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

API 47-103-01673 County WETZEL District GREEN  
Quad CENTERPOINT 7.5' Pad Name J.K. FLUHARTY Field/Pool Name STRINGTOWN  
Farm name YELLOW HOUSE SPORTS CLUB Well Number E-18  
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 4,3470,784 M Easting 525,757 M  
Landing Point of Curve Northing \_\_\_\_\_ Easting \_\_\_\_\_  
Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 1,268' 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 Well  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
N/A

RECEIVED  
Office of Oil and Gas  
JUL 02 2014  
WV Department of  
Environmental Protection

Date permit issued 10/25/13 Date drilling commenced N/A Date drilling ceased N/A  
Date completion activities began 12/9/13 Date completion activities ceased 3/21/14  
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 N/A Open mine(s) (Y/N) depths N  
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N  
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by: \_\_\_\_\_

08/15/2014





API 47- 103 - 01673

Farm name YELLOW HOUSE SPORTS CLUB Well number E-18

PRODUCING FORMATION(S)

DEPTHS

Gordon 3122'-3136' TVD 3122'-3136' 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 \_\_\_\_\_ Oil \_\_\_\_\_ NGL \_\_\_\_\_ Water \_\_\_\_\_ GAS MEASURED BY  
\_\_\_\_\_ mcfpd \_\_\_\_\_ bpd \_\_\_\_\_ bpd \_\_\_\_\_ bpd  Estimated  Orifice  Pilot

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 <sub>2</sub> S, ETC)
Sand/Shale	0		0		SEE ORIGINAL WELL RECORD
Pittsburgh Coal					
Sand/Shale					
Big Lime					
Big Injun					
Shale					
Fifty Foot					
Shale					
Sand					
Shale					
Gordon					
Shale					
TD					

Please insert additional pages as applicable.

Drilling Contractor \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Logging Company Appalachian Well Surveys  
Address 10291 Ohio Ave City Cambridge State OH Zip 43725

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 *Roger Heldman* Title Operations Manager Date 06/27/14

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

08/15/2014

103-01673

Prepared for:  
H G Energy LLC  
  
Roger Heldman



Prepared by:  
Producers Service Corp  
Matt Untied  
109 S. Graham St.  
Zanesville, OH 43702  
740-454-6253

INVOICE #:  
WELL NAME:  
DATE of SERVICE:  
CUSTOMER PO#

Description	Notes	Amount	Units
BLENDER CHARGE 0-10 BPM		1	EA
FLUID PUMP CHARGE 0-3000 PSI MIN CHARGE		1	EA
MILEAGE CHARGE PER UNIT ONE WAY	2 Units @ 70 Miles	140	MI
IC ACID 15%		500	GAL
ACID DELIVERY		4	HR
PRO HIB II		1	GAL
PRO CLA LOK (KCL SUBSTITUTE)		20	GAL
PRO NE-21		10	GAL
PRO GEL 4		250	LB
BUFFER II		50	LB
BUFFER I		50	LB
BIO CLEAR 750		1	LB
AP BREAKER		22	LB
BXL-A		15	GAL
BXL-10C		15	GAL
DATA VAN		1	STAGE
SAND 20/40 OTTAWA		200	CWT
SAND DELIVERY / TON MILES	10 Ton @ 70 Miles	700	TMILE

Customer Approval: \_\_\_\_\_