

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer	H & D EXPLORATION	Lease No.			Date	10-4-13	
Lease	Nichols	Well #	A-1		County	Stafford	
Field Order #	8194	Station	Pratt		Depth		
Type Job	CNW 8 5/8	Formation			Legal Description	22-25-12	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
8 5/8				Pre Pad	Max			5 Min.
Depth	Depth	From	To	Pad	Min			10 Min.
Volume	Volume	From	To	Frac	Avg			15 Min.
Max Press	Max Press	From	To		HHP Used			Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume			Total Load

Customer Representative		Station Manager		Treater	
Service Units	27463	70959	19918	28443	
Driver Names	SCOTT	DALE		JOE	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00					ON LOC / safety meeting
					STILL Drilling
10:30					START Running csq
					Run 16 JTS of 8 5/8 csq 23"
<del>11:35</del>					BASKET 14
11:55					csq. ON BOTTOM / Breaks Circ with Big
12:15					Hooks up TO PUMP TO START JOB
	100		5	5	H2O SPacer
	100		84	5	mix 190 SK of A-con at 12"
	150		41	5	mix 190 SK of common @ 15.6"
	0		0	0	Shut Down / Release Plug
			0	5	START H2O DisP
	200		10	5	ceMENT TO surface
13:00	300		40.5	0	Plug Down
					Circ 30 BBL cement TO Pit
					JOB COMPLETE
					Thank you
					JOE

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Customer	H+D EXPLORATIONS INC	Lease No.		Date	10-13-13
Lease	Nichols	Well #	A-1		
Field Order #	4216	Station	Pratt	Casing	5 1/2
				Depth	4260
Type Job	GNW LS	Formation		County	STAFFORD
				State	KS
				Legal Description	22-25-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	5 1/2	Tubing Size		Acid	200 60/40 P02	RATE	PRESS
Depth	4260	Shots/Ft		Pre Pad	18% SAH	Max	ISIP
Volume	101.3	From	To	Pad		Min	5 Min. 8150 psi
Max Press	1500	From	To	Frac		Avg	15 Min.
Well Connection	P2	Annulus Vol.				HHP Used	Annulus Pressure
Plug Depth		Packer Depth		Flush		Gas Volume	Total Load

Customer Representative	Gerald	Station Manager	Kevin Goldroy	Treater	MIKE MARRAS
Service Units	37586	27463	19903	73768	
Driver Names	MARRAS	Young	PERSON		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00 AM					ON location / safety meeting
3:40					RUN CSNG 5 1/2
					TUBING ON #1, 2, 5, 6, 7, 8, 9, 10
					BASKET ON #2, 8 AIN
5:30					CSNG ON BOTTOM
5:40					HOOK UP TO CSNG / BREAK CIRC W RIG
					CIRCULATE FOR 1 HOUR
6:48	200		20	6	PUMP 20 BBLs KCL H2O
6:49	200		12	6	PUMP 12 BBLs MUD FLUSH
6:51	200		3	6	PUMP 3 BBL H2O
6:52	300		43	6	MIX 200 SK, 60/40 P02 @ 18.3
7:03					WASH PUMP + LINE, DROP PLUG
7:08	200			6	START DISPLACEMENT
7:23	500		90	4	SLOW RATE
7:26	800		100		PLUG DOWN
	1500				PSG TO 1500, RELEASED, HOLD
7:30			7		PLUG RAT HOLE
					<del>200</del> CIRC. TRM JOB
					JOB COMPLETE
					THANK YOU
					MIKE MARRAS