

Customer OSAGE Resources LLC	Lease No.	Date 9-20-13
Lease OSAGE 3313	Well # 18-06HC	
Field Order # 8775	Station Pratt	Casing 13 7/8
Type Job CNW S.P.	Formation	Depth
		County BAIBER
		State KS
		Legal Description 18-33-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
13 7/8				CMF 250 SWS COMMON	28 CC	1/4 CC		
Depth 20798	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 32.65	Volume	From	To	Pad	Min		10 Min.	
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection 2V	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 14798	Packer Depth	From	To	Flush 31.08	Gas Volume		Total Load	

Customer Representative JEFF DAIR	Station Manager Kevin Goidley	Treater MIKE MATTAI
Service Units 37586	27463	70959 19918
Driver Names MATTAI	YOUNG	GRAVES

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:15 AM					ON LOCATION / SAFETY MEETING
2:45					RUN CSNG
3:25					CSNG ON BOTTOM
3:35					HOOK UP TO CSNG / BREAK CIRC W. RIG
4:00			5	5	PUMP 5 BBL H <sub>2</sub> O
4:05	250		55	5	MIX 250 SWS CMF
4:15	150			5	START DISPLACEMENT
4:22	300		25	4	SLOW RATE
4:25	300		31	—	PLUG DOWN
					CIRC. TRIM JOB
					15 BBL'S SLURRY TO PIT
					JOB COMPLETE
					THANK YOU
					MIKE MATTAI

**RECEIVED**  
SEP 26 2013

OCT 09 2013

Customer Osage Resources LLC	Lease No.	Date 10-2-13
Lease Osage 3313	Well # 18-064c	
Field Order # 9207	Station Pratt	Casing 7"
		Depth 5388.86
Type Job CNW INT	Formation	County Baird
		State KS
		Legal Description 18-33-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7	Tubing Size	Shots/Ft		Acid 150 AA2 .25%	RATE	PRESS	ISIP	
Depth 5388.86	Depth	From	To	Pre Pad .37% FIA .32%	Max 1/4 #cc	1070 GAIT	.57% CFR	
Volume 209.4	Volume	From	To	Pad	Min			5 Min.
Max Press 1000	Max Press	From	To	Frac	Avg			10 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			15 Min.
Plug Depth 5344.32	Packer Depth	From	To	Flush 207	Gas Volume			Annulus Pressure
								Total Load

Customer Representative JEFF	Station Manager KEVIN GUIDLEY	Treater MIKE MATTAI
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Service Units	37900	33708	20920	19831	19862				50
Driver Names	MATTAI	YOUNG		PIERSON					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:15 AM					ON LOCATION / SAFETY MEETING
8:05					RUNNING 7" CSAG, JOINT 7 HIT AND WOULD NOT GO IN. PULL CSAG
9:05					DRILL PIPE IN HOLE
10:30					CHASING WALL CASE, DECIDED TO CHASE IT TO BOTTOM
7:45 AM					RUN 125 JTS 7" 26# CSAG
1:30					CSAG ON BOTTOM RIG DOWN CSAG CREW RIG UP CMT CREW
2:30	250		12	5	PUMP 12 BBL MUD FLUSH
2:32	250		5	5	PUMP 5 BBL WATER
2:34	250		38	5	MIX 150 SKS AA2 CMT
2:44					RELEASE PLUG, START DISPLACEMENT
2:45	50			6	6 BPM @ 50 PSI
3:07	100		120	6	6 BPM @ 100 PSI
3:16	200		160	6	6 BPM @ 200 PSI
3:12	350		180	5	5 BPM @ 350 PSI
3:16	400		190	3	SLOW RATE TO 3 BPM @ 400 PSI
3:25	700		207		PLUG DOWN
3:25	900				PRESSURED TO 900 PSI, RELEASED, PLUG HEAR
					T.O.C. 4388' JOB COMPLETE
					THANK YOU MIKE MATTAI

Customer OSAGE Resources LLC	Lease No.	Date 10-11-13
Lease OSAGE 3313	Well # 18-06 HC	
Field Order # 9213	Station Pratt	Casing 4 1/2
		Depth
Type Job Cnw Liner	Formation	County Baird
		State KS
		Legal Description 18-33-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 465 50/300 2 H RATE	PRESS 28, 301, 250	ISIP	
Depth 9765	Depth	From	To	Pre Pad 10% SAIT .75%	Max KIK-722	5 Min. 2% WCM	
Volume	Volume	From	To	Pad	Min	10 Min.	
Max Press	Max Press	From	To	Frac	Avg	15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used	Annulus Pressure	
Plug Depth 9757.67	Packer Depth	From	To	Flush	Gas Volume	Total Load	

Customer Representative Jeff Dale	Station Manager Kevin Goldley	Treater Mike Mattai
Service Units 37586	27463	19903 73768
Driver Names Mattai	Maigner	Muskai
		Baird

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30 PM					ON LOCATION / SAKREY MEETING
12:45 AM					ON HURON, circ white assys up
3:00					Pressure test 4000 PSI, hold
3:03	700		12	3	Pump 12 BBI mud flush
	3,200		5	3	Ball went through
3:07	500		5	3	Pump 5 BBI H2O
3:10					Mix 465 SKS cmf
3:25	400		30	3	3 BPM @ 400 PSI
3:30	200		44	3	3 BPM @ 200 PSI
3:40	200		89	3.5	3.5 BPM @ 200 PSI
3:50					WASH pump + line
3:55	100			3	START DISPLACEMENT
4:00	200		10	3	3 BPM @ 200 PSI
4:02	400		16	2	2 BPM @ 400 PSI
4:09	700		35	2	2 BPM @ 700 PSI
4:14	1200		42		LWD went through @ 1200 PSI
4:34			110	1	slow to 1 BPM
4:42	1000		120	1	plug down, released, flowed back
4:45	1500				Burst disk, pumped out bottom of shoe
4:46			10		Pump 10 BBI H2O
4:55					released D.P. from liner
	1000			5	Pumped <del>to</del> 175 H2O, NO CMF return

