



Midland Yard #1721 - Phone 432-687-1994 - P.O. Box 10451
Midland, Texas 79702

PRESSURE PUMPING Job Log

Customer:	WOOLSEY OPERATING COMPANY		Cement Pump No.:	33666		Operator TRK No.:			
Address:			Ticket #:			Bulk TRK No.:			
City, State, Zip:			Job Type:	SURFACE					
Service District:	PRATT KS		Well Type:						
Well Name and No.:	KILGORE #2		Well Location:			County:	KIOWA	State:	KANSAS
Type of Cmt	Sacks	Additives			Truck Loaded On				
60/40	350	3%ACL2+.25#C.F.			33666		Front	Back	
							Front	Back	
							Front	Back	
Lead/Tail:	Weight #1 Gal.	Yield	Water Requirements		CU. FT.	Man Hours / Personnel			
Lead:	14.8	1.21	5.18		423.5	Man Hours:	24		
Tail:						# of Men on Job:	4		
Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(PSI)		Description of Operation and Materials		
			T	C	Tubing	Casing			
12AM							ON LOCATION		
							SAFETY MEETING		
624AM	1	1				1000	TEST LINES		
626AM	3	20				180	SPACER		
630AM	3	75				160	CMT@ 14.8 PPG		
647AM							S/D DROP PLUG		
649AM	3	10				180	START DISPLACMENT		
649AM	3	37				650	BUMP PLUG		
							CIRCULATED 15BBLS 69 SXS TO SURF		
Size Hole	13 7/8	Depth	425		TYPE				
Size & Wt. Csg.	11 3/4	Depth	415	New / Used	Packer		Depth		
tbg.		Depth			Retainer		Depth		
Top Plugs	1	Type	WOODEN		Perfs		CIBP		
Customer Signature: <i>X</i>					Basic Representative:		BRANDON ALLS		
					Basic Signature:		<i>Brandon Alls</i>		
					Date of Service:		2/19/2019		

TREATMENT REPORT

Lease No. _____ Date **2-28-19**
 Lease **W. 190 re** Well # **2**
 Field Order # **17046** Station **Pratt** Casing **4 1/2** Depth **5050** County **Nowata** State **KS**
 Type Job **2-42 4 1/2" Long string** Formation _____ Legal Description **20-285-19W**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid	125 SKS AA-2	RATE	PRESS	ISIP
Depth 5050	Depth	From	To	Pre Pad	100 SKS 60/40 POZ	Wobley 1500	4% sel	5 Min.
Volume 80.5	Volume	From	To	Pad		Min		10 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 5074	Packer Depth	From	To	Flush	78.8	Gas Volume		Total Load

Customer Representative **Allen Dick** Station Manager **Westerman** Treater **MATTAL**
 Service Units **63353** **84980** **20920** **19869** **19860**
 Driver Names **MATTAL** **Marquez** **Gilley**

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:50					ON location / grey meeting
8:50					Run 4 1/2 CSNG 3300' 10.5" 1740' 11.6"
—					turbos 1,2,3,4,5,6, scrapers on 2,3,4
—					36" shoe joint
11:50					Casing on BOTTOM
12:05					HOOK TO CSNG/Break circ w. Rig
1:37	200		5	4	Pump 5 bbl water
1:39	350		13	5	Mix 50 SKS 60/40 POZ
1:42	400		33	5.5	Mix 125 SKS AA-2
1:48	—		4	4	WASH Pump + Lines / Drop Plug
1:54	200			6	START displacement
2:05	500		60	6	LIFT Pressure
2:07	600		68	3	SLOW rate, STOP Reciprocating
2:10	1500		78.8		Plug down, released + held
2:30			7.5		Plug RAT + mouse hole
					JOB complete
					THANK YOU!
					MIKE MATTAL
					EDMUND + RON