAIN CULVERT DRILLING PIT ROAD DITCH GAS LINE
FENCE LINE
ROCK OUTCROP
WATER WELL
HOUSE/STRUCTURE
UTILITY POLE 0 僵 SPRING WET SPOT PIT WASTE APP. AREA

emental Protection

DRIVING DIRECTIONS FOR PINEY COAL

FROM PINEVILLE, WV DRIVE NORTH ON STATE ROUTE 97 18.2 MILES± TO ROUTE 34.

TURN RIGHT ONTO ROUTE 34 AND GO FOR 2.2 MILES± TO STATE ROUTE 121. 2.)

TURN LEFT ONTO STATE ROUTE 121 AND GO FOR 3.6 MILES± TO EXIT RAMP AND EXIT THE HIGHWAY, TURN RIGHT ON STATE ROUTE 97 AND GO FOR 0.1 MILE± TO ROUTE 16. 3.)

TURN RIGHT ONTO ROUTE 16 AND GO FOR 0.8 MILE± TO ROUTE 16/14.

TURN LEFT ONTO ROUTE 16/14 AND GO FOR 0.4 MILE± TO ROUTE 29/2. TURN RIGHT ONTO ROUTE 29/2 AND GO FOR 2.3 MILES± TO ROUTE 29. 5.)

6.) 7.)

8.)

TURN RIGHT ONTO LILLYBROOK ROAD AND GO FOR 0.2 MILE± TO LILLY BROOK ROAD.

TURN RIGHT ONTO LILLYBROOK ROAD AND GO FOR 0.6 MILE± TO THE BEGINNING OF THE EXISTING ACCESS ROAD, LOCATED ON THE LEFT—HAND SIDE OF THE ROAD.

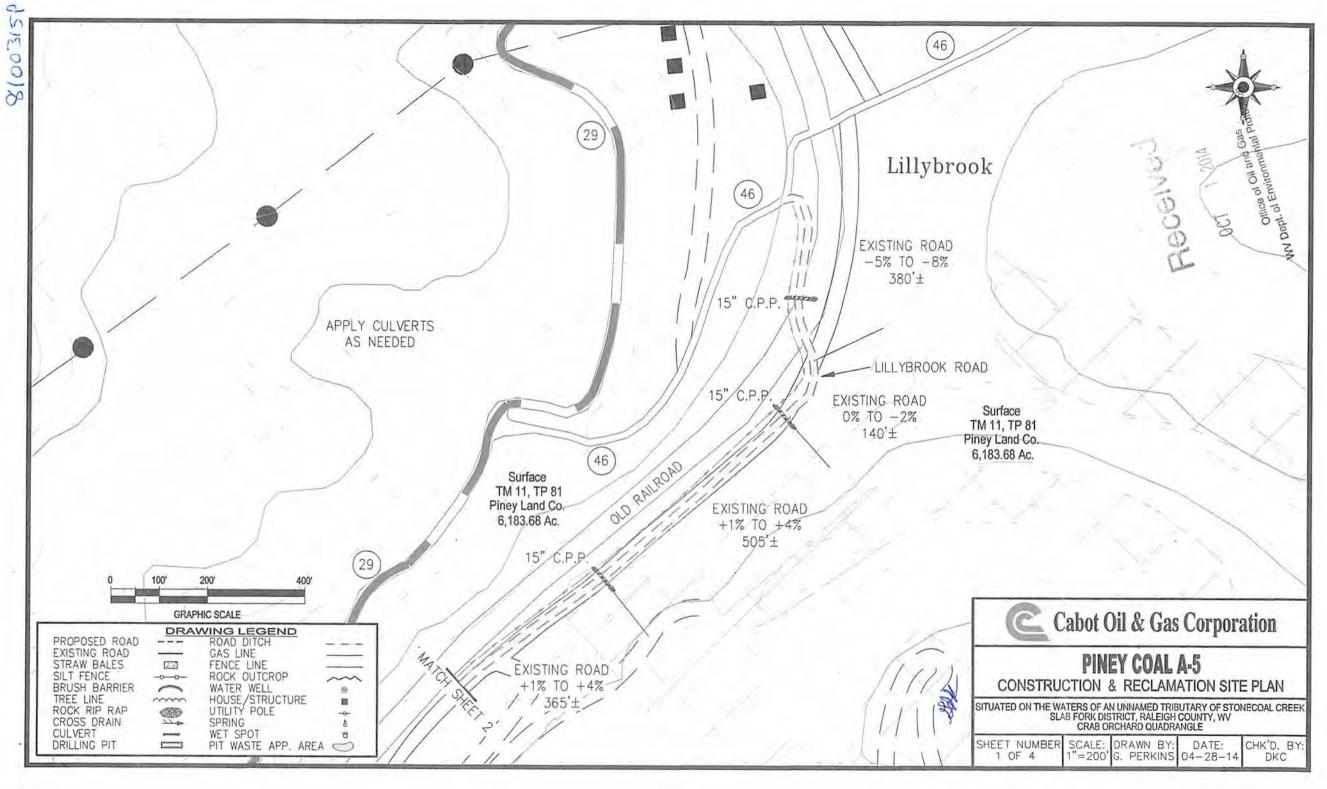
FROM THE AFOREMENTIONED SITE FOLLOW THE FOLLOW. 9.)

