

BASIC

energy services, L.P.

TREATMENT REPORT

Customer SENECA Resources	Lease No.	Date 01-18-14
Lease Block 3	Well # 1-H Pilot	
Field Order # 9782	Station PRATT KS	Casing 1 3/8
Type Job CNW 13 3/8 conductor	Depth 348'	County PRATT KS
	Formation	Legal Description 3-16-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	SIP	
1 3/8				Pre Pad			5 Min.	
Depth 348'	Depth	From	To	Pad	Max		10 Min.	
Volume 50	Volume	From	To	Frac	Min		15 Min.	
Max Press. 500	Max Press	From	To		Avg		Annulus Pressure	
Well Connection SWAP	Annulus Vol.	From	To	Flush	HHP Used		Total Load	
Plug Depth 338	Packer Depth	From	To		Gas Volume			

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Lillard
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Service Units	27700	33708	20920	20959	19918				
Driver Names	Sullivan	GRAVES	Phy						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					on the soft mat
					Run 13 3/8 csg.
12:40					CASING ON BOTTOM
12:50					hook up circ circ
1:40			58	4.5	St mixing 200 sk A serv. life 6% pd 3% cc
			42		1/4 sk cutback. 7/8 sk 1.64 gal/ck 8.24 13 pp
					mix Tail 300 sk Command cont 2% cc 1/4 cc
					7/8 sk 1.20 gal/ck 5.23 15.5 pp
				4	cont max in START Disp
2:30	300		52		Play down
					circ 25 min cont disp
					Job - complete
					THANKY

Customer Seneca Resources Corp.	Lease No.	Date 1-21-14
Lease Box 4	Well # 3-1H Pilot	
Field Order # 9845	Station Pratt, Kansas	Casing # A 78 36lb
Type Job C.N.W. - Surface	Formation	Depth 3616
		County Pratt
		State Kansas
		Legal Description 3-265-21W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 1 7/8 36lb/ft.	Tubing Size	Shots/Ft 350		Rate 38	Press Calcium Chloride	ISIP 25	Min 5	Max 15
Depth	Depth	From	To 11.6L	Rate 6.7	Press Gal., 16.75	ISIP Gal./stk.	Min 2.77	Max 5
Volume	Volume	From	To	Rate 350	Press sacks common cement with	ISIP 25	Min 10	Max 15
Max Press	Max Press	From	To	Rate 38	Press Calcium Chloride	ISIP 25	Min 5	Max 15
Well Connection Plug Container	Annulus Vol.	From	To	Rate 145	Press Bbl. Fresh Water	ISIP 5	Min 15	Max 15
Plug Depth	Packer Depth	From	To	Rate 145	Press Bbl. Fresh Water	ISIP 5	Min 15	Max 15

Customer Representative Kevin Gordley	Station Manager Kevin Gordley	Treater Clarence R. Messick
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Service Units	37,216	77,686	19,905	19,826	73,768	19,959	19,960	19,907
Driver Names	Messick	Mc Graw	Young	Eggers	KG			

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:45					Trucks on location and hold safety meeting.
1:20	2000				Casing in well and circulate for 30 minutes.
					Shut in well. Pressure Test. Open well.
					Start Fresh water Pre-Flush.
1:25	290		173	7	Start mixing 350 sacks A-con Blend cement.
	200		74	6 1/2	Start mixing 350 sacks common cement.
			247		Stop pumping. Shut in well. Release Top Rubber Plug. Open well.
	0		0	6 1/2	Start Fresh water Displacement.
2:45	1000		145	4	Plug down.
					Pressure up.
					Release pressure. Float shoe HEAD
					Wash up pump truck.
					Job Complete.
					Thank You.
					Clarence, Mike, Steve, Pat, KEVIN
					CIRCULATE 40 Hrs. CEMENT TO SET
3:30					JOB COMPLETE - KEVIN

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TREATMENT REPORT

Customer Seneca Research Corp	Lease No.	Date 1-28-14
Lease Bock	Well # 3-114 PILOT	
Field Order # 4902	Station PIATT	Casing 7
		Depth 4490
Type Job C/W 7" LS	Formation	County PIATT
		State KS
		Legal Description 3-26-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth 4490	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 111.97	Volume	From	To	Pad	Min		-10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4449.32	Packer Depth	From	To	Flush 170.5	Gas Volume		Total Load	

Customer Representative: Rod Mills Station Manager: Kevin Goinley Treater: Mike Mattai

Service Units	37586	27463	19831	19862				
Driver Names	MATTAI	Kumar	Pickson					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:20 AM					ON LOCATION / Safety meeting
10:10					Pump 3 Bbls CSAG on location
10:40					Hook up w cs, w swd. Break circ w key
12:30					Hook up w CSAG w Head + manifold
1:03	200		3	4	Pump 3 Bbl H2O
1:04	300		12	4	Pump 12 Bbl M41/F1459
1:07	200		5	4	Pump 5 Bbl H2O
1:09	400		82	5.5	mix 82 Bbl AA2 cont (340 sacks)
1:28					Release plug
1:30	150			5	Start displacement
1:45	400		70	5	Let pressure
2:05	1150		150	3	slow rate
2:12	1350		170		Plug down, release + hold

Call them Job
JOB COMPLETE
THANK YOU
MIKE MATTAI

Customer	SPECTRA RESOURCES CORP		Lease No			Date	2-10-14	
Lease	ROCK		Well #	3-14				
Field Order #	Station	Casing	Depth	County	State			
4882	PRATT, KS	4 1/2	8545	PRATT	KS			
Type Job	C.N.W. - LINER		Formation	TD-8860'		Legal Description	3-26-11	

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

Customer Representative	ROD		Station Manager	KEVIN		Trailer	CORALEY	
Service Units	19907	78982-78983	19820-19860					
Driver Names	JAG - JESSE		JIA	PAT - HANBY				

Time	Casing Pressure	Tubing Pressure	Bbls Pumped	Rate	Service Log
1400					ON LOCATION 2/9/14
1800					LINER WONT GO - RELEASED
2300					ON LOCATION 2/9/14
					LINER STOP - 8545' - 4636 4 1/2 13.5"
					LINER HANGUP - 3909'
					3299' - 4" I.D.P. 616' - 4" D.CORR
					BREAK CEMENT W/ H ₂ O
0030	300		0	4	DROP BALL - PUMP DOWN
0100	300		120	1	SET BALL - 3600 PSI DRAWN
					SET LINER TOOLS - BREAK
0130	500		12	5	PUMP 12 bbl MUD FLUSH
	500		5	5	PUMP 5 W/ H ₂ O SPACER
0205	300		88	5	PUMP 400SK H' 10% SPT, 3/4% CER 1/4' DEFON, 1/10% WCA -
					STOP - WASH LINE - DROP PLUG
	0		0	5	START DESP W/ 2% HCL & SUCRA
	600		30	3	SLOW RATE
	100		40	5	SPEED UP RATE
	1200		100	3	SLOW RATE
0230	2000		108	3	PLUG DOWN - HOLD
					SET PACKER & PULL OFF LINER
0300			150	5	CIRCULATE WELL CLEAN