

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

January 09, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5101288, issued to CHEVRON APPALACHIA, 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 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.

Operator's Well No: STARCOVIC 1H

Farm Name: STARCOVIC, STEPHEN

James Martin

API Well Number: 47-5101288

Permit Type: Plugging Date Issued: 01/09/2015

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.

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WW-4B Rev. 2/01

WV Deparment of Environmento: House, ann

DECREE

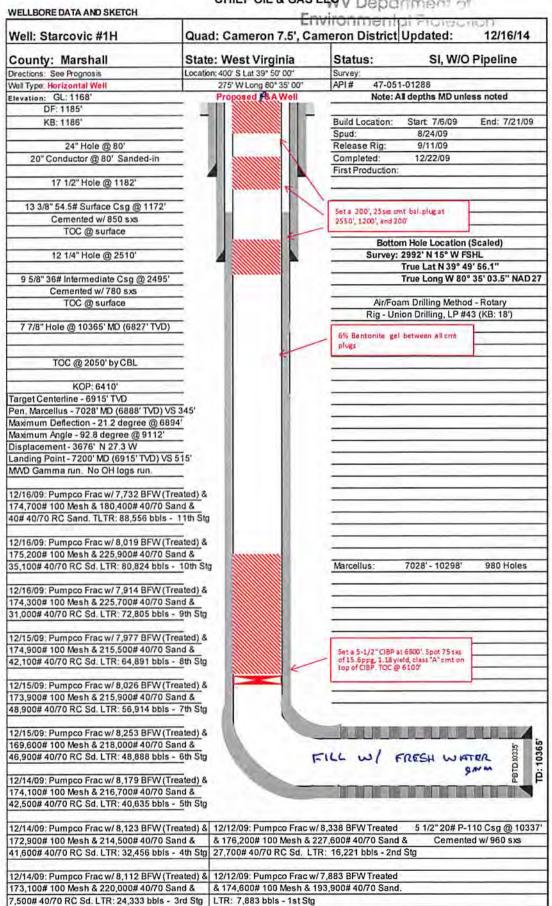
1)Date		20
2)Operator's		•
Well No. 1H		
3) API Well No.	47 051	- 01288

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS		
APPLICATION FOR A PER	MIT TO PLUG AND ABANDON	
4) Well Type: Oil/ Gas X/ Liqui (If "Gas, Production or Un	d injection/ Waste disposal/ derground storage) Deep/ Shallow	
5) Location: Elevation 1186 District Cameron	Watershed Grave Creek County Marshall Quadrangle Cameron 7.5'	
6) Well Operator Chevron Appalachia, LLC Address 800 Mountain View Drive Smithfield, PA 15478	7) Designated Agent N/A Address	
8) Oil and Gas Inspector to be notified Name James Nicholson	Name See Work Order	
Address P.O. Box 44 Moundsville, WV 26041	Address	
See Work Order See Work Order	nner of plugging this well is as follows:	
Notification must be given to the district of work can commence.	oil and gas inspector 24 hours before permitted	
Work order approved by inspector	a Nicholson Date 12/31/2014	



CHIEF OIL & GAS LLOV Department of







WV Department of Environmental Profession

Site Prep

Notify WV DEP Oil and Gas Inspector 48hrs prior to MIRU rig

- 1. Hold Tailgate Safety Meeting and review JSA
- 2. MIRU containment (per site layout and needs) and surface rental equipment
- MIRU mud tanks and auxiliary equipment
- 4. RU flowback lines.

