

APPROVED

NAME: Gene Smith

DATE: 3/30/2016



Page 1 of 4

WR-35
Rev. 8/23/13

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

API 47-103-02804 S County WETZEL District GRANT
Quad PINE GROVE 7.5' Pad Name L.S. HOYT Field/Pool Name WILEYVILLE
Farm name DALLISON LUMBER INC. Well Number 293
Operator (as registered with the OOG) H.G. ENERGY LLC
Address 5260 DuPONT ROAD City PARKERSBURG State WV Zip 26101

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,383,340 M Easting 530,225 M
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 979' 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)
N/A

Date permit issued 8/28/13 Date drilling commenced N/A Date drilling ceased N/A
Date completion activities began 9/9/13 Date completion activities ceased 9/11/13
Verbal plugging (Y/N) 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 50' Open mine(s) (Y/N) depths N
Salt water depth(s) ft None Void(s) encountered (Y/N) depths N
Coal depth(s) ft 700'- 710' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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04/01/2016

API 47- 103 - 02804

Farm name DALLISON LUMBER INC.

Well number 293

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	12 1/4"	11 5/8"	30'	Used	LS		Existing
Surface	8 3/4"	7"	966'	New	LS	64'	Existing
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	6 1/4"	4 1/2"	2976.35'	New	J-55		Existing
Tubing		2 3/8"	2764'	New	J-55		
Packer type and depth set		Baker lockset packer @ 2764'					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	Reg Neat	250	15.6	1.18	295	Existing	8
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	50:50 Pozmix	150	14.2	1.27	186	Existing	8
Tubing							

Drillers TD (ft) 3020'

Loggers TD (ft) 3020'

Deepest formation penetrated Gordon

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) N/A

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 _____

Existing

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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API 47-103 - 02804 Farm name DALLISON LUMBER INC. Well number 293

PERFORATION RECORD

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

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)
			no additional	stimulation				

Please insert additional pages as applicable.

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Farm name DALLISON LUMBER INC.

Well number 293

PRODUCING FORMATION(S)

DEPTHS

Gordon _____ 2860'- 2880' 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/ TOP BOTTOM TOP BOTTOM
 FORMATION DEPTH IN FT DEPTH IN FT DEPTH IN FT DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITY AND
 NAME TVD TVD MD MD TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
Sand/Shale	0	700	0		
Pittsburgh Coal	700	710			
Sand/Shale	710	1980			
Big Lime	1980	2040			
Big Injun	2040	2266			
Shale	2266	2839			
Gordon Stray	2839	2854			
Shale	2854	2860			
Gordon	2860	2880			
Shale	2880	3020			
TD	3020				

Please insert additional pages as applicable.

Drilling Contractor NA
 Address _____ City _____ State _____ Zip _____

Logging Company NA
 Address _____ City _____ State _____ Zip _____

Cementing Company NA
 Address _____ City _____ State _____ Zip _____

Stimulating Company NA
 Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Roger Heldman Telephone 304-420-1107

Signature *Roger Heldman* Title Operations Manager Date 2/18/16

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

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west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

February 11, 2016

**NOTIFICATION OF NON-COMPLIANCE
FOR DELINQUENT REPORT(S)**

HG ENERGY, LLC,

Our records indicate that the following reports, as highlighted, for permit API:
47-10302804(further described below), issued to HG ENERGY, LLC, have not been filed with
this Office:

WR-34
OTHER _____

WR-35

WR-38

This letter serves as your notice that this report is delinquent and subject to enforcement action. Please be advised that in order to avoid any enforcement action as a result of the failure to submit this report, you have 15 calendar days from the issuance of this letter to submit the report to this office. Failure to submit the report in the fifteen calendar days following the issuance of this letter will result in enforcement action. If you fail to submit the delinquent report in 15 calendar days, see the PENALTY SCHEDULE FOR DELINQUENT REPORTS and DELINQUENT REPORT PENALTY SETTLEMENT to include the appropriate penalty when submitting this record.

If you feel that you have received this letter in error, or have further questions, please contact the Office of Oil and Gas immediately.

* See Attached Form

James Martin
Chief

Operator: HG ENERGY, LLC
Operator's Well No: L. S.HOYT 293
Farm Name: DALLISON LUMBER INC.
API Well Number: 47-10302804
Date Issued: 08/28/2013

Promoting a healthy environment.

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