

The Western Company

of North America

TREATMENT REPORT

Date 9/11/76 Western District Hobbs, N. Mex. F Receipt 149885
Operator Westall & Mask
Lease Mask Jennings Well No 5
Field Shugart Location 2-19s-31e
County Eddy State New Mexico
Stage Number 2 This Zone ☒ This Well ☒

WELL DATA: OG ☐ NG ☐ NO ☒ OO ☐ WD ☐ IW ☐ Misc. ☐ Depth EXPB 3730 Formation Queens
Size Tubing 5 1/2" Tubing Perf. 0 Type Packer 4300 Set At Wt.
Size Casing 5 1/2" Wt. 9.5# Set From 0 To 4300 Size Liner Wt.
Liner Set From 0 To 4300 Open Hole Size From To 4300
Casing Perforations: Size Variable Holes Per Foot 34-22-3714 (37 Holes) Intervals (37 Holes)

Previous Treatment

Prior Production

TREATMENT DATA:

Pad Used: Yes ☒ No ☐ Pad Type Gelled Water
Treating Fluid Type: Oil ☐ Water ☒ Acid ☐ Misc. ☐ Foam ☐ Emulsion ☐
Treating Fluid Volume Gals. 40,000 Fluid Description Gelled Water

FLUID PUMPED AND CAPACITIES IN BBLs.

Tubing Cap. _____
Casing Cap. 60.5
Annular Cap. _____
Open Hole Cap. _____
Fluid to Load _____
Pad Volume _____
Treating Fluid 816
Flush 60
Overflush 10
Total to Recover 886

Total Prop Quantity 40,000 Lbs. Prop Type: Sand ☒ Beads ☐ Special ☐ None ☐
Prop Mesh Sizes: Types and Quantities 20/40
Hole Loaded With Formation Water Treat Via: Tubing ☐ Casing ☒ Annul ☐ Tubing & Annul ☐
Ball Sealers 20 In 1 Stages of 1
Types and Number of Pumps Used 2 Fracmaster's; 1 Master Mixer
Auxiliary Materials 1000# J-2; 600# Aqua Seal; 20 Gallons LT-22; 110 Gallons SP-181

Procedure Spot 250 Gallons Acid via Tubing; Pull Tubing; Frac Casing Perfs
via Casing with 40,000 Gallons Gelled Water & 40,000# 20/40 Sand

Time XX/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS— Test Lines & Safety Meeting
	Tubing	Casing			
1:30		0	0	2	Acid on Spot.
1:32		2350	48	32	Start Pad.
1:35		2250	144	33	Start 1/2# 20/40.
1:40		2000	336	34	Start 1# 20/40.
1:41		1950	365	34	Start 1.5# 20/40.
1:42		1950	375	34	1.5# 20/40 on Formation.
1:44		2000	435	34	Run 10 Ball Sealers.
1:45		2000	475	34	Balls on Formation.
1:46		2200	535	34	Run 10 Ball Sealers.
1:47		2000	560	29	Balls on Formation.
1:52		1600	816	19	Slow Pumps Down.
1:54		1600	886	19	Start Flush.
					Shut Down.

Treating Pressure: Min. 1600 Max. 2350 Avg. 1250
Inj. Rate on Treating Fluid 34 Rate on Flush 19
Avg. Inj. Rate 34 ISDP 1200 Flush Dens. lb/gal 8.7
Final Shut-in Pressure 1050 in 15 Minutes.
Operator's Maximum Pressure 3500

Customer Representative Mr. Jarrel Westall
Western Representative Paul Daniels
Distribution _____
3cc: Box 1477, Roswell, N. Mex., 88201
1cc: Hobbs District Office

Job Number

PRESSURE X 1000 PSI

45 Min. Shut-in = 1050#