

The Western Company
of North America
TREATMENT REPORT

Date 3-19-81 Western District Farmington (31) F. Receipt 33504
Operator J. P. McHUGH
Lease Chaco Plant Well No. 22
Field P.C. S. Gallenas Fruitland Location 824, T26N, R12W
County San Juan State New Mexico
Slide Number 1 This Zone ☐ This Well ☒

WELL DATA: ☒ OG ☒ NG ☐ NO ☐ OO ☐ WD ☐ TW ☐ Misc ☐ Depth/DB 1249 Formation Pictured Cliffs
Size Tubing --- Tubing Perf --- Type Packer --- Set At ---
Size Casing 2 7/8 Wt. 6.6 Spt From surface To 1249 Size Lbwr --- Wt. ---
Linear Spt From --- To --- Open Hole: Size --- From --- To ---
Casing Perforations: Size .43 Holes Per Foot 1 Intervals 1172-1178; 1052-1056; 1063-1068 (15 holes)

Previous Treatment	none	Prior Production	none
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TREATMENT DATA: Pad Used: Yes ☐ No ☒ Pad Type: --
Treating Fluid Type: Oil ☐ Water ☐ Acid ☒ Misc. ☐ Foam ☐ Emulsion ☐
Treating Fluid Volume Gals: 252 Fluid Description: 15% HCl acid

Total Prop Quantity: _____ Lbs. Prop Type: Sand ☐ Beads ☐ Special ☐ None ☒
 Prop Mesh Sizes, Types and Quantities _____
 Hole loaded With _____ circulated w/15% HCl Treat Via: Tubing ☐ Casing ☒ Annul ☐ Tubing & Annul ☐
 Ball Sealers: 10 In 10 Stages of 1
 Types and Number of Pumps Used (1) Low Horse Acid Pump
 Auxiliary Materials: 252 gals. 15% HCl; 4 gal. I-15

Procedure Start 252 gals. 15% HCl acid and drop 10 ball sealers; Flush with 420 gals. fresh water; shut down

FLUID PUMPED AND CAPACITIES IN BBLs

Tubing Cap.	---
Casing Cap.	7
Annular Cap.	---
Open Hole Cap.	---
Fluid to Load	---
Ped Volume	---
Treating Fluid	6
Flush	7
Overflush	3
Total to Recover	16

Time AM/PM	Timing Pressure Psi		Barrels Fluid Pumped	Mq. Rate BPM	REMARKS—
	Tubing	Casing			
9:10	0	0	0	0	Pressure test line
9:12	2900	0	0	0	Shut down
9:13	0	0	0	1.8	Start 15% HCl and drop 10 ball sealers
9:14	0	0	6	2	All acid and ball sealers; start flush
9:17	1000	16	3.5		All flush; shut down

Treating Pressure: Min.	400	Max.	3000	Avg.	1000
Inj. Rate on Treating Fluid	3	Rate on Flush	3		
Avg. Inj. Rate	---	I.S.D.P.	200	Flush Dens. lb/gal	---
Final Shut-in Pressure	0	in	1	Minutes	
Operator's Maximum Pressure	4000				

Customer Representative Bill Donovan
Western Representative Low Make
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Job Number

602045

cc: (2) Farmington District

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DIST. 3