

# STIMULATION TREATMENT REPORT



Date 12-JAN-04 District Brighton F.Receipt 225124313 Customer Prima Oil & Gas  
 Lease LATHAM 3-1 Well Name LATHAM 3-1  
 Field Wattenberg Location NESW Sec 3-T4N-R65W  
 County Weld State Colorado Stage No 1 Well API - API 05123119530000

WELL DATA		Well Type:	Well Class:		Depth TD/PB:		Formation:	
Geometry Type	Tubular Type	OD	Weight	ID	Grade	Top	Bottom	Perf Intervals
TUBULAR	CSG	4.5	11.6	4		0	7500	Top Bottom SPF Diameter
TUBULAR	TBG	2.875	6.5	2.441		0	6876	7030 7040 4 .38
TUBULAR	TBG	2.375	4.7	1.995		6876	6972	

Packer Type Retrievable Packer Depth 6972 FT

TREATMENT DATA					LIQUID PUMPED AND CAPACITIES IN BBLs.	
Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)		
PAD	Claytreat Water Pump In	2.100	Sand, White, 20/40	260,480	Tubing Cap.	40.2
PAD	Vistar 26	29,946			Casing Cap.	.9
TREATMENT FLUID	Vistar 26	63,000			Total Prop Qty: 260,480	
TREATMENT FLUID	Vistar 24	30,450				
PAD	Claytreat Water Flush	1,680			Annular Cap.	53.6
					Open Hole Cap.	0
					Fluid to Load	24
					Pad Volume	763
					Treating Fluid	2105
					Flush	41.1
					Overflush	-1.1
					Fluid to Recover	2908
Previous Treatment <u>N/A</u> Previous Production <u>N/A</u>						
Hole Loaded With <u>Vistar 26</u> Treat Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Anul. <input type="checkbox"/> Tubing & Anul. <input type="checkbox"/>						
Ball Sealers: <u>0</u> In <u>0</u> Stages Type <u></u>						
Auxiliary Materials <u>XLW-14, BF-9L, GBW-23L, INFLO-150, NE-940, CLAYTREAT-3C, CRB, GBW-5, GS-1A</u>						

## PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
08:40	8658	0	0	0	0	PRESSURE TEST
09:00	0	0	0	0	0	DISCUSS REC WITH CUST
09:10	3423	0	50	0	4.9	START CLAYTREAT PUMP IN (Break @ 2604, 3.8 BPM)
09:20	2393	0	0	50	0	SHUTDOWN ISDP
09:30	4773	0	713	50	14.4	START PAD
10:32	4638	0	245	763	14.3	START 1.0 PSA 20/40
10:49	4505	0	389	1008	14.3	START 2.0 PSA 20/40
11:15	4444	0	973	1397	14.4	START 3.0 PSA 20/40
12:23	4557	0	776	2370	14.4	START 4.0 PSA 20/40
13:16	4813	0	40	3146	14.4	START FLUSH
13:20	3368	0	0	3186	0	SHUTDOWN ISDP

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.	
Minimum	4344	Treating Fluid	14.4	ISDP	3368	BJ Rep.	Shawn Elworthy
Maximum	5355	Flush	14.4	5 Min.	0	Job Number	Sheldon Kelley
Average	4516	Average	14.4	10 Min.	0	Rec. ID No.	225124313
Operators Max. Pressure 8000				15 Min.	0	Distribution	
				Final	3225 In 1 Min.		
				Flush Dens. lb./gal.	8.34		