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

API 47 - 013 - 03464 County Calhou	n Di	strict Washingto	on			
	Field/Pool Name					
Farm name Tanner	W					
Operator (as registered with the OOG) Prime Operating	Company					
Address 708 1/2 Lee Street East City Ch	arleston,	State WV	Zip 25301			
As Drilled location NAD 83/UTM Attach an as-drill  Top hole Northing 38.684781  Landing Point of Curve Northing Bottom Hole Northing	Easting	g -81.088812				
Elevation (ft) 1080 GL Type of Well	□New ■ Existing	Type of Report	□Interim			
Permit Type   Deviated   Horizontal   Horizon			□ Deep ■ Shallow			
Type of Operation □ Convert □ Deepen □ Drill	□ Plug Back □ Redrillir	ig 📕 Rework	□ Stimulate			
Well Type □ Brine Disposal □ CBM □ Gas □ Oil □ Se	condary Recovery	tion Mining   St	orage   Other			
Type of Completion Single   Multiple   Fluids Production Multiple   Fluids Production Hole   Rotary  Drilling Media   Surface Hole   Air   Multiple   Fluids Production Hole   Air   Multiple   Hultiple   Fluids Production Hole   Air   Multiple   Hultiple   Fluids Production Hole   Fresh Water   Brind Multiple   Brind Hultiple   Fluids Production Hole   Air   Multiple   Hultiple   Fluids Production Hole   Fresh Water   Brind Hultiple   Fluids Production   Fresh Water   Brind Hultiple   Fluids Production   Fluids Production	ater Intermediate hol		□ Other			
Date permit issued11/26/2012 Date drilling com Date completion activities began1/9/2013	menced					
Verbal plugging (Y/N) Date permission grante						
Please note: Operator is required to submit a plugging applic  Freshwater depth(s) ft	Open mine(s) (Y/N) depr Void(s) encountered (Y/N)	ths				
Coal depth(s) ft	04:10:1					
Is coal being mined in area (Y/N)		0010	Reviewed by:			

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API 47- 013	_ 03464	Farm na	<sub>me</sub> Tanner	···································		_Well numbe	1210 (260	06)
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)		ment circulate (Y/N) ride details below*
Conductor								
Surface	12"	8 5/8"	210'	New	28.55#			Yes
Coal								
Intermediate 1								
Intermediate 2								
Intermediate 3								
Production	7 7/8"	4 1/2"	1903'	New	10.5			55 sks
Tubing								
Packer type and de	pth set							
Comment Details							······································	
CEMENT DATA Conductor	Class/Type of Cement					olume	Cement Top (MD)	WOC (hrs)
Surface								
Coal	· · · · · · · · · · · · · · · · · · ·							
Intermediate 1						···		
Intermediate 2							<u> </u>	
Intermediate 3							<del> </del>	
Production								
Tubing								
Tuonig						<u> </u>		
	ion penetrated	1			D (ft) to (ft)			
Kick off depth	(ft)							
Check all wirel	ine logs run	□ caliper □ neutron	□ density □ resistivity		ed/directional a ray	□ induction □ temperat		ic
Well cored □	Yes □ No	Convention	onal Sidev	wall	Were c	uttings collecte	ed □Yes	□ No
DESCRIBE TH	Œ CENTRAL	LIZER PLACEMI	ENT USED FO	R EACH C	ASING STRIN	IG		
				· · · · · · · · · · · · · · · · · · ·				
WAS WELL C	OMPLETED	AS SHOT HOLE	□ Yes ■	No DI	ETAILS	RECEI Office of Oil	VED and Gas	
WAS WELL C	OMPLETED	OPEN HOLE?	□ Yes <b>≜</b> N	o DET	AILS	JUN 15		
WERE TRACE	ERS USED 1	⊐ Yes ▮ No	TYPE OF T	RACER(S)	USED	WV Departr nvironmental	ment of Protection	

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API 47- 013 _ 03464 Farm name Tanner Well number 1210 (2606)
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## PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1		1641'	1560'	45	Salt Sand
	1				
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-				<del> </del>	
				<u> </u>	
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			<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)
1	4/16/204		2684	2834	1692	30,900	155	323,017
			· · · · · · · · · · · · · · · · · · ·					
				· · · -				
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				BECE	IVED			
		***			il and Gas			
			· · · · · · · · · · · · · · · · · · ·	<del> </del>				
				JUN 1	<del>5 2016</del>			
				JUN 1	<b>3</b> 2016			

Please insert additional pages as applicable.

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	_ 03464	Farm	<sub>name</sub> Tanner			Well nu	ımber_	1210 (	2606)	
PRODUCING	FORMATION(S		<u>DEPTHS</u>	_TVD _		MD				
Please insert ad	ditional pages a	s applicable.								
GAS TEST	□ Build up □	Drawdown	□ Open Flow	(	OIL TEST 🗆	Flow $\Box$	Pump			
SHUT-IN PRE	SSURE Surfa	ace	_psi Botto	m Hole	psi	DURAT	ION O	FTEST	,	hrs
OPEN FLOW	Gas mcf	Oil 9 1	NGL opd	. bpd _	Water bpd	GAS M	EASUI ated	RED B'	Y ce □ Pil	ot
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD 0		TOP DEPTH IN FT MD 0	BOTTOM DEPTH IN F MD	T DESCRIBE				QUANTITY E, OIL, GAS,	
						RECEIVE				
					Опіс	e of Oil ar	id Gas			
					JI	JN 152	2016			
Drilling Contra	lditional pages a	5.70.	City		Enviro	Departmenmental Pr	otectio	n _ Zip _		
Logging Comp	any Baker Hugh	es								
	hilippi road		City	Clarksburg		State	WV	_ Zip _	26301	
	mpany					State		_ Zip _		
Stimulating Co	mpany Univers	al Well Service	Company							
Address 15 Sev	ver Plant Road		City	Buckannon		State	WV	_Zip_	26201	
Please insert ad	lditional pages a	s applicable.								
Completed by	Randall Whited	White	Title Fi	eld Superviso	Telephone	304-342-	0121 Date <sup>6/9</sup>	9/2016		
8	and the									