Procedure

- 5. Mobilize work-over rig and pumping equipment to location
- 6. Spot rig and equipment in place
- Check pressure on all casing and tubing strings. Note pressures on report.
 Bleed off pressure and kill well with kill weight fluid if needed.
- MIRU E-line with 5k lubricator and test to 250 psi low for 5 minutes and 5,000 psi high.
- 9. RIH with a tbg plug and set in profile nipple at 6762'.
- 10. Test the tbg plug to 1000psi and record.
- 11. Set BPV inside the tubing hanger and ND tree.
- 12. NU the class III BOP and equipment (rams, manifold, lines etc). Ensure that 5k tbg safety valve is in the open position on the floor when handling tbg.
- 13. Test all breaks and BOP to 250 psi low for 5 minutes and 5,000 psi high (if pressure is higher, test to 500psi above known SITP) for 10 minutes, chart and record data with barton chart recorder and keep on file on location.
- Retrieve BPV
- 15. Fill the 5-1/2" csg lateral with 79bbls of fresh water
- 16. TOOH with 2-3/8", 4.7#, N-80 tubing and BHA.
- 17. R/U W/L and RIH with 4.5" gauge ring to 6800'.
- 18. POOH with gauge ring. Make note if any tight spots.
- 19. RIH with 5-1/2" CIBP and set at 6800'.
- RIH with 2-3/8" tbg and tag top of CIBP at 6800'. Break circulation with 140bbls of fresh water. Test 5-1/2" CIBP to 1000psi.

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- 21. Spot a 700' plug with 75 sxs, 88.5 cuft of 15.6ppg, 1.18 yield, class "A" cmt. From 6800- 6100' TOC @ 6100'.
- 22. Spot a 200' plug from 2550' 2350' with 25 sxs, 29.5 cuft of 15.6ppg, 1.18 yield, class "A" cmt. TOC @ 2350'.
- 23. Spot a 200' plug from 1200' 1000' with 25 sxs, 29.5 cuft of 15.6ppg, 1.18 yield, class "A" cmt. TOC @ 1000'.
- 24. Spot a 200' plug from 200' to surface' with 25 sxs, 29.5 cuft of 15.6ppg, 1.18 yield, class "A" cmt. TOC surface.
- 25. NOTE: 6% Bentonite Gel will be run between all plugs
- 26. ND the BOP and NU the tree. Test the tree to 3000psi and record.
- 27. RD work-over rig and equipment and move to next location.



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DEC-8 LINE

WV Department of Environmental Protection

Starcovic 1H

"Temporary Abandonment Procedure"

Expected Start Date: January 6, 2015

MUST BE PLUGGED AS A PERMANENT PLUG. QNM

	1H
AFE Number	
API Number	47-051-01288

Service Rig Company Wellhead Downhole Tools Nabors Weatherford Baker Hughes County Township Latitude Longitude Marshall Cameron, WV 39° 50' 00" 80° 35' 00"

Objective:

Temporary abandonment of Starcovic 1H in accordance West Virginia's DEP requirements.

Completion Design Review:

Listed below are the members of the well team who were in attendance and agreement with the completion procedure as discussed.

Revised by:	Tony Raphael - Well Abandonment Engineer	12/30/14
Review by:	teview by: Garland Bledsoe – Project Manger 12/30/14	
Revised by: David Beasly – Completion Engineer		
Reviewed by:	by: Lisa Branden- Petroleum Engineer	
Reviewed by: Pam Gellek – Production Engineer		
Reviewed by:	Matt Bower - Petroleum Engineer	



WV Department at Environmental State

IFO: Incident Free Operations

Chevron is committed to providing a safe working environment for all personnel through the tenets we live by such as **Do it safely or not at all. Stop Work Authority** means all personnel not only have the right but the responsibility to stop any potentially unsafe job.

Report all injuries, no matter how minor, 24/7 to Axiom Medical at 1-877-502-9466

Directions to Location

From Pittsburgh: Merge onto I-79 S via EXIT 64A toward Washington (20.9m), Merge onto I-70 W via EXIT 38 toward Wheeling (6.6m), Take EXIT 11 toward PA-221/Taylorstown. Turn right onto Prosperity Pike/PA-18/PA-221. Continue to follow PA-18. Once in Graysville turn right onto W Roy Furman Hwy/PA-21 (Crossing into West Virginia) W Roy Furman Hwy/PA-21 becomes WV-891. WV-891 becomes US-250 S (Waynesburg Ave). continue until you get in Camerom. Turn right onto Loudenville Rd/County Hwy-25. Turn left onto Main St/County Hwy-25. Continue to follow County Hwy-25. .3 miles past summit street, Turn right onto unmaked gravel road which will lead to the site location.

