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

As Drilled location NAD 83/UTM Attach an as-dril Top hole Northing 4,330,689.52 Landing Point of Curve Northing 4,330,402.37 Bottom Hole Northing 4,328,598.31	O7HS Field/ any LLC me Lew Si led plat, profile view, and devia Easting 57 Easting 56	9,242.06 m 9,314.60 m	-1S - Zip 26378
Permit Type Deviated Deviated Horizontal Horizon	ontal 6A □ Vertical]	Senth Tema - 1	D B 61-11
The same of the sa	□ Plug Back □ Redrilling	□ Rework ■ St	Deep Shallow timulate
Drilled with Cable Rotary	uced Brine BGas DN	GL 🗆 Oil 🗆 Oi	ther
Drilling Media Surface hole Air I Mud AFresh W Production hole I Air I Mud I Fresh Water I Bris Mud Type(s) and Additive(s) N/A (Production hole has not been drilled.)		BAir □ Mud BF	resh Water o Brine
Date permit issued 10/24/2014 Date drilling com	menced 12/26/2014	Date drilling ceased	MALCO: Ding has not been completed.)
Date completion activities began N/A (Completion has not begun	Date completion activities o	casedN	/A
Verbal plugging (Y/N) N Date permission grante	od N/A Gra	inted by	N/A
Please note: Operator is required to submit a plugging applic	cation within 5 days of verbal p	ermission to plug	
Freshwater depth(s) ft160', 635', 725', 730'	Open mine(s) (Y/N) depths	-	<u>Y</u>
Salt water depth(s) ft 1870'	Void(s) encountered (Y/N)	lepths3	28'-336'
Coal depth(s) ft 320', 635', 725', 730'	Cavern(s) encountered (Y/N)	depths	N
Is coal being mined in area (Y/N) Y			Reviewed by:

APPROVED

NAME: June Sheyolds

DATE: 1-4-17

DEC 9 8 2016

API 47- 001	03351H6	A Farm	ame_#	/URPHY, BI	RIAN E	. & LIS	AL. We	il numb	er_AUD7H	IHS
CASING STRINGS	Hole Size	Casing Size		Ne: Depth U:		Grade wt/ft		Basket Depth(s)	Did	coment circulate (Y/N) rovide details below*
Conductor	42"	30"		72'			20# / 72	N/A		N (grout)
Surface	26"	20 ^u	-	417'			94# / 417	33		Y (global)
Coal	17 1/2*	13 3/8*		827'			J-55 54.5# / 827*		A	N (grout)
Intermediate 1	12 3/8"	9 5/8"	21	2160,2'			3# / 2160.2°	N/		Y
Intermediate 2	-	-	_	_	-			741		<u> </u>
Intermediate 3	-	-		-			-			
Production	N/A	(Production hole	has	not been dr	illed.)					
Tubing	N/A	(Tubing has not		n run.)	-		-			<u> </u>
Packer type and de	epth set	None								
Comment Details										
CEMENT DATA	Class/Type of Cement		-	Slarry wt (ppg)		ield ³/sks)	Volume	:	Cement Top (MD)	WOC (lurs)
Conductor	Class A	675		15.60	$\overline{}$.22	820		0'	24
Surface	Class A	380 / 4	53	15.60	1	.20	952		Surface	8
Coal	Class A	802		15.60	1	.20	962		Surface	8
Intermediate 1	Class A	750		15.60	1	.20	867		Surface	8
Intermediate 2						-	-		-	-
Intermediate 3	-	-				-	-		-	-
Production	N/A	(Production	ı hole	iole has not been		lied.)	-		-	-
Tubing	N/A	N/A (Tubing has not been run.)							-	
Plug back prod	tion penetrated cedure <u>N/A (Odlin</u>	not been completed.) N/A (Oriting has not been completed.) ng has not been completed.)					A (Orilling has a			
Check all wire	line logs run	□ caliper □ neutron			deviate gamma	d/directi ray		inductio tempera		onic
Well cored	Yes 🖔 No	Conventi	onal	Sidewail		W	ere cutting	s collec	ted □Yes	■ No
Fresh Weter - Bow spring Coal - Bow spring can	controllars on first joint in trailzons on first joint th	JZER PLACEM are many fourth joint to 100 fee een every fourth joint to 10 on the first two joints and a	from such first from	surface.		SING S	TRING _	onductor - I	No centralizare u	eed.
WAS WELL C	OMPLETED	AS SHOT HOLE		Yes 🖪 No	DE	TAILS	N/A (Well has	nai been c	completed.)	
WAS WELL C	OMPLETED	OPEN HOLE?	□ Ye	s B No	DETA	ILS N	A (Well has not	been comp	pleted.)	
WERE TRACE	ERS USED	Yes No	TY	PE OF TRACE	ER(S) L	SED N#	A (Well has not	been comp	plated.)	

