

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

API 47 - 103 - 03104 County Wetzel District Green  
Quad P Grove/C Point Pad Name Wiley N GRN WZ Field/Pool Name \_\_\_\_\_  
Farm name Coastal Lumber Company Well Number Wiley N GRN WZ 7H  
Operator (as registered with the OOG) Tribune Resources, LLC  
Address 3861 Ambassador Caffery Parkway City Lafayette State LA Zip 70503

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4373353.8 Easting 526499.9  
Landing Point of Curve Northing \_\_\_\_\_ Easting \_\_\_\_\_  
Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 1286.8' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
CACL

POL-E-FLAKE

Date permit issued 6/26/2015 Date drilling commenced 9/7/2015 Date drilling ceased 9/7/2015  
Date completion activities began NA Date completion activities ceased NA  
Verbal plugging (Y/N) \_\_\_\_\_ Date permission granted \_\_\_\_\_ Granted by \_\_\_\_\_

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft \_\_\_\_\_ Open mine(s) (Y/N) depths \_\_\_\_\_  
Salt water depth(s) ft \_\_\_\_\_ Void(s) encountered (Y/N) depths \_\_\_\_\_  
Coal depth(s) ft \_\_\_\_\_ Cavern(s) encountered (Y/N) depths \_\_\_\_\_  
Is coal being mined in area (Y/N) \_\_\_\_\_

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Reviewed by:

DMH

5-23-19

Reviewed

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CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	26"	20"	100'	New	J-55		
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Class A	176	14.93	1.21	38		
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 100' Loggers TD (ft) \_\_\_\_\_  
Deepest formation penetrated \_\_\_\_\_ Plug back to (ft) \_\_\_\_\_  
Plug back procedure \_\_\_\_\_

Kick off depth (ft) \_\_\_\_\_

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_

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### PERFORATION RECORD

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

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)

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PRODUCING FORMATION(S)	DEPTHS	
	TVD	MD

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface \_\_\_\_\_ psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST \_\_\_\_\_ hrs

OPEN FLOW Gas \_\_\_\_\_ mcfpd Oil \_\_\_\_\_ bpd NGL \_\_\_\_\_ bpd Water \_\_\_\_\_ bpd GAS MEASURED BY  Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

Please insert additional pages as applicable.

Drilling Contractor Express Energy Services  
Address 9800 Richmond Ave Suite 500 City Houston State TX Zip 77042

Logging Company \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ RECEIVED  
Office of Oil and Gas

Cementing Company Allied Oil & Gas Services, LLC  
Address PO Box 93999 City Southlake State TX Zip 76092 MAY 10 2019

Stimulating Company \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ WV Department of  
Environmental Protection

Please insert additional pages as applicable.

Completed by LEE L. LAWSON Telephone 337-769-4066  
Signature \_\_\_\_\_ Title REG. / HSE DIRECTOR Date 5-8-2019





Well Name: WILEY N GRN WZ 7H

Casing, Liner and Cement report

CONDUCTOR

API 47103031040000	Surface Legal Location GREEN TOWNSHIP	License #	State WEST VIRGINIA	Well Configuration Type HORIZONTAL
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Casing Flange Distance (ft)	Well Spud Date	Rig Release Date

HORIZONTAL, ORIGINAL HOLE, 7/24/2018 10:09:53 AM

M	TVD (ft)	Vertical schematic (actual)
D	Inch (ft)	
K		
B		

Wellbore		
Wellbore Name ORIGINAL HOLE	Profile Type	Vertical Section Direction (°)
Section Des CONDUCTOR	Size (in)	Act Top (ftKB)
	26	25.0
		Act Btm (ftKB)
		100.0

Kick Offs & Key Depths				
Date	Point or Interval	Type	Description	Prop?   Top Dept...   Bottom D...

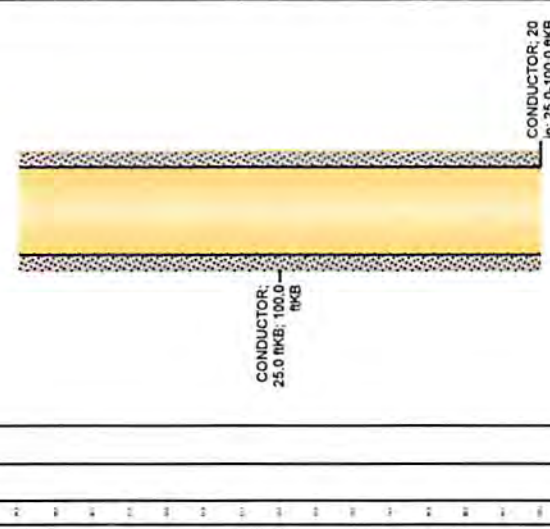
Wellhead				
Type				
Des	Make	Model	SN	W/P Top (psi)

Last Mud Check				
Date	Type	Depth (ftKB)	Dens (lb/gal)	Yp OR (lb/100ft)
			Vis (cP)	PV OR (cP)
			Gel (10s) (lb/100ft)	
			Gel (30s) (lb/100ft)	

Casing				
Casing Description CONDUCTOR	Run Date 9/7/2015 00:00	Set Depth (ftKB)	Wellbore	ORIGINAL HOLE
Centralizers	Scratchers			

Jts	Item Des	OD (in)	ID (in)	WT (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
2	CASING JOINTS	20	19.12	94.00	J-55	75.00	25.0	100.0

Cement: CONDUCTOR	
Commencing Start Date 9/7/2015	Wellbore ORIGINAL HOLE
Commencing End Date 9/7/2015	
Evaluation Method	Eval Result
Comment	



Cement Stage: CONDUCTOR				
Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return? Yes	Vol Ceme...	Top Plug? No
25.0	100.0	2	20.0	Bottom Plug? No
Q Pump Init (bbl/min)	Final Pump Rate (bbl/min)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Plug Bump Pressure (psi)
2	2	2	20.0	20.0
Pipe Reciprocated?	Stroke (ft)	Reciprocation Rate (spm)	Pipe Rotated?	Pipe RPM (rpm)
No		No	No	
Tagged Depth (ftKB)	Tag Method	Depth Plug Drilled Out...	Drill Out Diameter (in)	Drill Out Date

Cement Fluid: CONDUCTOR				
Fluid Type LEAD	Fluid Description CLASS A CEMENT	Amount (s...)	Class	Volume Pumped (bbl)
Estimated Top (ftKB)	Est Btm (ftKB)	Yield (ft <sup>3</sup> /sack)	Mix H2O Ratio (gal/sack)	Free Water (%)
25.0	100.0	1.21	5.24	
Density (lb/gal)	Plastic Viscosity (cP)	Thickening Time (hr)	1st Compressive Strength (psi)	
15.60				

Cement Fluid Additives				
Add	Type	Amount	Amount Units	Conc
CACL				3.0 %
POL-E-FLAKE				0.25 PPS

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