

STIMULATION TREATMENT REPORT



Date 16-MAR-01 District Brighton F.Receipt 225117382 Customer Patina Oil & Gas Corporation
 Lease DIETRICH 6-16 Well Name DIETRICH 6-16
 Field Wattenberg Location SESE S6-T4N-R64W
 County Weld State Colorado Stage No 1 Well API - API 05123174480000

WELL DATA		Well Type:	Well Class:		Depth TD/PB:		Formation:	
Geometry Type	Tubular Type	OD	Weight	ID	Grade	Top	Bottom	CODELL
TUBULAR	CSG	3.5	7.7	3.068	N-80	0	7230	Perf Intervals
TUBULAR	TBG	2.375	4.6	1.995	N-80	0	6701	Top Bottom SPF Diameter
TUBULAR	TBG	2.063	4.5	1.613	N-80	6701	6980	7043 7056 4 .34

Packer Type TENSION / COMPRE Packer Depth 6986 FT

TREATMENT DATA

Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)
PAD	Vistar 22	41,118	Sand, White, 20/40	245,980
Total Prop Qty:				245,980

LIQUID PUMPED AND CAPACITIES IN BBLs

Tubing Cap.	26.63
Casing Cap.	.57
Annular Cap.	25.91
Open Hole Cap.	0
Fluid to Load	40
Pad Volume	979
Treating Fluid	2158
Flush	25.33
Overflush	-2
Fluid to Recover	3160

Previous Treatment N/A Previous Production N/A

Hole Loaded With VISTAR 22 LHT Treat Via: Tubing ☒ Casing ☐ Anul. ☐ Tubing & Anul. ☐

Ball Sealers: 0 In 0 Stages Type

Auxiliary Materials 1.5 XLW-14; 1 GPT BF-9L; 1.5 GPT FLO/NE; 1 GPT CLAYTREAT 3C; 1 GPT GBW-23L; 1.5 PPT G S-1A; 1 GPT BC-3; 1 PPT ULTRA PERM CRB; 1 PPT GBW-5

PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
09:08	7390	539	979	0	12.7	START PAD
10:42	7244	431	246	979	12.7	START 1 PPG 20/40
11:01	7605	431	755	1225	13.9	START 2 PPG 20/40
11:54	7549	440	1156	1980	13.9	START 3 PPG 20/40
13:18	7770	411	251	3136	13.8	START 4 PPG 20/40
13:36	7648	421	25	3387	12.5	START FLUSH
13:38	3710	172	0	3412	0	SHUT DOWN

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.	
Minimum	7038	Treating Fluid	13.2	ISDP	3710	BJ Rep.	CRAIG MILEY
Maximum	7954	Flush	12.5	5 Min.	0	Job Number	Alex J Wagner
Average	7502	Average	13.23	10 Min.	0	Rec. ID No.	225117382
Operators Max. Pressure 8000				15 Min.	0	Distribution	
				Final	0 In 0 Min.		
				Flush Dens. lb./gal.	8.34		