



Date: 13-Oct-16

Well Name:	Location:	Customer Rep:	Field Order #
WP-D005-1	SEC 31 - T12N - R52W	GARY OHLMAN	85070
Stage:	Formation:	Treat Via:	Allowable Pressure Tbg Csg Well Type:
		TUBING	4,000 GAS
County:	State:	Well Age:	PackerType: PackerDepth: Csg Size:
LOGAN	CO	REWORK	5,061 4.5
Type Of Service:	SLICKWATER FRAC		Csg Depth: Tbg Size: Tbg Depth: Liner Size:
Customer Name:	EAST CHEYENNE GAS STORAGE		Liner Depth: Liner Top: Liner Bot: Total Depth:
Address:			Open Hole: Csg Vol: BHT:
Remarks:	SAFETY MEETING/PRESSURE TEST @ 5000 WELL OPEN @ 0 BREAK @ ISIP @ 1050 FG @ .64 5 @ 200 10 @ VAC		Perf Depths: Perfs: TotalPerfs: 5160 0 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
Total:						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:	Treater:	PRODUCTS USED
	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	JEREMIE TETER	CL-57, MCELL, FR-5, GB-3 FLUID PROVIDED BY CUSTOMER