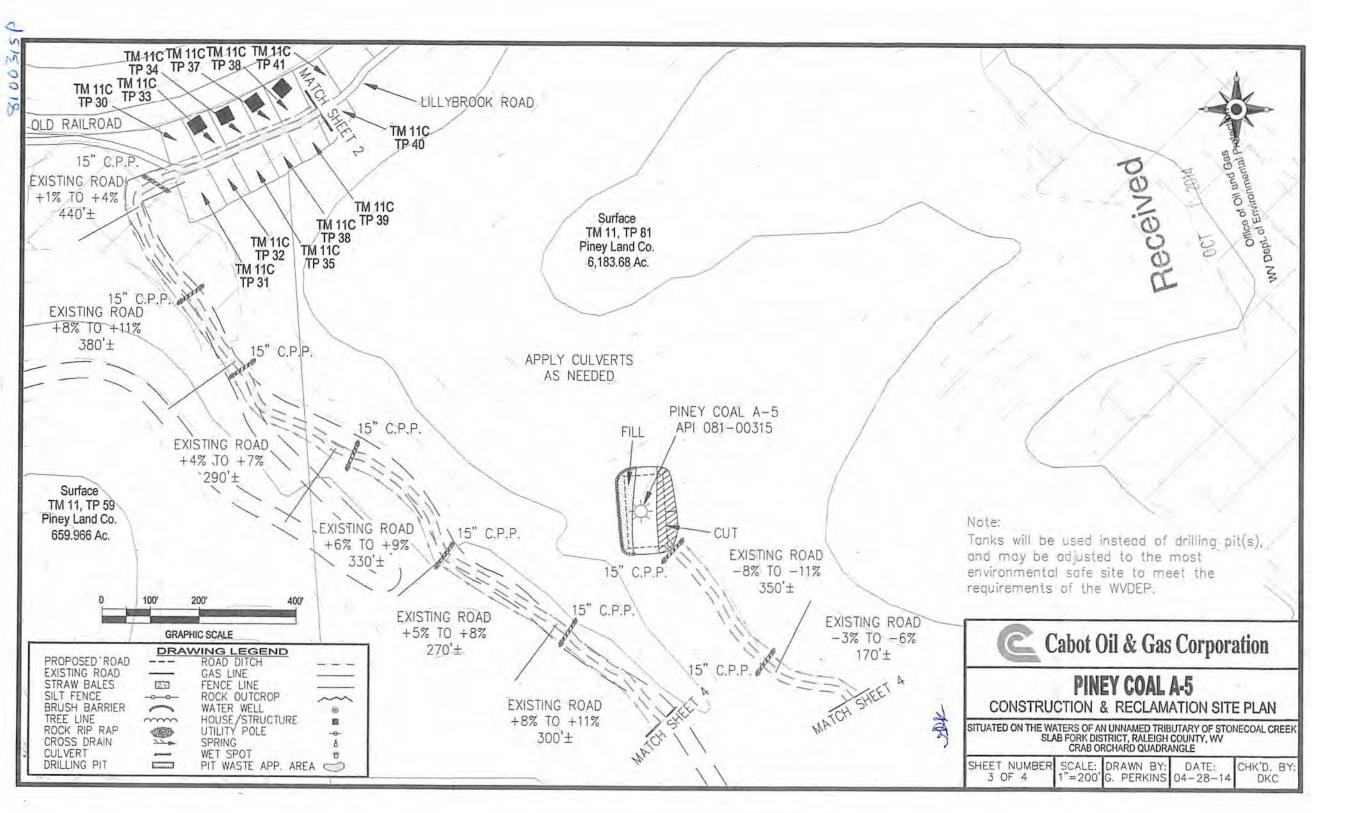
10.) FROM THE AFOREMENTIONED SITE, FOLLOW THE EXISTING ROAD FOR APPROXIMATELY 0.9 MILE TO THE A EXISTING WELL SITE IN THE FIELD AS SHOWN ON THE "CONSTRUCTION AND RECLAMATION PLAN".