From Waynesburg PA, go West on SR 21 (26.1 mi) into West Virginia, continue on SR 891 (2.0 mi) to SR 250, follow Rt. 250 south towards Cameron for (3.7 mi), make a right on Loudenville Rd, follow for (0.5 mi) to the stop sign, make a right, then a left to stay on Loudenville Rd, follow for (0.8 Mi) to the location lease entrance on the Right.





With a

DEC 8 1 SAM

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Well Information

Well#	Тор	Perf	RKB	Marker Joint	PBTD
	MD	TVD	MD	MD	MD
1H	7,140		18'		10,335'

	Dimension	s and Pressure	Data		No. 15 and 15
Size	Depth	Weight	Grade	Burst	Collapse
20"	80'		A Comment		
13 3/8"	1172'	54.5 lbs/ft	J-55		
9 5/8"	2495'	36 lbs/ft	K-55		
5 1/2"	10,337'	20 lbs/ft	P-110	12,640 psi	11,080 psi

Capacity		
5 1/2"# 20 P-110 CSG	0.02210 bbl/ft	

Current Status

Well is currently on line and flowing approximately 1.1 MMCFD of gas a day at 750 psi on the tubing. Less than 1 bbl of condensate produced per day.

DEC 2 1 2014



WV Department of Environmental Fromeston

Starcovic 1H Wellbore Schematic (Current)

