

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>JETTA OPERATING</b>	Lease No.	Date <b>9-23-10</b>
Lease <b>Goldman Melcher Federal</b>	Well # <b>1</b>	
Field Order # <b>01020 A</b>	Station <b>Liberal, KS 1717</b>	Casing <b>8 5/8"</b> Depth <b>397.93</b> County <b>KIOWA</b> State <b>COLORADO</b>
Type Job <b>SURFACE Csg 8 5/8" 242</b>	Formation	Legal Description <b>6-18-52</b>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8"							
Depth 397.93	Depth	From	To	Pre Pad	Max 4	650	5 Min.
Volume 22.6	Volume	From	To	Pad	Min .5	0	10 Min.
Max Press 1370	Max Press	From	To	Frac	Avg	100	15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 355.27	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <b>Jim Thompson</b>	Station Manager <b>JERRI BENNETT</b>	Treater <b>Carlos Lopez</b>
Service Units <b>27462 14354 19578 19902</b>		
Driver Names <b>R. COX Santiago Chavez C. Lopez</b>		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
8:45 AM					ARRIVED TO LOCATION
8:55 AM					RIG UP TRUCKS & IRON
11:41 AM					STAB CMT HEAD & CIRC WELL
12:04 PM	2000 PSI				TEST LINES
12:10 PM			10	3	Pump H <sub>2</sub> O Ahead
12:17 PM	150		59.7	4	250 SKS PP CMT @ 14.8# - 1.34 ft/sk - 6.33 30/sk
					W/ 2% CC - 1/4" Polyflake
12:31 PM					SHUT DOWN TO DROP TOP PLUG
12:34 PM	100		22.6	4	BEGIN H <sub>2</sub> O DISPLACEMENT
12:41 PM	150		12.6	1.5	SLOW RATE DOWN TO BUMP PLUG LAST 10 bbls disp.
12:47 PM	650		22.6	1.5	Pump Plug + 500" OVER
12:50 PM					Release Pressure & Float Held
12:55 PM					Waiting to Tag CMT after 1 Hour
2:00 PM					Tagged CMT 35' BELOW RIG FLOOR
Am 12:17					Rigged up Iron to Well Connection BOP
Am 4:38	1000				Put Pressure on BOP - Held Press for 15 min.
Am 4:49					Release Pressure back to Truck
Am 5:26					Hooked up to Top out CMT w/ 1"
Am 5:55			19		Pumped 19 bbls/starry P.R. w/ 2% CC
Am 6:15					Washed up to Pit