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

API <u>47</u> - 033 _ 04905	County HARRIS	ON Distr	ict TEN MILE	
Quad WOLF SUMMIT 7.5'	Pad Name HIRAN		/Pool Name WOLF	SUMMIT
Farm name KENNETH & DEBO	RAH GASKINS	Wel	Number 108	
Operator (as registered with the OC			7.7.7.7.7	
Address 5260 DuPONT ROAD	City PAR	KERSBURG	State WV	Zip 26101
As Drilled location NAD 83/UT.  Top hole  Landing Point of Curve  Bottom Hole	M Attach an as-drilled Northing 4,348,315 M Northing Northing			
Elevation (ft) 1,188' GI			Type of Report □Int	erim <b>#</b> Final
Permit Type   Deviated    Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated    Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated    Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Deviated   Devia	Horizontal   Horizont	al 6A 🚪 Vertical	Depth Type 🗆 I	Deep   Shallow
Type of Operation   Convert	□ Deepen □ Drill □	Plug Back   Redrilling	□ Rework    ■ St	timulate
Well Type □ Brine Disposal □ C	BM □ Gas □ Oil ■ Seco	ondary Recovery	n Mining □ Storage	🗆 Other
Type of Completion ■ Single □ I  Drilled with □ Cable ■ Rotary  Drilling Media Surface hole ■  Production hole ■ Air □ Mud			NGL BOil □Ot	
Mud Type(s) and Additive(s) N/A				
Date permit issued5/31/13	Date drilling comm	encedN/A	Date drilling ceased	dN/A
Date completion activities began	6/26/13	Date completion activities	ceased 6/20	6/13
Verbal plugging (Y/N) N	Date permission granted	G	ranted by	
Please note: Operator is required to		tion within 5 days of verbal	permission to pure C	
Freshwater depth(s) ft	None	Open mine(s) (Y/N) depths		N 7 2013
Salt water depth(s) ft	None	Void(s) encountered (Y/N)	depths WV Don	N
Coal depth(s) ft	None	Cavern(s) encountered (Y/I	V) Elepths ronmen	artment of
Is coal being mined in area (Y/N)_	N			Reviewed by:

API 47- 033	_ 04905	Farm n	ame_KENNET	H & DEBOR	AH GASI	KINS Well n	umber 108	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		asket epth(s)	Did cement circulate (Y/ N * Provide details below*
Conductor							1 \-/	
Surface		7"	515'	Existing				Existing
Coal								<u>.</u>
Intermediate 1								
Intermediate 2								
Intermediate 3								
Production		4 1/2"	2,898.48'	Existing				Existing
Tubing								
Packer type and de	epth set							
Comment Details							-	
CEMENT DATA Conductor	Class/Type of Cement	Numbe of Sack			/ield . <sup>3</sup> /sks)	Volume (ft³)	Cemen Top (Mi	
Surface	Existing	125			+			
Coal		1 .==						
Intermediate 1		_						
Intermediate 2					1		<del></del>	
Intermediate 3								<del></del>
Production	Existing	150					<del></del>	
Tubing	2	1						
Drillers TD (ft Deepest format Plug back prod	tion penetrated	Fifth Sand		Loggers T Plug back				
Kick off depth	(ft)			<del> </del>				
Check all wire	line logs run	□ caliper □ neutron	□ density □ resistivity		ed/directio a ray		uction nperature	□sonic
		Convention ZER PLACEM		wall OR EACH CA		_		Yes □ No
WAS WELL C	COMPLETED A	S SHOT HOLE	E □Yes ■	No DI	ETAILS _			
WAS WELL C	COMPLETED C	PEN HOLE?	□Yes ■ N	lo DET.	AILS			
WERE TRACI	ERS USED 🗆	Yes A No	TYPE OF T	RACER(S)	USED			

API 47- 033 - 04905 Farm name KENNETH & DEBORAH GASKINS Well number 108

## PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	Existing	2792'	2805'	78	Fifth Sand

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	6/26/13	10	1898	None	1891	10,000	248	
						-		
						-		

Please insert additional pages as applicable.

API 47- 033	04905	ı	Farm	name_KENNI	ETH & DEB	ORAH GASI	KINS Well numb	er_108	
PRODUCING	<u>FORMAT</u>	ION(S)	!	<u>DEPTHS</u>		27041 20051			
Fifth Sand			_		TVD	2791'-2805'	MD		
Please insert ad	lditional pa	ages as	  applicable.		<del></del>		<del></del>		
GAS TEST	🗆 Build u	р 🗆 Г	Drawdown	□ Open Flov	v	OIL TEST	□ Flow □ Pun	ıp	
SHUT-IN PRE	SSURE	Surfac	e	psi Bo	ttom Hole	psi	DURATION	OF TEST	hrs
OPEN FLOW	Gas	_ mcfpc	Oil i	NGL bpd			GAS MEAS		□ Pilot
LITHOLOGY/ FORMATION	TOP DEPTH II NAME T	N FT	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN F	BOTTOI T DEPTH IN MD	FT DESCRI	BE ROCK TYPE AN	•	
	0			0				ginal Well Record	
				<del>                                     </del>	_				
								····	
				-					
					-				
					-				
								<del> </del>	- <del></del>
								-	
Please insert ad	lditional pa	iges as	applicable						
Drilling Contra Address					у		State	Zip	
Logging Comp	any								
Address				Cit	у		State	Zip	
Cementing Cor Address				Cit	у		State	Zip	<del></del>
Stimulating Co			s Service Co	orp.					
Address 109 So	-		1. 1.	Cit	y Zanesville	•	State OH	Zip <u>4370</u>	1
Please insert ad	~ .	_		•			A		
Completed by	1000	e (,	Hel'd	man		Telepho	one <u>304 -</u> M <u>4 -</u> Date	420-110-	<del>2</del>
Signature	Den	Keld	<u> </u>	Title	Opend	نسي إ	ng Date	11/20/	<u>13</u>
Submittal of UK	vdraulic Fr	acturin	chemical	Disclosure In	formation	Attach cop	y of FRACFOCU	JS Registry	

repared for: G Energy			
	PRODUCERS ERVICE CORP.		
INVOICE #:			
WELL NAME:			
STATE & COUNTY:			
TOWNSHIP/FIELD:			_
DATE of SERVICE:			
CUSTOMER PO#			
CUSTOMER FOR		Amount	Units
Description	Notes	Amount	Ullits
		1	EA
LUID PUMP CHARGE 0-3000 PSI MIN CHARGE 4 HRS		1	EA
BLENDER CHARGE 0-10 BPM	2 Units @ 70 Miles	140	MI
WILEAGE CHARGE PER UNIT ONE WAY	2 (1112 6)	300	GAL
C ACID 15%		0.5	GAL
PRO HIB II		2	HR
ACID DELIVERY PRO CLA LOK (KCL SUBSTITUTE)		20	GAL
PRO NE-21		250	LB
PRO GEL 4		50	LB
BUFFER I		50	LB
BUFFER II		1	LB
BIO CLEAR 750		22	LB
AP BREAKER		15	GAI
BXL-A		15	GAI
BXI -10C		94	CW
SAND 20/40 ECONOPROP		329	
SAND DELIVERY / TON MILES		1	STA
DATA VAN			
			-
			-
			1
			-
			1