

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

API 47-087-02787 County ROANE District REEDY
Quad LIVERPOOL Pad Name _____ Field/Pool Name _____
Farm name MARY B. SNYDER Well Number JOHN STANLEY #3
Operator (as registered with the OOG) KRAKROW, INC.
Address P. O. BOX 1007 City SPENCER State WV Zip 25276

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 694,303 Easting 1,826,306
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1071' 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)
CLA STA, SOAP

Date permit issued 8/10/12 Date drilling commenced re-work 5/19/14 Date drilling ceased 6/5/14
Date completion activities began 7/24/14 Date completion activities ceased 11/11/14
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug APR 03 2015

Freshwater depth(s) ft PITTSBURG SAND 788' - 895' Open mine(s) (Y/N) depths NO
Salt water depth(s) ft SALT SAND 1948' - 2220' Void(s) encountered (Y/N) depths NO
Coal depth(s) ft NONE Cavern(s) encountered (Y/N) depths NO
Is coal being mined in area (Y/N) NO

Reviewed by:

A.C. 5/26/15

* NOTE: PIT FROM JOHN STANLEY #2 WAS SENT TO JOHN STANLEY (API # 087-02786R) 06/12/2015

W.S. 6/10/15

API 47-087 - 02787 Farm name MARY B. SNYDER Well number JOHN STANLEY #3

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 7/8"	7"	2286'	EXISTING	20#		NO, SHOE
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	6 3/8"	4 1/2"	2677.8	NEW	11.6#		NO, 1857' TOP OF CEMENT est
Tubing							
Packer type and depth set		6 5/8 X 8 1/4 BH PACKER ON 6 5/8 CSG @ 2,286' 6"					

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							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	A/I	80	15.0	1.23	98.4	1857 est	
Tubing							

Drillers TD (ft) 2690' Loggers TD (ft) 2648'
 Deepest formation penetrated BEREA Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) N/A

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 4 1/2" - 2266', 2390'

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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PRODUCING FORMATION(S)	DEPTHS	
<u>BEREA</u>	<u>2,666.5</u> TVD	<u>2,683</u> 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
 SHOW mcfpd SHOW 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 ₂ S, ETC)
	0		0		
1ST PGH	788	895			
WATER	815				
WATER BAILERS	840				
LITTER DUNKARD	1240	1290			
BIG DUNKARD	1328	1490			
WATER BAILERS	1462				
SALT SAND	1948	2220			
WATER HOLE FULL	2240				
BIG LIME	2220	2235			
INJUN SAND	2235	2246			
SLATE & SHALE	2246	2666			
BEREA SAND	2666	2683			
BLUE LIME	2683	2690			

Please insert additional pages as applicable.

Drilling Contractor ROY G. HILDRETH AND SON, INC.
 Address P O BOX 1007 City SPENCER State WV Zip 25276

Logging Company NABORS COMPLETION & PRODUCTION SERVICES, INC. (BOND & OPEN HOLE)
 Address P O BOX 975682 City DALLAS State TX Zip 75397-5682

Cementing Company SUPERIOR WELL SERVICE P O BX 975682 DALLAS TX
 Address ROY G. HILDRETH & SON, INC. City _____ State _____ Zip _____

Stimulating Company UNIVERSAL WELL SERVICES, INC.
 Address P O BOX 200969 City DALLAS State TX Zip 75320

Please insert additional pages as applicable.

Completed by JON R. HILDRETH Telephone 304-927-2130 **Received Office of Oil & Gas**
 Signature *Jon R. Hildreth* Title PRESIDENT Date 3/7/15 **APR 03 2015**

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

06/12/2015

John & H. B. Stanley
 No. 74686 Rudy District Round County W. Va. Farm 59 Acres State
 Contractor Hech Oil Co. Contractor
 Drilling Commenced 3-8-1923 Drilling Completed 5-2-1923.
 N. S. 36 E. W. 50 Elevation Floor - 1068

Stanley
 # 3

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
1 st Pgh.	788	895		
Water	815			
Water, 6 Barrels	840			
Little Lumber	1240	1290		
Big Lumber	1328	1490		
Water, 7 Barrels	1467			
Soft Sand	1948	2220		
Water, 7 Barrels	2040			
Big Lumber	2220	2235		
Big Lumber	2235	2246		
Break	2246	2248		
Slaty & Shells	2248	2650		
Brown Shale	2650	2666 ⁺		
Brown	2666 ⁺	2683	2666 ⁺	
Oil & Gas	2668	2681		
Blue Lumber	2683	2690		
Total Depth		2690		

TD
 2680

Purchased from the Hech Oil Co on 11-14-25

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.						
Put in Well		Pulled Out		Left in Well		Shot Date
Size	Feet	In	Feet	In	Feet	In
10"	1028		1028			2-25-24
8 1/4"	1331		1331			17-10-36
6 7/8"	2286	6				30 gts.
						50 gts.
						Sand 2670-2681
						2670-2679
						Result Fair
						Packer Size
						Depth Set

Production First 24 Hours Bbla. Gas Test

Approved by Superintendent

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