Form PS-8 (Rev. 6/75)

The Western Company
of North America
TREATMENT REPORT

Date 1-22-81 Western District Farmington (31) F. Receipt 352213
Operator ~~JOHN H. HILL~~ Supron
Lease Newsom B Well No. 20
Field Blanco Pictured Cliffs Location L S5,T26N,R8W
County San Juan State New Mexico
Stage Number 1, This Zone ☐ This Well ☒

RECEIVED
FEB 9 1981
OIL CON. COM.
DIST. 3

WELL DATA: OG ☐ NG ☒ NO ☐ OO ☐ WD ☐ IW ☐ Misc. ☐ Depth ~~TD~~/PB 3024 Formation Pictured Cliffs
Size Tubing -- Tubing Perf. -- Type Packer -- Set At --
Size Casing 4½ Wt. 10.5 Set From surface To 3024 Size Liner -- Wt. --
Liner Set From -- To -- Open Hole: Size -- From -- To --
Casing Perforations: Size .34 Holes Per Foot 1 Intervals 2026, 2036, 2038, 2040, 2042, 2047, 2058, 2062, 2063, 2069, 2098, 2102, 2107 (13 holes)
Previous Treatment acidize with 500 gals. 7½% HCl Prior Production none

TREATMENT DATA: Pad Used: Yes ☒ No ☐ Pad Type 70% Quality Foam
Treating Fluid Type: Oil ☐ Water ☐ Acid ☐ Misc ☐ Foam ☒ Emulsion ☐
Treating Fluid Volume Gals. 7,644 Fluid Description 2% KCl water at 70% Quality Foam
Total Prop Quantity 36,500 Lbs. Prop Type: Sand ☒ Beads ☐ Special ☐
Prop Mesh Sizes, Types and Quantities 36,500 lbs. 10/20 sand
Hole Loaded With circulated w/2% KCl Treat Via: Tubing ☐ Casing ☒ Annul. ☐ Tubing & Anul. ☐
Ball Sealers: -- In -- Stages of --
Types and Number of Pumps Used (1) GRB 1000
Auxiliary Materials 3,500 lbs. KCl; 10 gals. X-cide; 108 gals. Foamex

FLUID PUMPED AND CAPACITIES IN BBLS.

Tubing Cap	--
Casing Cap	33.5
Annular Cap.	--
Open Hole Cap.	--
Fluid to Load	--
Pad Volume	35.7
Treating Fluid	146.3
Flush	9.7
Overflush	--
Total to Recover	191.7

Procedure Treat via casing; pump 35.7 bbls. pad; pump 32.1 bbls. @1#/gal 10/20 sand; pump 60.7 bbls. at 1½#/gal 10/20 sand; pump 53.5 bbls. at @2#/gal 10/20 sand; pump 9.7 bbl. flush; shut down; all fluid 2% KCl water at 70% Quality Foam

Time AM/~~PM~~	Treating Pressure-Psi Tubing	Treating Pressure-Psi Casing	Barrels Fluid Pumped	Inj. Rate BPM	REMARKS—
11:05	-	700	0	4.5	Start pad
11:12	-	1400	35.7	5.1	Start 10/20 sand @1#/gal; bring up rate
11:14	-	1400	43.4	5.1	10/20 sand @1#/gal on formation
11:19	-	1400	67.8	5.6	Start 10/20 sand @1½#/gal; bring up rate
11:21	-	1400	77.5	5.6	10/20 sand @1½#/gal on formation
11:35	-	1400	128.5	6.1	Start 10/20 sand @2#/gal; bring up rate
11:37	-	1400	138.2	6.1	10/20 sand @2#/gal on formation
11:47	-	1450	182	4.5	All sand; start flush; drop rate
11:49	-	1450	191.7	4.5	All flush; shut down

Treating Pressure: Min. 700 Max. 1450 Avg. 1400
Inj. Rate on Treating Fluid 4.5 6.1 Rate on Flush 4.5
Avg. Inj. Rate 5.3 I.S.D.P. 1350 Flush Dens. lb/gal .97
Final Shut-in Pressure 1100 in 15 Minutes.
Operator's Maximum Pressure 4000

Customer Representative Lee Burton
Western Representative Ken Marshall
Distribution (9) JOHN H. HILL*
17400 Dallas Pkwy
Dallas, Texas 75252
cc: (2) Farmington District

Job Number 589332

5 Min. shut in - 1200
10 Min. shut in - 1150