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Drilling and Operation Summary
Ram Ewe Federal #4

09/02/95 thru

09/08/95 Waiting on completion.
DMC \$0 TMC \$9,530
DWC \$0 CWC \$197,679

09/09/95 MI & RU plg unit & rental equipment. ND wellhead & NU BOP. