

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Palliat Energy, LLC	Lease No.	Date 4-13-16
Lease Pulliam o.w.o.	Well # 1	
Field Order # 13483	Station Pratt, Kansas	Casing
Type Job CCS PW-Plug To Abandon	Depth	County Kingman
	Formation	State Kansas
		Legal Description 22-2CS-7W

PIPE DATA		PERFORATING DATA		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft	Cement USED	RATE	ISIP
	2 7/8"		55 sacks Common with 38 Calcium Chloride		
Depth	Depth	From	To	Max	5 Min.
		100	60/40 Poz with 4% Gel		
Volume	Volume	From	To	Min	10 Min.
Max Press	Max Press	From	To	Avg	15 Min.
Well Connection	Annulus Vol.	From	To	HHP Used	Annulus Pressure
8 9/16"					
Plug Depth	Packer Depth	From	To	Flush	Total Load
				Fresh water	

Customer Representative David Hickman	Station Manager Kevin Gordley	Treater Clarence R. Messick
Service Units 37,216	27,463	19,903
Driver Names Messick	Ernst	Shanline
19,960		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30	A.M.				Trucks on location and hold safety meeting.
8:45		300		3	1 st Plug 1,100 Feet 55 sacks common with 38 C.C.
		200	12	3	Start mixing cement.
9:00		0	14		Start Fresh water Displacement.
10:30					Stop pumping.
					Tag top of cement at 300 Feet
10:45		200		3	2 nd Plug 617 Feet 55 sacks 60/40 Poz
		100	14	3	Start mixing cement.
10:50		0	15		start Fresh water Displacement.
					stop pumping
					3 rd Plug 350 Feet 60/40 Poz
11:30			23	3	start mixing cement.
					cement circulated to surface
					stop pumping.
					Pull tubing out of well.
11:35				2	Fill casing with cement.
			25		Wash up pump truck.
12:15					Job complete.
					Thank You.
					Clarence, Shawn, Paul