

API # 47- 109-01844 C

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

Reviewod AL

	Well Operator's Repo	ort of Well V	Vork			
Farm name: U.S. S	teel Mining Company, LLC	Opera	itor Well No	e: 8M-1		
Location: Elevation:	1,975.96	Quadi	rangle: Pl	NEVILLE		
District:	CENTER	Count	y: W	YOMING		HVED
(Latitude: 14200 Feet S Longitude: 3250 Feet N	South of 37 West of 81	Deg. 35 Mi Deg. 32 Mi	n. 00 Sec. n. 30 Sec.	Value of Pom	Ol & Gas nicing
	LC LINE ROAD, SUITE 280 TX 75240-0000			The Divine And		6 2000 vision of al Protection
Agent: JOSEPH A. ZU		Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up	
Permit Issued:	09/24/99 d: 09/25/99	135/8"	42.70'	42.70'	11 Ft³	
Well Work completed: Verbal plugging	10/25/99	95/a"	231.95'	231.95'	73 Ft ³	
Permission granted on	: సం.ేటం e Rig	7"	1095.6	1095.6	165 Ft ³	
Rotary x Cabl Total depth (ft) 1174. Fresh water depths (ft)	50 N/A	27/e"	1098.45'			
Salt water depths (ft)N/A Is coal being mined in the area (Y/N)? _Y Coal depths (ft): _47, 348.5, 376, 384, 464, 469, 474, 571, 585, 739, 773, 1001, 1068, 1117						
OPEN FLOW DATA						
Producting formation Pocahontas No. 3 Seam and Penn Coals Gas: Initial open flow N/A Mcf/d Oil: Initial open flow Bbl/d Final open flow N/A Mcf/d Final open flow Bbl/d Time of open flow between initial and final tests: hours Static rock pressure psig (surface pressure) after hours						
Gas:	cing formation Initial open flow <u>N/A</u> Mcf/d Final open flow <u>N/A</u> Mcf/d Time of open flow between initials ssure psig (surface	al and final e pressure)	Oil: In Fi tests:	depth (ft) itial open float open	ow hours	Bbl/d Bbl/d
FRACTURING OR STIM	THIS FORM, PUT THE FOLLOV ULATING, PHYSICAL CHANGE, E AL RECORD OF ALL FORMATI	TC. 2) TH	E WELL LOG	WHICH IS	A SYSTEM	ATICK
		For:	COX Gas	i, LLC	•	1,
		Ву:	4.4	<u> </u>	7cm.	د الر

Date:

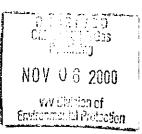
N 40 1844 C

Operator: 8M-1 API No. 47- 109-01844 C Location: Pineville

Details of Perforated Intervals, Fracturing or Stimulation, Physical Change, Etc.

Well Log & Geologic Record

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Formation	Тор	Bottom
Sandy Shale	0	47
Coal	47	49
Sandy Shale	49	95
Shale	95	127
Sandy Shale	127	348.5
Coal	348.5	350
Sandy Shale	350	376
Coal	376	378
Sandy Shale	378	384
Coal	384	385
Sandy Shale	385	463
Shale	463	464
Coal	464	465
Shale	465	469
Coal	469	470
Shale	470	474
Coal	474	475
Shale	475	477
Sandy Shale	477	571
Coal	571	572
Sandy Shale	572	585
Coal	585	586
Sandy Shale	586	649
Shale	649	658
Sandy Shale	658	739
Coal	739	742
Sandy Shale	742	773
Coal	773	776
Sandy Shale	776	892
Sandstone	892	962
Sandy Shale	962	1001
Coal	1001	1004
Sandy Shale	1004	1068
Coal	1068	1072
Sandy Shale	1072	1117
Coal	1117	1122
Sandy Shale	1122	1174.50
	:	1, 1, 30



RECEIVED Office of Oil & Gas Permitting

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Division of Environmental Protection

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W/ Division of		Section of Oil & Gas		Reviewa	d	5	
Environmen	tal Protection	Well Operator's Rep	oort of Well V	Vork			·
Farm name: U	.S. Steel Minin	ig Company, LLC	Opera	ator Well No	: 8M-1		
Location: Elevat	ion: 1,975.96		Quadrangle:	PINEVILL	E		
Distric	t: CENTER	•	County:	WYOMIN	3	-	
	Latitude: Longitude	14200 Fee 3250 Fee	South of 37 West of 81	Deg. 35 Mi Deg. 32 Mi	n. 00 Sec. n. 30 Sec.		
Company: CDX C 5485 B DALLA	9as, LLC BELTLINE ROAS, TX 75240	AD, SUITE 280 0000					-
Agent: JOSEPH			Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up	
Permit Issued: Well Work comm	09/24 enced: 10/04	/99	135/6"	42.70'	42.70'	11	1
Well Work comple Verbal plugging		<u>/99</u>	95/8"	231.95'	231.95'	73	
Permission grante Rotaryx Total depth (ft)	ed on: Cable	Rig	7"	1095.6	1095.6	165	
Fresh water depti	hs (ft) <u>N/A</u>		27/8"	1098.45'	1098.45'		
Salt water depths is coal being mine Coal depths (ft):	ed in the area	(Y/N)? <u>Y</u> , 384, 464, 469, 474,	571, 585, 73	3 <u>9, 773, 100</u>	1, 1068, 11	<u>117</u>	
OPEN FLOW DA	\TA						
Gas: In Fi	itial open flow nal open flow _	ocahontas No. 3 Sea N/A Mcf/d N/A Mcf/d	•	Oil: In Fi	ay zone de itial open flo nal open flo bours	ow l	Bbl/d Bbl/d

Producting formation <u>Pocahontas No. 3 Seam and Pen</u> Gas: Initial open flow <u>N/A</u> Mcf/d Final open flow <u>N/A</u> Mcf/d Time of open flow between initial and final tests: Static rock pressure psig (surface pressure	Oil:	Initial open flow Final open flow hours	ν <u>` </u>	3bl/d 3bl/d
Second Producing formation Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial and fina Static rock pressure psig (surface pressure	Oil: al tests: _	Final open flov	N	Bbl/d Bbl/d
Note: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) I FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) TI DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCL WELLBORE.	HE WELL	LOG WHICH IS A	SYSTEM	ATICK

For: CDX Gas, LLC By: Date:

Operator: 8M-1 API No. 47-199-01844 C Location: Pineville

Details of Perforated Intervals, Fracturing or Stimulation, Physical Change, Etc.

Well Log & Geologic Record

Formation	Тор	Bottom
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Shale	95	127
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Sandy Shale	350	376
Coal	376	378
Sandy Shale	378	384
Coal	384	385
Sandy Shale	385	463
Shale	463	464
Coal	464	465
Shale	465	469
Coal	469	470
Shale	470	474
Coal	474	475
Shale	475	477
Sandy Shale	477	571
Coal	571	572
Sandy Shale	572	585
Coal	585	586
Sandy Shale	586	649
Shale	649	658
Sandy Shale	658	739
Coal	739	742
Sandy Shale	742	773
Coal	773	776
Sandy Shale	776	892
Sandstone	892	962
Sandy Shale	962	1001
Coal	1001	1004
Sandy Shale	1004	1068
Coal	1068	1072
Sandy Shale	1072	1117
Coal	1117	1122
Sandy Shale	1122	1174.50