API#

47 103 1671

# State of West Virginia Division of Environmental Protection Section of Oil and Gas

All

### Well Operator's Report of Well Work

	DKEW, VIK	GINIA FLUHAK	.1 1	Oper	ator we	II NO.:	W IVI I	LUHARIY E	-13	
LOCATION:	Elevation:	1,022.00		Quad	lrangle:	CEN	TERP	OINT 7.5'		
	District: Latitude: Longitude:	GREEN 8,200 Feet 9,600 Feet			nty: W Deg 3 Deg 4		0 00	Sec.		
Company:	P.O. BOX 55	URCES, INC. 119 V 26105-5519			Casing & Tubing		d in lling	Left in Well	Fi	ement Il Up u. Ft.
Agent:	PHILIP S. O	NDRUSEK			Size					
Inspector: Permit Issued: Well work Co		ERWOOD 12/04/03 02/14/04			-					
Well work Co Verbal pluggingermission gra	ng	02/18/04			8 5/8'	308	3.00'	308.00'	90	sks
Rotary X Total Depth (f Fresh water de	Cable feet)	Rig 3007 NA			4 1/2'	298	0.30'	2980.30'	170	sks
Salt water dep		NA NA						RECEIVE Office of Oil 8 Office of Cl	Gas	
Is coal being r Coal Depths (	nined in area (Y ft):							MAY 2 0 2	d04	·
OPEN FLOW	DATA	Water Injection	n Well					WV Departm Environmental P	ent of rotection	
Produ Gas:	ucing formation Initial open f Final open fl Time of open		* N	ICF/d			n flow		2855-2 * *	2920 Bbl/d Bbl/d
Static	rock pressure				urface p	ressure)		after		_Hours
Secon Gas:	nd producing for Initial open f Final open fl	low		ICF/d ICF/d	Oil: In		n flow			Bbl/d Bbl/d
Static		en flow between	initial ar	nd fina		•		Hours after	-	_Hours
OR STIMULAT	ING, PHYSICAL (	I, PUT THE FOLLO CHANGE, ETC. 2) FORMATIONS, IN	THE WELL	LOG V	VHICH IS	A SYST	EMAT	IC DETAILED	CTURING	WET
		For	EASTR	ESOU	RCES		1		· · · · · · · · · · · · · · · · · · ·	
		1.01.	By:		/ / /	/_/	ldu			2

**Treatment:** 

Treated perforations 2892' -2902' w/ 250 gals 15% HCL, 327 Bbls cross linked gel and 20,500 # 20/40 sand

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Well Log:

See original well record

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WW Division of
Environmental Protection

## State of West Virginia Division of Environmental Protection Section of Oil and Gas

05-03-95 API # 47-103-1671S

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Permitting

Office of Oil & Gas

#### Well Operator's Report of Well Work

Farm name:	DREW, VIR	GINIA FLUHARTY	Ope	rator Well	No.: WM	FLUHART	Y E-15
LOCATION:	Elevation: 1,022			drangle:	119 <b>4</b>		
	District: Latitude: Longitude:	GREEN 8,200 Feet south o 9,600 Feet west of		nty: WE Deg 30 Deg 40		Sec.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Company:	P.O. BOX 55	PRODUCTS COMPANY 519 V 26105-5519	7	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Agent:	PHILIP S. O	NDRUSEK		Size			
Inspector: Permit Issued: Well work Con	RANDAL M	5/3/95					
Well work Con Verbal plugging	npleted: g	8/5/95 10/3/95		8-5/8	308'	308'	90 SKS
permission gran Rotary X Total Depth (fe	Cable eet)	Rig 3,007'		4 1/2"	2980.3'	2980.3'	170 SKS
Fresh water de	pths (ft)	NA					
Salt water dept	hs (ft)	NA		M-100 H			
Is coal being m Coal Depths (f	•	/N) NA N					
OPEN FLOW	DATA	*Waterflood Injection V	Well			÷	
Gas: Static	cing formation Initial open for Final open flower of operation of operation of the following for Initial open for Initial ope	ow * cn flow between initial a * mation	MCF/d MCF/d and fina psig (s	Fin al tests urface pre		* House	2855-2920  * Bbl/d  * Bbl/d  rs  * Hours
Static	Final open flo Time of oper rock pressure	en flow between initial			al open flow essure)	Hou	Bbl/d rs Hours
NOTE: ON BAINTERVALS, LOG WHICH	ACK OF THIS FRACTURING IS A SYSTEM	FORM, PUT THE FOLL GOR STIMULATING, P ATIC DETAILED GEOI INTEREDBY THE WEL	OWING HYSIC LOGICA	G: 1) DET AL CHAI AL RECO	AILS OF PI	ERFORATE 2) THE WE	ED ELL
		For: PENN By: Date:			SOMPAN L. O.Z. GG	IY .	

### Treatment: Perforated Gordon 2892-2902 (40 Holes) Treated Via 4 1/2" with 550 gals 15% HCl, 221 BBL gelled water & 15,300# 20/40 Sand.

#### Well Log:

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Sand & Shale	0	-	1220'
Sand	1220'	- ,	1270'
Sand & Shale	1270'	-	1785'
Sand	1785'	-	1856'
Shale	1856'	-	2002'
Sand	2002'	-	2052'
Shale	2052'	-	2108'
-Sand Incac	-2108'	-	2279
Shale	2279'	-	2855'
Gordon	2855'	-	2920'
<b>T.D.</b> ****.	3007'		