

RECEIVED WPOMES of Oil & Gas Permitting

MAY 22 2000

State of West Virginia Division of Environmental Protection

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Pavious	$\bigwedge \bigvee$

API#47-109-01832 C

WV Divis	sion of		Section of C	Oil & Gas		Raview	ed(\)	<u> </u>
Environment	Pretection	Well	Operator's Rep	ort of Well	Work			
Farm nam	e: U.S.	Steel Mining Con	npany, LLC	Oper	ator Well N	lo: 8K-2		
Location:	Elevation:	2,247.64		Quad	drangle: F	PINEVILLE		
	District:	CENTER	C	County:	WYOMI	NG		
-		Latitude: _ Longitude: _	1780 Feet Sc 5375 Feet W	outh of 37 Deest of 81 De	eg. 32 Min. eg. 32 Min.	30 Sec. 30 Sec.		
Company:		LLC ine Road, Suite 2 75240-0000	280	· · · · · · · · · · · · · · · · · · ·			·	•
Agent: Joseph A. Zupanick Inspector: OFIE HELMICK		Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up			
Permit Iss Well Work	ued:	09/01/99 ed: 09/13/99		135/8"	39.50¹	39,50'	10	
Well Work Verbal plu	. completed aaina	: 09/27/99	· ·	95/ ₈ "	1241.40'	1241.40'	389	
Permission Rotary	n granted o <u>x </u>	n: Rig		7"	1396'	1396'	210	
Total dept Fresh wat	h (ft) <u>146°</u> er depths (f depths (ft)	ole Rig 7.60 t) N/A	·	27/a"	1416'	1416'		
is coal bei Coal depti	ng mined ir	the area (Y/N)? , 181, 302, 347, 6	<u>Y</u> 649, 674, 987 <u>, 1</u>	060, 1063, ·	<u>1065, 1368</u>	s <u>, 1416</u>		
Ga	s: Initial Final c	mation <u>Pocahor</u> open flow <u>N/A</u> open flow <u>N/A</u> f open flow betweessure	Mcf/d Mcf/d		Oil: 1	Pay zone de nitial open fl Final open flo hour hours	ow i	
Ga	is:	icing formation _ Initial open flow Final open flow Time of open flo essure	N/A Mcf/d N/A Mcf/d w between init	ial and final e pressure)	Oil: I tests:	e depth (ft) nitial open fi inal open fl	ow hours	Bbl/d Bbl/d
FRACTURI	NG OR STI	THIS FORM, PU MULATING, PHYSI CAL RECORD OF	ICAL CHANGE, I	ETC. 2) TH	E WELL LO	G WHICH IS A	A SYSTEM	ATICK
				For: By:	CDX Ga	s, LLC	<u>ء </u>	- - k

Date:

WYO 18320

Operator: 8K-2 API No. 47-109-01832 C Location: Pineville

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

Well Log & Geologic Record

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Formation	Top	Bottom
Sandy Shale	0	80
Shale	80	116
Coal	116	118
Shale	118	127
Sandy Shale	127	176
Shale	176	181
Coal	181	182
Shale	182	199
Sandy Shale	199	220
Shale	220	244
Sandy Shale	244	302
Coal	302	305
Sandy Shale	305	347
Coal	347	348
Sandy Shale	348	528
Shale	528	569
Sandy Shale	569	609
Shale	609	620
Sandy Shale	620	635
Shale	635	649
Coal	649	650
Shale	650	674
Coal	674	676
Shale	676	685
Sandy Shale	685	750
Shale	750	767
Sandy Shale	767	881
Shale	881	888
Sandy Shale	888	895
Shale	895	910
Sandy Shale	910	918
Shale	918	926

Formation	Тор	Bottom
Sandy Shale	926	940
Shale	940	950
Sandy Shale	950	987
Coal	987	988
Shale	988	995
Sandy Shale	995	1060
Coal	1060	1062
Shale	1062	1063
Coal	1063	1064
Shale	1064	1065
Coal	1065	1067
Shale	1067	1069
Sandy Shale	1069	1086
Shale	1086	1098
Sandy Shale	1098	1171
Sandstone	1171	1305
Sandy Shale	1305	1332
Sandstone	1332	1355
Sandy Shale	1355	1368
Coal	1368	1371
Sandy Shale	1371	1416
Coal	1416	1421
Sandy Shale	1421	1467.60
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