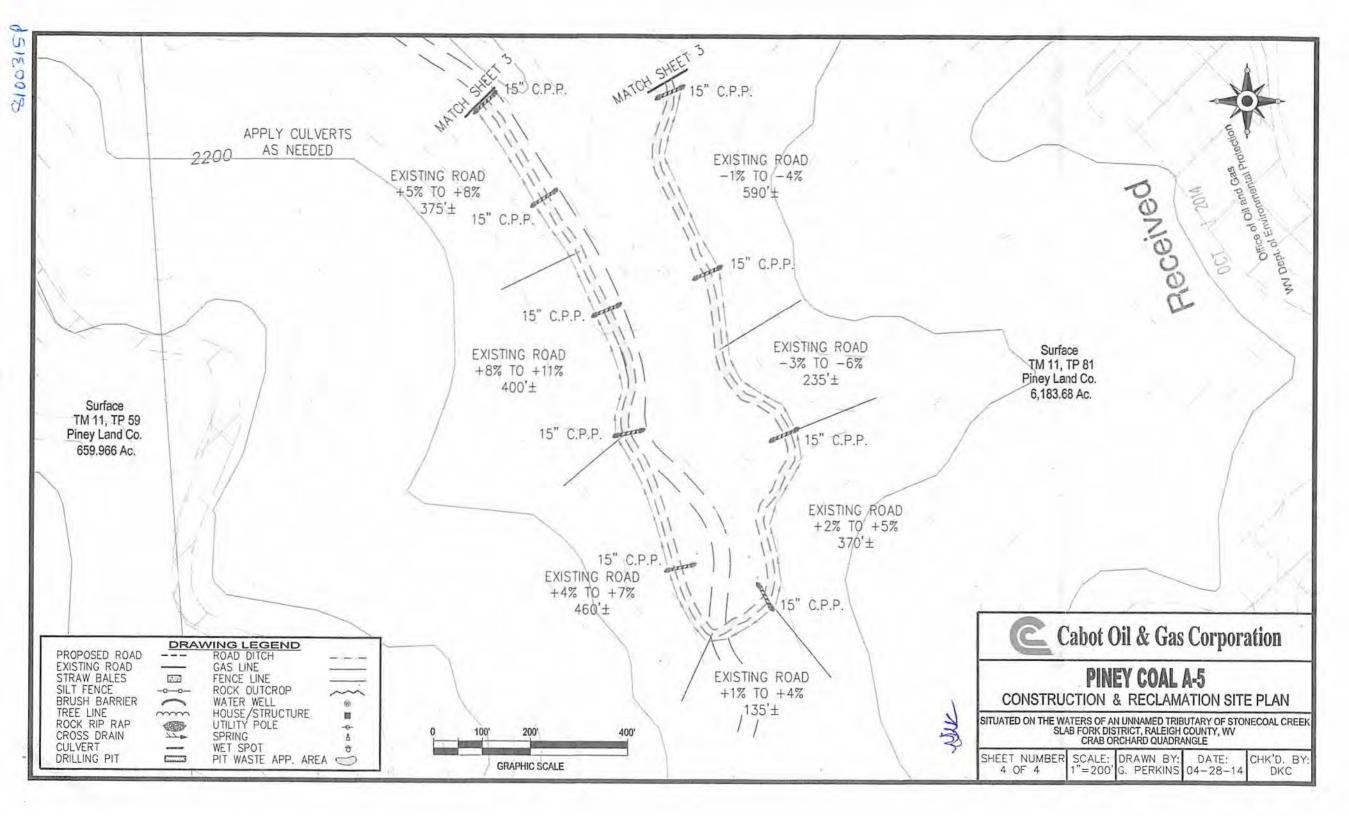


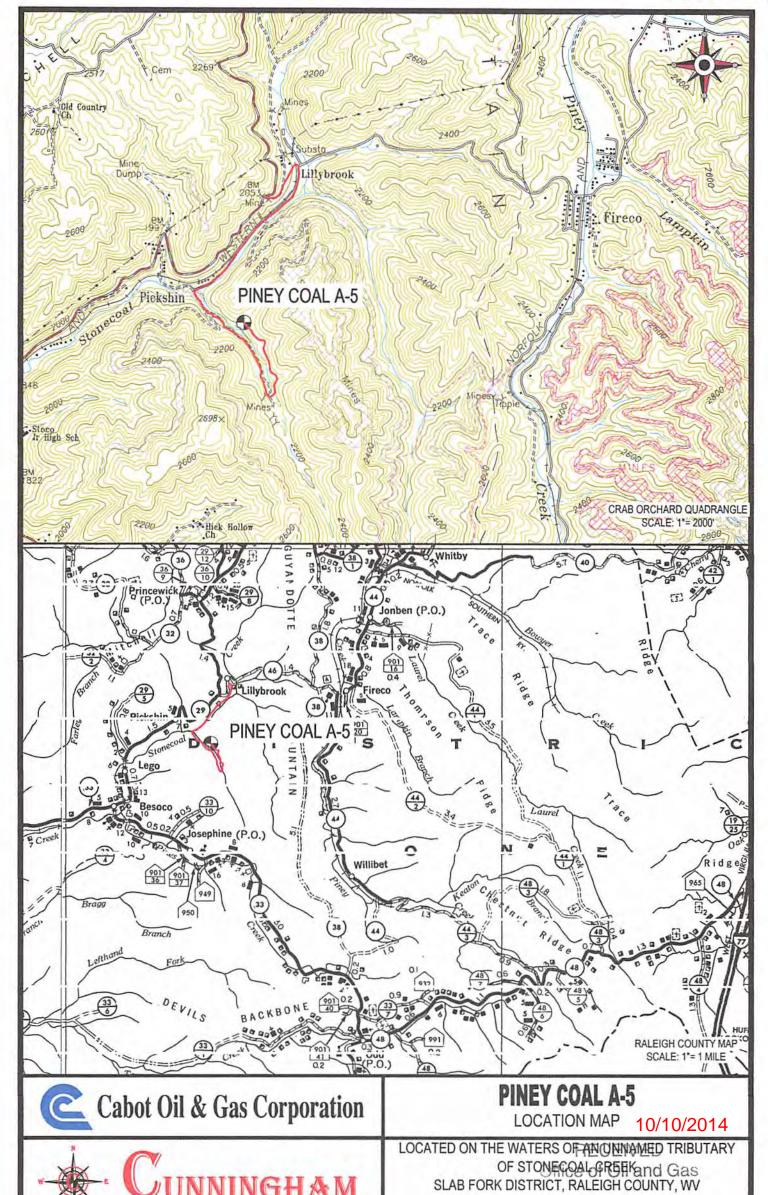
SLAB FORK DISTRICT, RALEIGH COUNTY, WY CRAB ORCHARD 7.5' QUADRANGLE











• 5213 STEPHEN WAY • CROSS LANES, WEST VIRGINIA 25313 • VOICE (304) 561-4129 • FAX (304) 776-0703 • E-MAIL ADDRESS • DKCUNNINGHAM@SUDDENLINK.NET

