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



API 47 - 103 - 170	7 County WETZ	EL Dis	trict GRANT	
Quad PINE GROVE 7.5'		HOYT Fie	ld/Pool Name W	ILEYVILLE
arm name DALLISON LUN		We		
Operator (as registered with th	HO ENEDOWI	LC		
Address 5260 DuPONT RO	c 000)	ARKERSBURG	State WV	Zip 26101
As Drilled location NAD 83		lled plat, profile view, and de Easting	eviation survey 5 529,778 M	
Landing Point of Cur				
Bottom Ho				
Elevation (ft) 1,408'	_ GL Type of Well	I □New ■ Existing	Type of Report	□Interim ■Final
Permit Type   Deviated	☐ Horizontal ☐ Horiz	ontal 6A	Depth Type	□ Deep ■ Shallow
Type of Operation □ Conver	t 🗆 Deepen 🗆 Drill	□ Plug Back □ Redrillin	g 🗆 Rework	<b>■</b> Stimulate
Well Type ☐ Brine Disposal	□ CBM □ Gas □ Oil ■ S	Secondary Recovery   Solut	tion Mining   Sto	orage 🗆 Other
Type of Completion ■ Single Drilled with □ Cable ■ R  Drilling Media Surface hole	otary	duced □ Brine □Gas □  Water Intermediate hole		□ Other
Production hole Air	Mud A Fresh Water Br	rine		
Mud Type(s) and Additive(s) N/A				
Date permit issued2/12		mmenced_ N/A		
Date completion activities beg	10/17/12	Date completion activit	ies ceased	10/17/13
Verbal plugging (Y/N)	N Date permission grar	nted	Granted by	
			REC	EIVED
Please note: Operator is requ	ired to submit a plugging app	lication within 5 days of verb	oal permission of	i@il & Gas
Freshwater depth(s) ft	None	Open mine(s) (Y/N) dep		27 2013
Salt water depth(s) ft	None	Void(s) encountered (Y/	N) MANSTON	N
Coal depth(s) ft	None	Cavern(s) encountered	Milanunani	a linen Not
Is coal being mined in area (Y	//N) N		, - mich	ai Protection
is coar being fillied in area (1				Reviewed by:

API 47- 103	1707		me_DALLISC	ON LUMBE	R INC.	Well nun	nber 103	
CASING STRINGS	Hole Size	Casing Size	New or Depth Used		Grade wt/ft			Did cement circulate (Y/ N)  * Provide details below*
Conductor								
Surface		8 5/8"	1,320'	Existing				Existing
Coal								
Intermediate 1								
Intermediate 2								
Intermediate 3								
Production		4 1/2"	3,367'	Existing				Existing
Tubing								
Packer type and d	epth set							
Comment Details								
CEMENT DATA	Class/Type of Cement	Number of Sack			Yield t <sup>3</sup> /sks)	Volume (ft <sup>2</sup> )	Cement Top (MD	
Conductor								
Surface	Existing	540_						
Coal								
Intermediate 1								
Intermediate 2								
Intermediate 3					<u></u>			
Production Tubing	Existing	275						
Tubing								
Drillers TD (fi Deepest forma Plug back pro	ation penetrated	Gordon			D (ft) 3343 to (ft) N/A			
Kick off depth	ı (ft)							
Check all wire	eline logs run	□ caliper □ neutron	□ density □ resistivit		ted/direction a ray		ction perature	□sonic
	□ Yes 🖪 No	Conventi		ewall		ere cuttings co		
DESCRIBE T	HE CENTRAL	ZER PLACEM	ENT USED F	OR EACH C	ASING ST	RING		
		<del></del>						
WAS WELL	COMPLETED A	AS SHOT HOLI	E □Yes I	No D	ETAILS .			
WAS WELL	COMPLETED (	OPEN HOLE?	□ Yes 🖪	No DET	AILS			
WEDE TD AC	TERCUSED -	Ves A No	TYPF OF	TRACER(S)	USED			
WERE IKAC	END DOED D	1 C2 E 140	, ii L Of	. In Contain				

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API 47- 103 \_ 1707 Farm name DALLISON LUMBER INC. Well number 103

## PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	Existing	3305'	3308'	18	Gordon
1	Existing	3312'	3315'	18	Gordon
		-			
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				<u> </u>	

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)
	10		N/A	3638		373	
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1							
	Date		Date Rate (BPM) Pressure (PS1)	Date Rate (BPM) Pressure (PSI) Pressure (PSI)	Date Rate (BPM) Pressure (PSI) Pressure (PSI) ISIP (PSI)	Date Rate (BPM) Pressure (PSI) Pressure (PSI) ISIP (PSI) Proppant (lbs)	Date Rate (BPM) Pressure (PSI) Pressure (PSI) ISIP (PSI) Proppant (lbs) Water (bbls)

Please insert additional pages as applicable.

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API 47- 103	_ 1707		Farm i	name DALLISC	ON LUME	BER INC.	Well numbe	<sub>r_</sub> 103	
PRODUCING Gordon	FORMAT	ION(S)	 	<u>DEPTHS</u>	_TVD 	3301'-3316'	MD		
Please insert ac				- Our Flam	_	OII TEST of	Flow 5 Pum	_	
							Flow - Pum		hre
		Surtace	e Oil				DURATION  GAS MEAS		
OPEN FLOW		_ mcfpd		bpd	bpd	bpd	□ Estimated	□ Orifice	□ Pilot
LITHOLOGY/ FORMATION	DEPTH I		BOTTOM DEPTH IN FT TVD	MD	BOTTO! DEPTH IN MD	FT DESCRIBE	-	TER, BRINE, OI	L, GAS, H₂S, ETC)
	0	-		00			See ong	ginal Well Record	
			<del></del>						
			_						
				<del>                                     </del>					
Please insert a	actor					L			
Address	actor			City			State	Zip	
Logging Comp	pany			City			State	Zip	<del></del>
Address						-	State	Zip	
Stimulating Co Address 109 S Please insert a	outh Grahar	n Street		orp. City	Zanesville	e	State OH	Zip <u>4370</u>	)1
Completed by Signature	Dev K	oser Led	He		-	•	ne <u>3 o 4</u>		107
Submittal of I	Tydraulic F	Fracturin	g Chemical	Disclosure Info	rmation	Attach copy	of FRACFOC	JS Registry	

Prepared for: H G Energy



	SERVICE CORP.		
INVOICE #: 16007			_
WELL NAME: L S Hoyt #103			
STATE & COUNTY: WV/ Wetzel			
TOWNSHIP/FIELD: Wielyville			_
DATE of SERVICE: 10/17/2013			=
CUSTOMER PO#			_
CUSTOWIER FO#	1		
Description	Notes	Amount	ı
FLUID PUMP CHARGE 0-3000 PSI MIN CHARGE 4 HRS		1	
BLENDER CHARGE 0-10 BPM		1	
MILEAGE CHARGE PER UNIT ONE WAY	2 Units @ 70 Miles	140	
IC ACID 15%		300	
PRO HIB II		0.5	_
ACID DELIVERY		2	
PRO CLA LOK (KCL SUBSTITUTE)		25 12	
PRO NE-21		250	-
PRO GEL 4		50	-
BUFFER I		50	-
BUFFER II		2	
BIO CLEAR 750		22	
AP BREAKER		15	
BXL-A		15	
BXL-10C SAND 20/40 ECONOPROP		150	
SAND DELIVERY / TON MILES		525	_
DATA VAN			S
DATA VAN			
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