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

API <u>47</u> <u>95</u> <u>02153</u>	County Tyler		District	Lincoln		
Quad Paden City	Pad Name Wells		Field/Pool		iddlebour	ne
Farm name_ Velma L. Wells			Well Num			
Operator (as registered with the OOG)	Triad Hunter, LLC)				
Address 909 Lake Carolyn Pkwy			State	Texas	Zip	75039
Landing Point of Curve N	Attach an as-drille Northing 380238.5 Northing N/A Northing N/A		and deviation Easting 156724 Easting N/A Easting N/A			
Elevation (ft) 985' GL	Type of Well	■New □ Existing	Туре	of Report	■Interim	□Final
Permit Type Deviated Ho	rizontal 📱 Horizon	ntal 6A 🛮 🗆 Vertica	al Dept	h Type	□ Deep	■ Shallow
Type of Operation □ Convert □ De	eepen 🖪 Drill 🗆	□ Plug Back □ Re	edrilling 🗆	Rework	□ Stimula	ate
Well Type □ Brine Disposal □ CBM	■ Gas ■ Oil □ Sec	condary Recovery			orage □ C)ther
Type of Completion □ Single ■ Multi Drilled with □ Cable ■ Rotary Drilling Media Surface hole ■ Air						Water □ Brine
Production hole □ Air ■ Mud □	Fresh Water Brine	e				
Mud Type(s) and Additive(s) Synthetic Mud System						
Date permit issued5/21/2014	Date drilling com	menced_ 12/26/2	014 Dat	e drilling c	eased 12	2/30/2014 PH
Date completion activities began	N/A		activities cease	ed	N/A	
Verbal plugging (Y/N) N	ate permission granted	dN/A	Granted	d by	N/A	
Please note: Operator is required to sub	omit a plugging applic	ation within 5 days	of verbal perm	ission to pl	lug	
Freshwater depth(s) ftSurfa	ace - 300'	Open mine(s) (Y/N	N) depths		N/A	
	1200'	Void(s) encountered	ed (Y/N) dept	hs	N/A	4
Coal depth(s) ft600' -	700'	Cavern(s) encount	_		N/	'A
Is coal being mined in area (Y/N)	N		•			
					Revie	wed by:

API 47- 095	02153 Farm nameVelma L. Wells Well number # 1403 MH								
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		ent circulate (Y/ N) e details below*
Conductor	24"	20"	100'	New		94#	- 0 -	110/14	yes
Surface	17 1/2"	13 3/8"	418.5'	New	J-55	54.5#	- 0 -	23 bb	I. cement returns
Coal						-			
Intermediate 1	12 1/4"	9 5/8"	2,877'	New	J-55	36#	- 0 -	48 bb	I. cement returns
Intermediate 2			,-					10.00	ii comoni rotarno
Intermediate 3									
Production									
Tubing									
Packer type and de	epth set								
Comment Details									
CEMENT	Class/Type	Number	Slurry		ield	Volume			WOC
DATA Conductor	of Cement Class A	of Sacks	wt (ppg)		³ /sks)	(ft ³)	Top (M		(hrs)
Surface	HALCEM (Class A		15.6		.18	218.3			24+
Coal	TIVEOLIN (Class A	380	15.0		.19	452.2	Surfa	ce	12+
Intermediate 1	HALCEM (Class A)	1,050	15.6		10 10105		Curfo		0.1
Intermediate 2	TIALCEIVI (Class A)	1,050	15.6	I	.19	1,249.5	5 Surfac	ce	24+
Intermediate 3									
Production									
Tubing									
Drillers TD (ft Deepest forma Plug back pro- Kick off depth	tion penetrated Gor cedure N/A	don		Loggers TI Plug back t		no logs run			
Check all wire		□ caliper □	density resistivity				induction temperature	□sonic	
Well cored	Yes No	Conventional	Sidewa	all	We	re cutting	gs collected	Yes □	No
DESCRIBE TI Surface Casing 20" - 2 cr	HE CENTRALIZE								
WAS WELL C	COMPLETED AS	SHOT HOLE [□ Yes 💄 N	No DE	TAILS _				
WAS WELL C	COMPLETED OPE	EN HOLE? 🗆 Y	Yes ■ No	DETA	AILS				
WERE TRACE	ERS USED □ Ye	s 🖪 No T	YPE OF TRA	ACER(S) L	JSED				

API	47- 095 _ 02153	Farm nameVelma L. Wells	Well number # 1403 MH
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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	N/A				

			1000		

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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)
	Ν/Δ						
	14/74						
	-						
		Date Rate (BPM)	Date Rate (BPM) Pressure (PSI)	Date Rate (BPM) Pressure (PSI) Pressure (PSI) N/A N/A	Date Rate (BPM) Pressure (PSI) Pressure (PSI) ISIP (PSI) N/A	Date Rate (BPM) Pressure (PSI) Pressure (PSI) ISIP (PSI) Proppant (lbs) N/A N/A ISIP (PSI) Proppant (lbs)	Date Rate (BPM) Pressure (PSI) Pressure (PSI) ISIP (PSI) Proppant (Ibs) Water (bbls)

Please insert additional pages as applicable.

API 47- 095	_ 02153	Farm	_{name} Velma	L. Wells		Well r	number_	# 14	03 MH
PRODUCING N/A	FORMATION(<u>S)</u> .	<u>DEPTHS</u>	TVD		MD			
Please insert ac	lditional pages a	as applicable.		_		_			
GAS TEST	□ Build up □	Drawdown	□ Open Flow		OIL TEST 🗆	Flow \Box	Pump		
								FTES	T hrs
OPEN FLOW	Gas	Oil	NGL			GASM	1EASU	REDE	NY.
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD 0	BOTTOM DEPTH IN MD	FT DESCRIBE				D QUANTITYAND NE, OIL, GAS, H ₂ S, ETC)
	N/A								
Please insert ad	 ditional pages a	s applicable.							
	Alpha Hun	ter Rig 7					4		
Address 28407	Alberta T		City	Marietta		State	Ohio	_ Zip	45750
Logging Comp Address			City			State		Zip	
Cementing Cor Address 4999 B	mpany <u>Halliburt</u> East Point Drive	on Energy Serv		Zanesville	,		Ohio		43702
Stimulating Co	mpany N/A								
Address	Iditional pages a	s annlicable	City			State		_Zip	
		э аррисане.			T-1-1	7/0.760	1-0572		
Completed by Signature	Dai off Radia	6	Title _	Operations M	Telephone anager		Date 10	/9/2017	,
Submittal of Hy	ydraulic Fractur	ing Chemical I	Disclosure Info	rmation	Attach copy o	of FRACE	OCLIS	Regist	rv