

Customer Oxy USA	Lease No.	Date 12/19/10
Lease Young "J"	Well # 1	
Field Order # 1	Station Liberal	Casing 8 7/8
		Depth 1770'
Type Job PTA	Formation	County Grant
		State KS
		Legal Description 7-30-38

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 7/8	Tubing Size 4 1/2 DP	Shots/Ft		Acid 1 70 sk 60/40 P0Z	PAK PRESS 9 10 gal @ 15.5#	ISIP 1500 psi	
Depth 1770	Depth 1600	From	To	Rate 7.50 gal/sk	Max		5 Min.
Volume	Volume 22	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection DUPIN	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush fresh/mud	Gas Volume		Total Load

Customer Representative George	Station Manager Serry Bennett	Treater Chad Fine
Service Units 19484 30413 19813 33021 33016		
Driver Names Chine R. Olds J. Ortiz		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
17:21					on loc. spot trucks, software
20:50					gather notes w/ Rig crew
21:10		150	6	3	Pump H2O spacer
21:12		140	13.4	4	Pump 50sk 60/40 P0Z @ 13.5#
21:22		0	2	3	Pump H2O spacer
21:23		0	2	7	Pump mud
21:26		100	20	-	Shutdown Pull to 690'
22:24		100	6	4	Pump H2O
22:30		100	13.4	4	Pump 60/40 P0Z @ 13.5#
22:36		0	2	3	Pump H2O
22:38					Pull to 60'
23:25		0	6	3	Pump 60/40 @ 60'
23:58			8.6	2	Plug R+M 30 + 20sk
0:07					Washup
0:12					Job Complete Thank You Chad + Crew