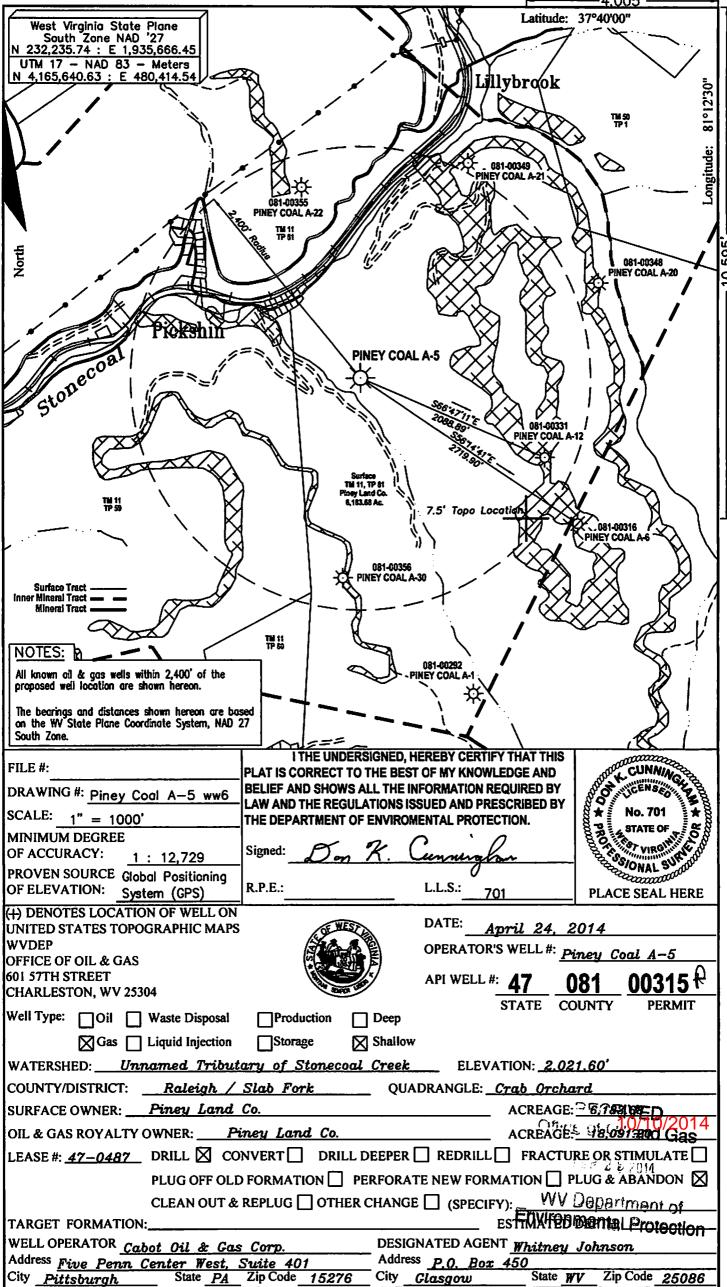
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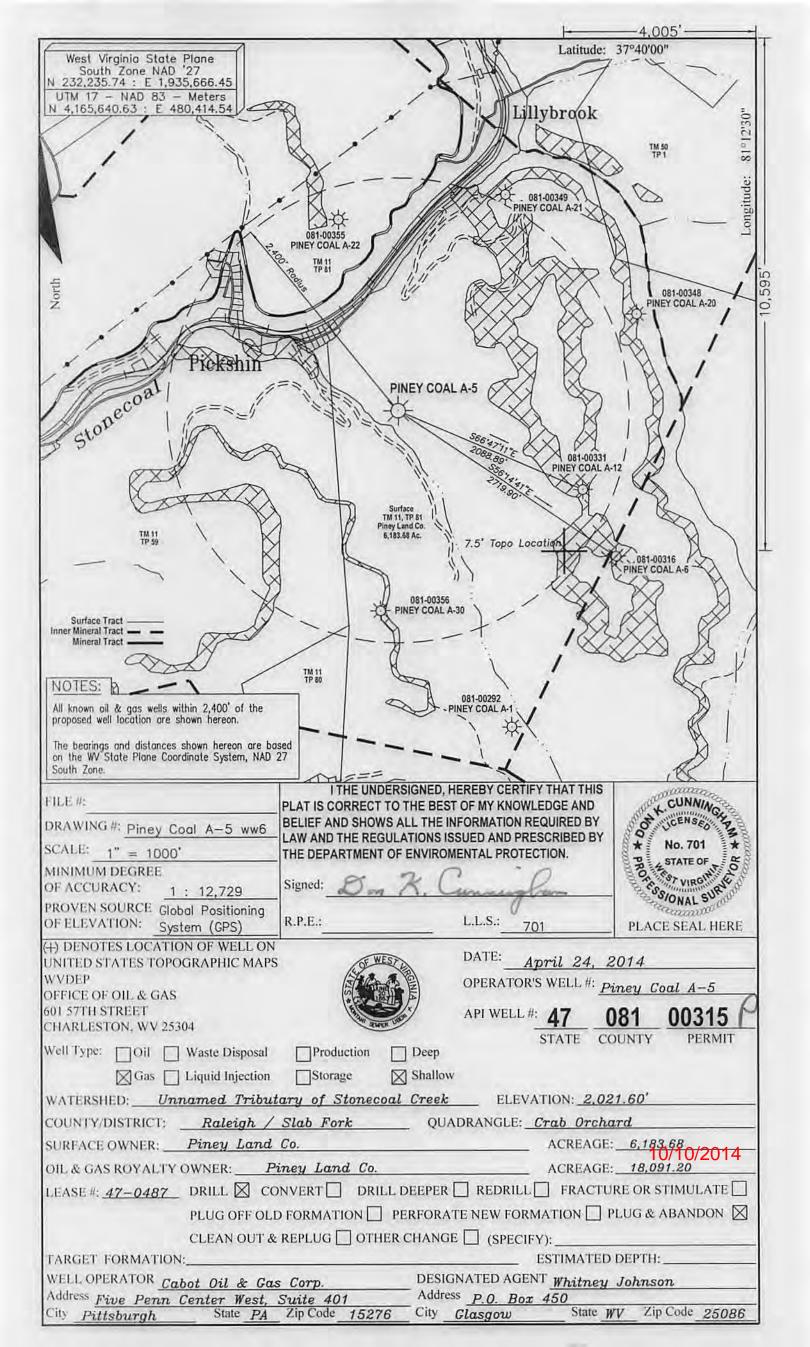
CRAB ORCHARD QUADRANGLE

DRAWN BY: G. PERKINSTELLEIG PROJECT FRANCES GABOT

PROJECT NO. CABOT DWG. NO. PINEY COAL A-5 LOC

04-25-14







September 26, 2014

Chief West Virginia Division of Environmental Protection Office of Oil & Gas 601 57th Street Charleston, WV 25304

RE: Piney Coal A-5

Slab Fork District, Raleigh County, WV

API # 47-081-00315

Written Application to plug and abandon wellbore

Dear Chief:

In accordance with Article 22-6-23 of the Code of State Regulations regarding oil and gas operations, please find attached a formal application for the plug and abandonment of the subject well.

Notices of our intention to plug this wellbore have been sent to surface owner, coal owner, and coal operators associated with this well. Copies of the certified mail receipts are attached for your records.

If you have any questions or need additional information, I can be reached at 412-249-3850.

Sincerely,

Kenneth L. Marcum Regulatory Supervisor

Kem A My

RECEIVED
Office of Oil and Gas

SEP 2 9 2014

WV Department of Environmental Protection