Corrected 8-14-15

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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 - 087 - 02538 W County ROANE	District REEDY
Quad LIVERPOOL Pad Name	
	Well Number E. L. FLEMING #2(re-work
Operator (as registered with the OOG) KRAKROW, INC.	X 6 3084 811 000000000 == 20 500 0.00 H=
	State WV Zip 25276
Landing Point of Curve Northing N/A East	asting 1.823.503 N/A sting
Elevation (ft) 982' GL Type of Well □New ■ Existing	Type of Report □Interim ■Final
Permit Type □ Deviated □ Horizontal □ Horizontal 6A ■ Vertical	Depth Type 🗆 Deep 📕 Shallor
Type of Operation = Convert = Deepen = Drill = Plug Back = Redr	irilling Rework Stimulate
Well Type □ Brine Disposal □ CBM □ Gas ■ Oil □ Secondary Recovery □ S	Solution Mining Storage Other
Type of Completion Single Multiple Fluids Produced Brine Gas Drilled with Cable Rotary Drilling Media Surface hole Air Mud Fresh Water Intermediate Production hole Air Mud Fresh Water Brine Mud Type(s) and Additive(s)	
NONE	
	ctivities ceased2/18/2015
Verbal plugging (Y/N) N/A Date permission granted N/A	Granted by N/A
Please note: Operator is required to submit a plugging application within 5 days of	`verbal permission to plug
Freshwater depth(s) ft EST. BEHIND 7"-90" & PITTSBURG 720" Open mine(s) (Y/V)	depths NO
Salt water depth(s) ft SALT SAND 1975' & BIG DUNKARD 1400' Void(s) encountered	A LO
Coal depth(s) ft NO Cavern(s) encountered AUG 1	red (YAN) depths NO
	D CHARLE

Office of Oil and Gas
WV Dept. of Environmental Protection

10/23/2015

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TYPE OF TRACER(S) USED _

WERE TRACERS USED Yes No

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API 47- 087 02538 Farm name_JERRY VANCE Well number_E. L. FLEMING #2(re-work)

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD it.	Number of Perforations	Formation(s)
1	11/1/2013	2590	2605	25	BEREA
				!	

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	12/11/13	10.3	1512	1483	960	5600	141	NONE
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API 47- 087 - 02538 Farm				name JERRY VANCE				Well number E. L. FLEMING #2(re-work)							
PRODUCING FORMATION(S) BEREA				<u>DEPTHS</u> 2590		TVD				MD					
							_			 .					
Please insert ac	dditional p	ages as a	— applicable.				_								
GAS TEST	. = Build u	ıp =D	rawdown	= Ор	en Flow		ОП	L TES	T = E	Flow !	l Pump		•		
SHUT-IN PRE	SSURE	Surface	e	psi	Botto	om Hole_			psi	DURAT	TION O	F TES	Γ	hrs	
OPEN FLOW			Oil 5											□ Pilot	
LITHOLOGY FORMATION	DEPTH D	N FT D	BOTTOM DEPTH IN FT TVD	DEP	TH IN FT								-	NTITYAND GAS. H ₂ S. I	ETC)
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								AUG 1 8 2015							
								Office of Oil and Gas					and Gas		
										WV Dept. of Environmental Prote					
				 											
Please insert ad Drilling Contra	-	_	• •	SON, II	NC	<u> </u>					-				
Address POBC					City	SPENCE	R			_ State	<u>wv</u>	_ Zip	25276	.	
Logging Compa		COMPLETION	& PRODUCTION S	SERVICES (City	DALLAS				_ State	тх	_ Zip	75397	'-5682	
Cementing Con Address POBO	npany RO	Y G. HILI	DRETH ANI	D SON,	.INC.	SPENCE	R			_ State	wv	Zip	25276	S	
Stimulating Co.	mpany U	NIVERA	L WELL SE	RVICE	S, INC.										
Address POBO	X 200969	gac 62 5:	anliaghla		City	DALLAS				_ State	TX	_ Zip	75320)	
Please insert ad	-	_ ,	, <u>-</u>							, _,					
Completed by JON R. HILDRETH Signature Title PRESIDENT								Telephone 304-927-2130 Date 6/15/2015						-	
Submittal of Ho			Chaminal	Disele		-matica	Α.	م عمده		¢ ED ACI					

Well No. 7 Farm Lassa No. 77677 County H. Val. State Huk Bil 60 Contractor Drilling Completed 8. 34 W. 50 Elevation Rock Formation Top Bettem 69~ 797 735 1174 1204 1315 1395 1628 Oil DR 2593 26,6 Total Capital NOT STEEL LINE MEASUREMENT. CASING RECORD Shot Date //-/-20 6-22-37 Lett in Wall Pulled Out Amount 60 25. Size ĮΣa i 7 set Sand 2589 10" 96-160 21/4. 1265 1265 2214 Packer Size Depth Set Approved by.....

, Received

47-087-25 38 AUG 18 2015

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