



Energy services, L.P.

PG. # 1 OF # 2 BOTTOM STAGE

TREATMENT REPORT

Customer: NOUVOIL GAS INC. Lease No. _____ Date: 4-5-2012
 Lease: STICE Well # 8
 Field Order # 05194 Station PRATT, KS. Casing 5 1/2" Depth _____ County ROOKS State KS.
 Type Job CNW-5 1/2" 2-STAGE Formation TD-3463' Legal Description 28-8-19

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<u>5 1/2" x 15.5"</u>			<u>CMT-</u>	<u>175 SKS A-CON</u>				
Depth	Depth	From	To	Pre Pad	Max			
<u>3458'</u>				<u>@ 2.12 CUFT</u>	<u>51=42'</u>			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
<u>22 BBL</u>				<u>175 SKS. 60/40 RZ</u>				15 Min.
Max Press	Max Press	From	To	Frac	Avg			
<u>1500</u>				<u>@ 1.41 CUFT³</u>				
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
<u>1.1C</u>								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
<u>3116'</u>				<u>4H₂O/38MUD</u>	<u>21 BBL</u>			

Customer Representative: KURT Station Manager: D. SCOTT Treater: K. LESLEY

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00 PM					ON LOCATION - SAFETY MEETING
10:30 PM					RUN 5 1/2" x 15.5" CSG.
					TURBO. - 2, 12, 42, 46, 48, 49
					BASK - 11, 41
12:00 AM					DV TOOL - #47 (1,941')
12:05 AM					CSG. ON BOTTOM
1:15 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
2:15 AM	300		12	6	SET PACKER SHOE
2:16 AM	300		5	6	MUD FLUSH
2:27 AM	250		66	6	H ₂ O SPACER
2:34 AM	200		44	6	MIX 175 SKS. A-CON @ 12.6 PPG
2:40 AM					MIX 175 SKS. @ 14.3 PPG
2:45 AM	0		0	7	CLEAR PUMP & LINE / DROP L.D. PLUG
2:52 AM	300		44	6	START DISPLACEMENT - H ₂ O
2:54 AM	500		50	5	SWITCH TO MUD
2:58 AM	700		70	4	LIFT PRESSURE
3:00 AM	1500		81	4	SLOW RATE
3:15 AM	800				PLUG DOWN - HELD
3:30 AM					DROP D.V. OPEN PLUG
					OPEN D.V. TOOL
					CIRC. W/ RIG PUMP

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