



Date: 13-Oct-16

Well Name: WP-D005-1		Location: SEC 31 - T12N - R52W		Customer Rep: GARY OHLMAN		Field Order #: 85070	
Stage:		Formation:		Treat Via: TUBING		Allowable Pressure Tbg Csg: 4,000	
County: LOGAN		State: CO		Well Age: REWORK		PackerDepth: 5,061 Csg Size: 4.5	
Type Of Service: SLICKWATER FRAC				Csg Depth:		Tbg Size:	
Customer Name: EAST CHEYENNE GAS STORAGE				Tbg Depth:		Liner Size:	
Address:				Liner Depth:		Liner Top:	
				Liner Bot:		Total Depth:	
Remarks: SAFETY MEETING/PRESSURE TEST @ 5000 WELL OPEN @ 0 BREAK @ ISIP @ 1050 FG @ .64 5 @ 200 10 @ VAC				Open Hole:		Csg Vol:	
				BHT:			
				Perf Depths: 5160		Perfs: 0	
				TotalPerfs: 0			

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
13:55			255	22	SAFETY MEETING	0	0	0.0
13:55			218	22	PRESSURE TEST @ 5000	0	0	0.0
14:01	1.9		687	679	PRESSURE ANNULUS	0	0	0.0
14:02			-8	720	OPEN WELL @ 0	0	0	0.0
14:03	0.6		-8	710	LOADED @ 10BBLs	0	0	0.0
14:04			-8	701	START PUMPING	0	2,142	51.0
14:07	15.2		1205	644	START PAD	0	504	12.0
14:09	22.3		1188	531	START .5#HOLD 20/40	315	350	15.0
14:10	22.3		1066	493	START 1#HOLD 20/40	504	504	12.0
14:10	22.3		1022	466	START 2#HOLD 20/40	1,008	504	12.0
14:11	22.2		915	456	START 3#HOLD 20/40	2,268	756	18.0
14:12	22.3		783	437	START 4#HOLD 20/40	15,325	3,780	90.0
14:17	22.4		801	408	START FLUSH	0	3,570	85.0
14:21	1.7		1028	380	ISIP @ 1050	0	0	0.0
14:26			191		5MIN @ 200	0	0	0.0
14:31			10		10MIN @ VAC	0	0	0.0
<b>Total:</b>						19,420	12,110	295.0

**Summary**

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
22.4	15.7	5,131	807

Customer Acknowledgement:	Service Rating: <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	Treater: JEREMIE TETER	<b>PRODUCTS USED</b>
			CL-57, MCELL, FR-5, GB-3 FLUID PROVIDED BY CUSTOMER