

Customer CASTELL - SPL0070	Lease No.	Date 08-08-14
Lease GALLUP RANCH	Well # 1-13	
Field Order # 10873	Station PRATT KS	Casing D.P
Type Job CNW P.T.A	Formation	Depth 4860'
		County KIOWA
		State KS
		Legal Description 13-30-16

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	Station Manager DAVE SCOTT	Treater Robert Sullivan
Service Units 37900 77686 19905 19831 19862		
Driver Names Gallup mcgraw Cobbe		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
9:00					on loc P.T.A.
					Bottom Plug @ 4860' w/50 sk
10:50			10	3.5	SPACER
/			10		cmf
/			10		SPACER
11:10			60		MUD
				3	Plug 690' w/50 sk
2:00			5		SPACER
/			10		cmf
/			5		SPACER
2:10			5		MUD
					plug 390' w/100 sk
2:30			5	3	SPACER
/			20		cmf
2:40			1		D.P
5:10			8	1	TOP 60' w/40 sk
/			7		plug 24' w/30 sk
5:30			5	1.5	plug 114' w/20'
					503 Complete