CHIEF OIL & GAS LLC

Well: Starcovic #1H	Quad: Cameron 7.5', Ca	meron District	Jpdated: 1/26/10
County: Marshall	State: West Virginia	Status:	SI, W/O Pipeline
	.tcstor: 400' \$ Lat 39' f0' 00"	Burvey:	
/el Type: Horwards Well	275' W Long 80° 35' 00°	API # 47-051-0	
everden: GL: 1165'	Completed Well	Hote: All	depths MO unless noted
DF: 1185°	-101 105-	-	AL
KB: 1188'		Soud:	Start: 7/8/09 Eng: 7/21/09 8/04/09
24" Hole @ 60"	111 1 1 1 111	Release Rig:	3/11/09
20" Conductor (2) 80" Ganded-in		Completed:	12/22/09
TO DOUDDON'T IN BUT OF PRINTED IT	2011 1 1 118	Pirst Production:	12202
17 1/2" Hole @ 1182"	711 1 11		
	11 1 1 11		
13 3/8" 64.8# Burface Cog @ 1172"	111111		m Drilling Method - Rotary
Cemented w/ 850 sys	101 1 1 1 11	Alg - Unit	on Orlling, LP #43 (KB; 18)
TOC @ surface	10 1 1 10		
	20 1 1 10		Hole Location (Scaled)
12 1/4" Hore (0) 2510"	4		992" N 16" W FSHL rue Lai N 50" 48" 68.1"
9 5/5" 35# Intermediate Cop @ 2495"	11111	-	rue Long W 80° 36' 02.5" NAD 2
Cemented wi 730 sas			
TOC @ surface			
7.7/5" Hole (0) 10359" MO (6527" TVD)		2-3/8" # 4.7 mg set	\$1075
WAS IN TAINING ON	11111		
TOC (0) 2080 by CBL		-	
KOP: 6410'	11 1 1 11	-	
arget Centenine - 6915' TVO	111111		
en. Marcellus - 7028' MD (6888' TVD) VS 349			
laximum Deflection - 21.2 degree @ 6894*		(
taximum Angle - 92.8 degree @ 9112"			
Proprocement - 3676' N 27.1 W			
anding Point + 7200' MD (\$915' TVD) VS \$15'			
END Gamma run. No OH logs run.		-	
2/16/09: Pumpeo Frac w/ 7.732 BPW (Treated	15	EOT (0) 7078	
74,700# 100 Mesn & 180,400# 40/70 3and &	~	201001010	
D# 40/70 RG Sand, TLTR: 68,556 bols - 11th	Oto O		
12/16/05: Pumpeo Frac W 8,019 BFW (Treated	05		
75,200# 100 Mesh & 225,900# 40/70 Gand &	=		
5,100# 40/70 RC Sd. LTR: E0,824 bbis - 10th	\$10	Marcellus:	Too (2 7025' 980 Holes 7140' - 7356' 90 Holes
	. 11111	11th Sty Perfs:	
12/16/09: Pumpco Frac w/ 7,914 BFW (Treated 174,300# 100 Mesh & 215,700# 40/70 Sand &	-	10th Stg Perfs: 9th Stg Perfs:	7439' - 7662' 90 Holes 7732' - 7930' 80 Holes
15,000# 40/70 RC dd. LTR: 72,825 bbis - 9th 3	195	Eth Sta Perfo:	8000' - 8225' 90 Holes
