

Customer <u>Pioneer Natural Res</u>		Lease No.		Date <u>8-24-16</u>	
Lease <u>Solar Crescent</u>		Well # <u>23-20</u>			
Field Order #	Station <u>1718</u>	Casing <u>5 1/2</u>	Depth	County <u>Las Animas</u>	State <u>CO</u>
Type Job <u>PTA</u>			Formation	Legal Description <u>20-32-62</u>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid <u>Neat & Comm</u>	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad <u>13.8 pp</u>	Max		5 Min.
Volume	Volume	From	To	Pad <u>110</u>	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	<u>72 sk Neat G</u>	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <u>38 Lbs CC</u>	Gas Volume		Total Load

Customer Representative <u>Joe Herrera</u>	Station Manager <u>K Gordley</u>	Treater <u>D Scott</u>
--	----------------------------------	------------------------

Service Units <u>Vap</u>	<u>27463</u>								
Driver Names <u>Scott</u>	<u>D</u>	<u>Franklin</u>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0600					Called Out
0700					On Loc Safety mtg
1225					Tag CIRP @ 2565' w/ Tbg
1300		200	3	2	Break Circ w/ H2O Good Circ
1305		200	2.4	2	Mix 12 sk's Cmt @ 15.8 ppg Tbg @ 2565'
1310		200	14.1	2	Balance & Diso Cmt
					TOH w/ Thg & next @ 690'
1430	700	7	5	2	PSI 5 1/2 Reg Holding psi
1500		100	1	2	Thg @ 690' Est Circ
1503		100	4.0	2	Mix 20 sk's Cmt @ 15.8 ppg w/ 290 CC
1505		100	2.8	2	Balance & Diso Cmt
1520	100		10	3	Lay Down 8 Jt's Tbg + Rev Out Tbg
					Released for Day Back 8-25-16
0745					Tag Plug w/ Thg @ 535' GL
0815		100	4	2	Tbg @ 60' mix 20 sk's Cmt @ 15.8 ppg
					Surface
					Cut off w. H.
					Run 50A 1/in Between 5 1/2 x 8 5/8
1100		100	4	2	Mix 20 sk's @ 15.8 ppg
					Job Complete
					Thank You Scott