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DEC 30 2013

WR-35
Rev. 8/23/13

WV GEOLOGICAL SURVEY
MORGANTOWN, WV State of West Virginia

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

W2

API 47 - 103 - 1708 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 105
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 4,384,041 M Easting 530,180 M
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1,176' 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 7/16/13 Date drilling commenced N/A Date drilling ceased N/A
Date completion activities began 7/25/13 Date completion activities ceased 7/25/13
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 None Open mine(s) (Y/N) depths N
Salt water depth(s) ft None Void(s) encountered (Y/N) depths N
Coal depth(s) ft None Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: _____

Pine Grove Camp Run (410) B-0

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Farm name DALLISON LUMBER INC.

Well number 105

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							
Surface		8 5/8"	1,058'	Existing			Existing
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production		4 1/2"	3,154.05'	Existing			Existing
Tubing							
Packer type and depth set							

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	Existing	460					
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	Existing	275					
Tubing							

Drillers TD (ft) 3208' Loggers TD (ft) 3152'
 Deepest formation penetrated Gordon Plug back to (ft) N/A
 Plug back procedure N/A

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 _____
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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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	Existing	3089'	3093'	16	Gordon
1	Existing	3086'	3096'	60	Gordon

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	7/25/13	10	3011	None	3805	12,500	360	

Please insert additional pages as applicable.

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PRODUCING FORMATION(S)	DEPTHS
Gordon	TVD 3055'-3093' 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		DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		See original Well Record

Please insert additional pages as applicable.

Drilling Contractor _____ Address _____ City _____ State _____ Zip _____

Logging Company _____ Address _____ City _____ State _____ Zip _____

Cementing Company _____ Address _____ City _____ State _____ Zip _____

Stimulating Company Producers Service Corp. Address 109 South Graham Street City Zanesville State OH Zip 43701

Please insert additional pages as applicable.

Completed by Roger Heldman Telephone 304-420-1107 Signature [Signature] Title Operations mgr Date 11/26/13

Prepared for:
H G Energy



INVOICE #: 15613

WELL NAME: L S Hoyt #105

STATE & COUNTY: WV/ Wetzel

TOWNSHIP/FIELD: Wielyville

DATE of SERVICE: 7/25/2013

CUSTOMER PO#

Description	Notes	Amount
FLUID PUMP CHARGE 0-3000 PSI MIN CHARGE 4 HRS		
BLENDER CHARGE 0-10 BPM		
MILEAGE CHARGE PER UNIT ONE WAY	2 Units @ 70 Miles	140
IC ACID 15%		300
PRO HIB II		0.0
ACID DELIVERY		
PRO CLA LOK (KCL SUBSTITUTE)		20
PRO NE-21		10
PRO GEL 4		250
BUFFER I		50
BUFFER II		50
BIO CLEAR 750		
AP BREAKER		2
BXL-A		1
BXL-10C		1
SAND 20/40 ECONOPROP		12
SAND DELIVERY / TON MILES		44
DATA VAN		

Customer Approval: _____

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