

The Western Company of North America TREATMENT REPORT		Date 8-20-80 Western District Farmington (31) F. Receipt 256674	
Operator JOHN H. HILL		41325	
Lease Foster		Well No. 4A	
Field Blanco Mesa Verde		Location 428N, 8W	
County San Juan		State New Mexico	
Stage Number II		This Zone This Well	
WELL DATA: OG ☐ NG ☒ NO ☐ OO ☐ WD ☐ RW ☐ Misc. ☐ Depth TD/PEX 4750 Formation Mesa Verde			
Size Tubing 2-3/8 Tubing Perf. Type Packer Baker Retrievamatic Set At 4620			
Size Casing 5.5 Wt. 15.5 Set From surface To 4750 Size Liner - Wt. -			
Liner Set From - To - Open Hole Size - From - To -			
Casing Perforations: Size 3/4 Holes Per Foot 1 Intervals 4656-4659 (4 holes); 4663-4669 (6 holes) (10 holes total)			
Previous Treatment None		Prior Production None	
TREATMENT DATA: Pad Used: Yes ☒ No ☐ Pad Type 70% Foam		FLUID PUMPED AND CAPACITIES IN BBLs.	
Treating Fluid Type: Oil ☐ Water ☐ Acid ☐ Misc. ☐ Foam ☒ Emulsion ☐		Tubing Cap. 17.8	
Treating Fluid Volume Gals 13,566		Fluid Description 70% Foam	
Total Prop Quantity 36,000 Lbs. Prop Type: Sand ☒ Beads ☐ Special ☐ None ☐			
Prop Mesh Sizes, Types and Quantities 24,000# 20/40 sand 12,000# 10/20 sand 12,000#			
Hole Loaded With 12 KCl			
Ball Seaters - in Treat Via: Tubing ☒ Casing ☐ Annul ☐ Tubing & Annul ☐			
Types and Number of Pumps Used (1) GRB 1000			
Auxiliary Materials 25 gal Foamex; 1750# KCl			
Procedure: Treat via tubing with 3000 gal pad; frac with 2400 gal with 20/40 @ 1.2#/gal; 2400 gal with 20/40 @ 1.1#/gal; shutdown; Novaco breakdown; 240 gal pad; 2400 gal with 20/40 @ 1.5#/gal; 1800 gal with 10/20 @ 2#/gal; flush with 252 gal 1% KCl			
Time AM/PM	Treating Pressure-Psi	Barrels Fluid Pumped	Inj. Rate BPM
9:20	0	0	3
9:24	4400	72	3
10:03	4400	129	3
10:22	4000	187.2	3
10:27	3700	202.2	3
10:57	1700	202.2	0
11:00	4000	211.2	3
11:04	4000	223.2	3
11:23	4100	280.8	3
11:37	4100	323	3
11:39	3800	329	3
REMARKS-Test lines to 5500#			
DISTRIBUTION			
(6) JOHN H. HILL, Suite 140 Campbell Centre, 8350 N. Central Expressway, Dallas, Tx 75206			
(2) LEON WIEDERKEHR, 7607 Brookhollow Cove, Austin, Tx 78752			
(3) SUPRON ENERGY CORP, Haskell Fleetwood Bldg 5 5th Floor, 10300 N. Central Expressway, Dallas, Tx 75206			
(2) WILLIAM MOSS/LEO PATTERSON, 3303 Lee Parkway, Dallas, Tx. 75219			
(2) J.A. HUMPHREY, 1100 1st Nat'l Bank Bldg, Dallas, Tx. 75202			
(2) LAURENCE H. AMOUR, JR., 1355 S. 1st St., Chicago, Ill 60603			
(2) THE WESTERN COMPANY, Box 186, Ft. Worth, Tx 76101 (Tom Larimore)			
(1) U.S.G.S., Box 959, Farmington, N.M. 87401			
(1) N.M. OIL & GAS COMM, 1000 Rio Brazos Rd., Aztec, N.M. 87410			
Treating Pressure: Min 1700 Max 4400 Avg 4100		Customer Representative A.D. Miller	
Inj. Rate on Treating Fluid 3 Rate on Flush 3		Western Representative Gordon Fowlkes	
Avg Inj. Rate 3 I.S.D.P. 2100 Flush Dens. 16 gal 1% KCl		Distribution SEE ABOVE	
Final Shut-in Pressure 1900 in 15 Minutes			
Operator's Maximum Pressure 5000			
Job Number 589322		cc: Farmington District	