		7th Stg Perfs:	#296' - 8522' 90 Holes
12/15/09: Pumpeo Proc w/ 7,977 BFW (Treated	55	5th Sty Perfs:	8892'-8818' 90 Holes
74,900# 100 Mesh & 215,500# 40/70 Sand &		Sin Gig Perfs:	\$889'-9114" 90 Holes
2,100# 40/70 RC 0d. LTR: 64,891 bb/s - 6th 0	ing I	4th Sta Perfs:	9184' - 9410' 90 Holes
		3rd 3tg Perfs:	9480' - 9706' 90 Holes
2/15/09: Pumpoo Frac ## 8,025 BFW (Trealed	95	2nd Stg Perfs: 1st 3kg Perfs:	9776' - 10002' 90 Holes 10072' - 10298' 90 Holes
73,900# 100 Mesh & 215,900# 40/70 Sand &		134 day Fend	TOWAR TO HOUSE
8,900# 40/70 R C 3d LTR: \$5,914 bbis - 7th 3	4		
12/15/09: Fumpco Frac w/ 8,253 BPW (Treated	0.5	THE RES	
159,500# 100 Mesh & 218,000# 40/70 Sand &			
59,500# 100 Mesh & 218,000# 49/70 Sand & 5,500# 40/70 RC Od. LTR: 48,888 bbiz - 6th 1	112		SON SON
			e e
2/14/09: Pumpeo Frac w/ 8,179 BFW (Treated			
74,100= 100 Mesh & 216,700# 40/70 Sand &			INDER SERVE
2,500# 40/70 RC 3d LTR: 40,635 tbis - £th 3	142		
2/14/29: Pumpco Frac w/ 8,123 BFW (Treated	ty & 112/12/09: Pumpto Frat w	0,338 BFW Treated	\$ 1/1" 10# P-110 Ctg @ 1011
72,900# 100 Mesn & 214,500# 40/70 2 and &	& 176,200# 100 Mesh & 2	27,600# 40/70 Sand &	Cemented w/ 940 sys
1,500= 40/70 RC Gd. LTR: 31.456 bbis - 4012	27,700# 40/70 RC Sd. L	FR: 15,221 bb/s - 2nd Str	
	This are	(1.011.0m)	
2/14/09: Pumpco Frac w/ 8,112 SFW (Treated	 1) & 12/12/09: Pumpeo Prac v 8 174,600# 100 Mech & 		
73,1004 100 Mesh & 220,0008 48/70 Sand &			
7,500# 40/70 RO Od. LTR: 24,333 tbls - 3rd 8	F142 1/445 000 - 128 000		

Starcovic 1H Wellbore Schematic (Proposed T/A)



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 Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

July 01, 2009

WELL WORK PERMIT

Horizontal Well

This permit, API Well Number: 47-5101288, issued to AB RESOURCES PA, 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.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin Chief

Operator's Well No: STARCOVIC 1H

Farm Name: STARCOVIC, STEPHEN

API Well Number: 47-5101288

Permit Type: Horizontal Well

Date Issued: 07/01/2009

Promoting a healthy environment.