API 47- 001 _ 03351H6A Farm name MURPHY, BRIAN E. & LISA L. Well number AUD7HHS

PERFORATION RECORD

Stage No.	Perforation date	Perferated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
			 		
			 		
			Well		
			has not been		
			completed.		
			Formations		
			have not		
			been		
			perforated.		
			<u> </u>		

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

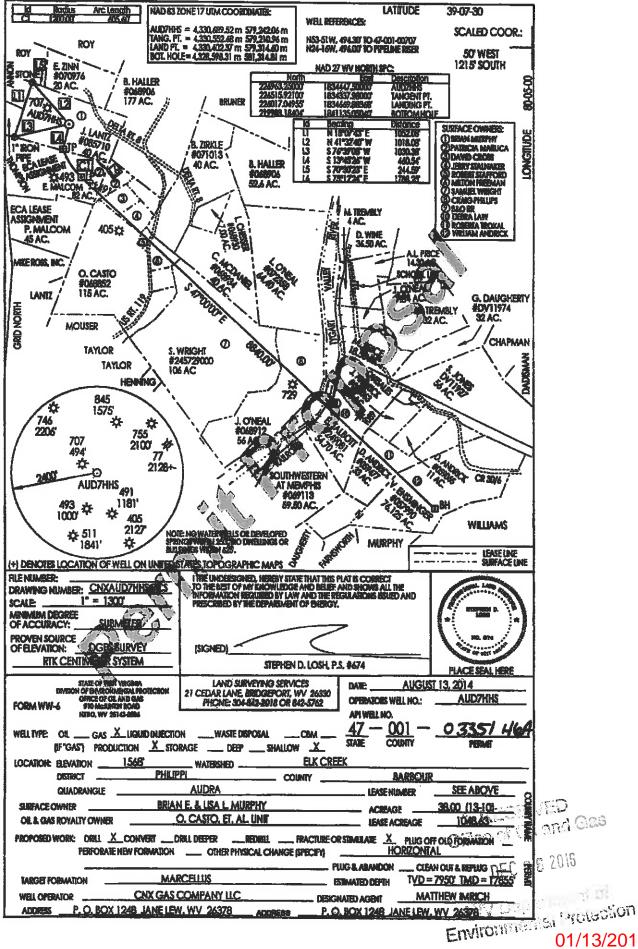
Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
<u></u>				 				
<u> </u>								
 								
	-			Well				
				has not				
				been				
				completed.				
				No				
				stimulation				
			<u> </u>	has				
				occurred.				
				<u> </u>				
				†		 		

Please insert additional pages as applicable.

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API 47- 001	_ 03351H6/	Farm	name MURPH	Y, BRIAN E	. & LISA L	Well number	AUD7HHS		
PRODUCING I	FORMATION	i(S)	DEPTHS						
			2724 1110						
N/A (Well has n				_TVD		MD			
No pro	ducing formatio	n(s)							
Please insert ad	ditional pages	as applicable.							
		□ Drawdown	□ Open Flow	On	LTEST -	Flow 🖸 Pump	,		
SHUT-IN PRE	SSURE Sur	rface N/A	psi Botto	m Hole N/A		-		hrs	
OPEN FLOW	M/A ma	Oil fpd_N/A	NGL bpd N/A	bpd N/A	ater bpd	GAS MEASU Estimated		t	
LITHOLOGY/	тор	воттом	ТОР	воттом				-	
FORMATION	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DESCRIBE	ROCK TYPE AND	RECORD QUANTITYA	ND	
	NAME TVD	TVD	MD	MD	TYPE OF F	LUID (FRESHWAT	ER, BRINE, OIL, GAS, F	12S, ETC)	
FILL	0	10	0						
SAND/SHALE	10	135					Gray		
SAND/SHALE	140	320					/ Light Gray		
COAL	320	440	ļ				ite / Tan		
SAND/SHALE	440	600				White / I	Medium Gray		
BAND/SHALE/COAL	600	640					Gray		
SHALE	640	713	<u> </u>				Black		
SAND/SHALE/COAL	713	1167					Gray		
LITTLE LIME	1167	1234							
BIG LIME	1234	1308							
KEENER	1308	1367							
BIG INJUN SAND	1395	1447							
GANTZ	1600	1674							
FIFTH SAND	2114								
Please insert ad	ditional pages	as applicable.							
Drilling Contra	ctor Yost								
Address 313 Ste			City	Mt. Morris		State PA	Zip 15349		
Logging Compa	any								
Address			City			State	Zip		
Cementing Con	nany Schlumi	perger							
Address 147 Ind	ustrial Park Road		City	Brookville		State PA	Zip 15825		
Stimulating Cor	npany N/A (Fe	ormations have not	been perforated o	r stimulated.)					
Address N/A			City			State N/A	Zip N/A		
Please insert add	ditional pages	as applicable.		-					
Completed by	CNX Gas WV O	perations Company			Telephone	304-884-2000			
Signature	ignature								

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry



PROFILE VIEW

API 47-001-03351H6A Farm Name MURPHY, BRIAN E. & LISA L. Well Number AUD7HHS

Profile View – Not Available – Drilling has not been completed

DEVIATION SURVEY

API 47-001-03351H6A Farm Name MURPHY, BRIAN E. & LISA L. Well Number AUD7HHS

Deviation Survey Not Available – Drilling has not been completed

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FRAC FOCUS REGISTRY

API 47-001-03351H6A Farm Name MURPHY, BRIAN E. & LISA L. Well Number AUD7HHS

Frac Focus Registry – Not Available – Formations have not been perforated or stimulated