DATE: 2/10/69 API: 47-097-03557

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

Well Operator's Report of Well Work

Farm Nam <u>e:</u>	Br	adley Lew	<i>i</i> is	Ope	rator W	eil No)	Shuman #	#1 D	O813
LOCATION:		Flevation:	1,091		Quadr	anale	۲.	Ro	rlin	425
D D	istrict [.]	Wa	arren	-			/. /:	Ups		
l at	titude: _	8 150	Feet S. of	39	Dea	0011ty	Min	30		
Long	jituue	11,000	Feet W. of	-00	beg.	15	IV()(1.		_Se	C.
Company: Devo	onian G	as Produc	ction,Inc.							
				Casi	ing &	Us	sed in	I		Cement fill
Address: PO I	3ox 907	7		n	oing		rilling	Left in V		up Cu. Ft.
Jane	Lew. \	NV 26378			5/8		30	30'		
	,				711	1	090'	1090	ÿ d	to surface
Agent:	····	Jo	hn Haskins	4 1	/2"		031'	5031		210 sks
Inspector:			Duckworth			_				
Date Permit Iss	ued:		07/17/08							
Date Well Work	Comm	enced:	08/13/08							
Date Well Work	Compl	eted:	10/29/08							
Verbal Plugging	<u>;</u>									
Date Permission	n Grant	ed on:				W	**************************************			
Rotary X Cabl		₹ig	,							
Total Depth (ft):		. –	5128'							·
Fresh Water De	pth (ft):		220'							
Salt Water Dep	th (ft):		NA NA							
lo ocal boing mi	nad in t	ho 0-00 ()	//NI\O	NI .						
Is coal being mi			(/N)?	N						
Coal Depth	is (it). <u>I</u>	NA								
OPEN FLOW D	ATA									
		ormations	5th	า		Pav z	one dep	th (ft)		2,509
			Baya			-, -	сор	()		2,598
			Bradf		_					3,720
			Bens		_					4,540
			Ell		_					4,969
•		6	400				C.			
Gas		open flow		•	Oil: Initi	-		N/A	_Bbi	
Time		open flow		Mcf/d.		ai ope	en flow	N/A	_Bbl	i/a
	-		ween initial				7	Hours	11-	
Sta	ILIC FOCK	Pressure	1800	psig (si	urface p	oress.) arter	48	_Ho	urs
NOTE: On back	of this	form put t	he followina	: 1) Det	ails of c	erfor	ated inte	rvals, fra	cturii	na or
stimulating, phy		•	_							_
record of all forr								J	3	. • • • • • • • • • • • • • • • • • • •
	- 18				-					
Signed:	51	In lo	1							
By:					_					
Date	: 2/1	0109								
	-7-	107		· · · · · ·						

HYDRAULIC FRACTURING DETAILS

	# of shots	20/40
The second secon		20140
Elk	12	35,000
Benson	12	35,000
Bradford	9	15,000
Bayard	12	15,000
5th	16	20,000
	Benson Bradford Bayard	Benson 12 Bradford 9 Bayard 12

DRILLERS LOG

	DRILLERS LOG					
FORMATION	FROM	ТО				
Fill	0	5				
sand & shale	5	847				
sand & shale	847	1,445				
sand & shale	1,445	1,658				
Big Lime	1,658	1,775				
sand & shale	1,775	2,514				
Fifth Sand	2,514	2,540				
sand & shale	2,540	2,596				
Bayard	2,596	2,625				
sand & shale	2,625	3,693				
Bradford	3,693	3,715				
sand & shale	3,715	4,905				
Elk	4,905	4,915				
sand & shale	4,915	TD				
<u> </u>		1				

ELECTRIC LOG

LLLC I NO LOG					
FORMATION	DEPTH				
Big Lime	1,680				
Fifth Sand	1,985				
Bayard	2,620 3,705				
Bradford	3,705				
Benson	4,510				
Elk	4,915				
- Louis - Loui					
/					
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	-				
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