51012881

CELLY 2 Gas 2010 Of JUN 2 2 2010 Of The JUN 2 2 2010

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE: 06/17/2010 API #: 47-051-01288

Longitude 275 Feet West of 80 ny: AB RESOURCES				
Address:6802 W Snowville Rd. Suite E Brecksville, OH 44141	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	13 3/8	1172	1172	1814
	9 5/8	2495	2495	1474
Agent:CT Corporation Systems	5 1/2	10377	10377	1607
Inspector:Tristan Jenkins				
Date Permit Issued:7/1/2009				
Date Well Work Commenced:8/24/2009				
Date Well Work Completed: 12/22/2009				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Vertical Depth (ft):6915				
Total Measured Depth (ft):10430				
Fresh Water Depth (ft.):na				
Salt Water Depth (ft.):na				
Is coal being mined in area (N/Y)?Y				
Coal Depths (ft.):857				
Producing formationMRCL_ Gas: Initial open flow0MCF/d Oil: Initial open final open flow7464MCF/d Final open flowTime of open flow between initial and final tests_tatic rock Pressure2150psig (surface pressure) econd producing formationNAPay isas: Initial open flowMCF/d Oil: Initial open flowMCF/d Final open flow	Pay zone depth (I en flow NA I fow NA I fow NA I for Hours fafter 59 Hours for zone depth (ft) for flow B	ft)7028 Bbl/d 3bl/d urs	data on separate s	heet)

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.

Signature

COAL 857 87 SHALE 870 50 SAND 5000 5 SHALE 5270 53 SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6	DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.			
1913500 lbs 100mesh sand 2717400 lbs 40/70 mesh sand 88556 bbls FW	Perforated Intervals, Fracturing, or Stimulating:			
### Stand	7140'-10298'			
SAND SAND SOURCE SOURC	1913500 lbs 100mesh sand			
Formations Encountered: Top Depth / Bottom Depth Surface: 1186 KB¹ SAND 0 0 80 SHALE/SAND 80 8: COAL 857 87 SHALE 870 5(SAND 5000 55 SAND 5000 55 SHALE 5270 55 SAND 5370 55 SHALE 5520 5 SAND 5550 5 SHALE 5520 6 BURKETT FM 6713 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	2717400 lbs 40/70 mesh sand			
Surface: 1186 KB' SAND 0 80 SHALE/SAND 80 85 COAL 857 87 SHALE 870 50 SAND 5000 5 SHALE 5270 53 SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	88556 bbls FW			
Surface: 1186 KB* SAND 0 80 SHALE/SAND 80 85 COAL 857 87 SHALE 870 50 SAND 5000 5 SHALE 5270 53 SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1				
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COAL 857 87 SHALE 870 50 SAND 5000 5 SHALE 5270 53 SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	SAND	0		80
SHALE 870 56 SAND 5000 5 SHALE 5270 53 SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	SHALE/SAND	80	-	857
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SHALE 5270 53 SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	SHALE	870		5000
SAND 5370 5 SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 10	SAND	5000		5270
SHALE 5520 5 SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 10	SHALE	5270		5370
SAND 5550 5 SHALE 5800 6 MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	SAND	5370		5520
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MIDDLESEX FM 6644 6 BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	SAND	5550		5800
BURKETT FM 6713 6 TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 10	SHALE	. 5800		6644
TULLY FM 6766 6 HAMILTON FM 6791 6 MARCELLUS FM 6887 1	MIDDLESEX FM	6644		6713
HAMILTON FM 6791 6887 1	BURKETT FM	6713		6766
MARCELLUS FM 6887 1	TULLY FM	6766		6791
	HAMILTON FM	6791	•	6887
	MARCELLUS FM	6887		10365
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WW-4A Revised 6-07	DELW 700	December 22, 2014 Operator's Well Number
	Vin/ Deserved	Starcovic 1H
-	WV Department of	at ADVICE THE AREA
E	nvironmental Protection	3) API Well No.: 47 - 051 - 01288
4) Surface Ow (a) Name Address (b) Name Address (c) Name Address	STA EPARTMENT OF ENVIRONM NOTICE OF APPLICA ner(s) to be served: Stephen M & Kimberly A Starcovic RD 4 Box 152, 152 Loudenville Rd. Cameron, WV 26033	ATE OF WEST VIRGINIA ENTAL PROTECTION, OFFICE OF OIL AND GAS FION TO PLUG AND ABANDON A WELL 5) (a) Coal Operator Name Address (b) Coal Owner(s) with Declaration Name Consolidated Coal Company Address 1000 Consol Energy Drive Canonsburg, PA 15317 Name Stephen M & Kimberly A Starcovic Address RD 4 Box 152, 152 Loudenville Rd. Cameron, WV 26033
6) Inspector	James Nicholson	(c) Coal Lessee with Declaration
Address	P.O. Box 44	Name
Telephone	Moundsville, WV 26041 304-552-3874	Address
(1) The well (2) Tho The reason However, Take notic accompany Protection, the Applic	application to Plug and Abandon a Well its and the plugging work order; and plat (surveyor's map) showing the well led to you received these documents is that you have a received these documents is that you have are not required to take any action at all.	to code, the undersigned well operator proposes to file or has filed this Notice and Application and on a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental and on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, tered or certified mail or delivered by hand to the person(s) named above (or by publication in
		tor Cheyron Appalachia, LLC
	By:	Helia - Hley (senancese
	Its:	Construction Permitting Team Lead
	Address	800 Mountain View Drive
	Walaukana	Smithfield, PA 15478 724-564-370 COMMONWEALTH OF PENNSYLVANIA
7	Telephone	724-564-370 COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL
Country of For	the of femory ward	Laura Savage, Notary Public Georges Tup., Fayette County
Subscribed and	sworn before me this	day of December 2019 My Commission Expires Sept. 17, 2018
1	aura Savage	Notary Public DENDER, PENNSYLVANIA ASSOCIATION OF NOTARIE

