



# STIMULATION TREATMENT REPORT

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Date 21-FEB-00 District Brighton F.Receipt 225115072 Customer Patina Oil & Gas Corporation  
 Lease UPRC 7-15G Well Name UPRC 7-15G Field WATTENBERG Location SWSE SEC.7-4N-65W  
 County Weld State Colorado Stage No 1 Well API - API 05123162610000

WELL DATA		Well Type:	OLD	Well Class:	GAS	Depth TD/PB:	7289	Formation:	CODELL
Geometry Type	Tubular Type	OD	Weight	ID	Grade	Top	Bottom	Perf Intervals	
TUBULAR	TBG	2.875	6.4	2.441		0	6785	Top	Bottom
TUBULAR	TBG	2.375	4.6	1.995		6785	7095	SPF	Diameter
TUBULAR	CSG	4.5	11.6	4		0	7289	7152	7168
								4	.34

Packer Type Arrowset 1 Packer Depth 7095 FT

## TREATMENT DATA

Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)
TREATMENT FLUID	Vistar 22/20	92442	Sand, White, 20/40	246280
PAD	Vistar 22 LHT	40740	Total Prop Qty:	246280

## LIQUID PUMPED AND CAPACITIES IN BBLS.

Tubing Cap.	40.47
Casing Cap.	.88
Annular Cap.	54.01
Open Hole Cap.	0
Fluid to Load	34
Pad Volume	970
Treating Fluid	2201
Flush	39
Overflush	- 2.4
Fluid to Recover	3209

Previous Treatment N/A Previous Production N/A

Hole Loaded With 22# Vistar Linear Treat Via: Tubing ☒ Casing ☐ Anul. ☐ Tubing & Anul. ☐

Ball Sealers: 0 In 0 Stages Type

Auxiliary Materials VSP-1 5.5GPT/5GPT/XLW-14 1.1GPT/1GPT/BF-9L 1.5GPT/FLO-NE 1.5 GPT/CLAYTREAT-3C 1 GPT/G BW-23L 1 GPT/GS-1A 3PPT/ULTRA PERM CRB 1PPT/GBW-5 1PPT/ 2PPT/4PPT.

## PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLS. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
08:45	0	0	0	0	0	PRESSURE TEST ALL B.J. LINES
09:05	54	300	971	0	14.3	START PAD
09:22	4784	353	0	153	0	SHUT DOWN ISDP-2135
09:27	1159	376	0	153	14.3	RESUME PAD
10:25	4465	373	254	971	14.3	START 1PPG 20/40
10:43	4374	163	751	1225	14.3	START 2PPG 20/40
11:36	4442	155	1148	1976	14.3	START 3PPG 20/40
12:57	4806	487	308	3124	14.2	START 4PPG 20/40
13:18	5071	384	39	3432	14.1	START FLUSH
13:22	5381	361	0	3471	0	SHUT DOWN ISDP-3752

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.
Minimum	4154	Treating Fluid	14.3	ISDP	3752	Mr. Pat Hogelin
Maximum	5426	Flush	14.1	5 Min.	0	BJ Rep. David Archuleta
Average	4571	Average	14.3	10 Min.	0	Job Number 225115072
Operators Max. Pressure				15 Min.	0	Rec. ID No. 179951812 A
7500				Final	3531 In 1 Min.	Distribution <u>PATINA OIL &amp; GAS</u>
				Flush Dens. lb./gal.	8.34	