Oil and Gas Privacy Notice

My Commission Expires

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 deprivacyoffice swy.gov.

6169	U.S. Postal S CERTIFIEI Domestic Mail O	MAIL® RECEIPT
7		ation, visit our website at www.usps.com*.
	OFF	ICIAL USE
2120 0005 1445	Postage Certifled Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postr	Postmark Here P107 [§ 330] assolidated Coal Company
7014	Street & Apt or PO Box N City, State, 2	ngineering & Operations Support/Coal Attn: Analyst 000 Consol Energy Drive Canonsbura, PA 15317

U.S. Postal Service CERTIFIED MAIL® RECEIPT 67.52 Domestic Mail Only THHS Postage Certified Fee 2000 0212 Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postson & Fans Stephen M. & Kimberly A. Starcovic 4T02 RD 4 Box 152 152 Loudenville Rd Street & Api or PO Box I Cameron, WV 26033 City, State, PS Form 36

Office of Oil and Gas

DEC 8 1 20M

WV Department of Environmental Protection WW-9 (9/13)

API Number 47 -	051	_ 01288	
Operator's	Well No.	Starcovic 1H	

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Chevron	Appalachia, LLC	OP Code 49449935	
Watershed (HUC 10)		hadrangle Cameron 7.5'	
Elevation 1170	County Marshall	District Cameron	-
Will a pit be used? Ye		proposed well work? Yes	No 🗸
	scribe anticipated pit waste: c liner be used in the pit? Yes No	If so, what ml.?	
A STATE OF THE PARTY OF THE PAR			
Proposed Dispo	Land Application Underground Injection (UIC Permit Numl Reuse (at API Number Off Site Disposal (Supply form WW-9 for Other (Explain	ber	MUST BE CONTAINED IS POPERLY. 9 MM
Will closed loop system	be used? If so, describe:N/A		
and the second and a second and a second	nated for this well (vertical and horizontal)? A	ir, freshwater, oil based, etc. NA Plu	gging well
	hat type? Synthetic, petroleum, etc.		
	drilling medium?		
	nethod? Leave in pit, landfill, removed offsite		
and the second second second second	nethod? Leave in pit, landthi, removed offsite and plan to solidify what medium will be used?		
	fsite name/permit number?		
on August 1, 2005, by t provisions of the permi law or regulation can le I certify unde application form and obtaining the informat penalties for submitting	understand and agree to the terms and condition the Office of Oil and Gas of the West Virginia it are enforceable by law. Violations of any ead to enforcement action. In penalty of law that I have personally example all attachments thereto and that, based on its information is true, as false information, including the possibility of	Department of Environmental Proterm or condition of the general per nined and am familiar with the int my inquiry of those individuals in accurate, and complete. I am awa	ection. I understand that the rmit and/or other applicable formation submitted on this mmediately responsible for re that there are significant
Company Official Sign			
Company Official (Ty	ped Name) Branden Weimer		
Company Official Title	Permitting Team Lead		
Subscribed and swom	before me this <u>GMT</u> day of <u>JA</u>	nutary . 20 15 Notary Public	COMMONWEALTH OF PENNSYLVAN NOTARIAL SEAL Kristen Brooks, Notary Public Smithfield Boro, Fayette County
My commission expire	· Summer 2,2018		My Commission Expires Sept. 2, 2018 HEMBER, PENNSYLVANIA ASSOCIATION OF NOTAR

Form WW-9		Operator's Well No. Starcovic 1H			
Chevron Appalach	ia, LLC				
Proposed Revegetation Trea	atment: Acres Disturbed	1	Prevegetation pH		
Lime	Tons/acre or to co	оптесі іо рН			
Fertilizer type					
Fertilizer amountlbs/acre					
Mulch		Tons/acre			
		Seed Mixtures			
Тетрогагу			Permanent		
Seed Type	lbs/acre		Seed Type	lbs/acre	
			* propriet		
					
	olved 7.5' topographic sl	heet.			
Plan Approved by:					
Comments:		, <u> </u>			
		-			
					
					
Title:	,	Date:_			
Field Reviewed?	() Yes	() No			

51-01288 Loudenville STARCOVIC TH STARCOVIC 1H CAMERON (P.O.) FGlen Easton (P.O.) STARCOVIC 1H AB PA RESOURCES LLC LOCATION MAP CAMERON QUADRANGLE MARSHALL COUNTY HIGHWAY MAP SCALE: 1" = 2000' SCALE: 1" = 1 MILE WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

_{API:} 47-051-01288	WELL NO.: 1H			
FARM NAME: Starcovic				
RESPONSIBLE PARTY NAME: Chevron Appalachia, LLC				
	DISTRICT: Cameron			
QUADRANGLE: Cameron 7.5'				
SURFACE OWNER: Stephen M &	k Kimberly A Starcovic			
ROYALTY OWNER: Stepehn M & Kimberly A Starcovic				
UTM GPS NORTHING: 4409218.5				
UTM GPS EASTING: 535582. 18	GPS ELEVATION: 1170'			
preparing a new well location plat for a plug above well. The Office of Oil and Gas will n the following requirements: 1. Datum: NAD 1983, Zone: 17 Non height above mean sea level (MS 2. Accuracy to Datum – 3.05 meters 3. Data Collection Method: Survey grade GPS: Post Processed	ot accept GPS coordinates that do not meet rth, Coordinate Units: meters, Altitude: L) – meters.			
	ferential			
Mapping Grade GPS: Post Process	sed Differential			
Real-Time I	Differential			
I the undersigned, hereby certify this data is belief and shows all the information required prescribed by the Office of Oil and Gas.	d by law and the regulations issued and			
Signature CANT.	Title Date			

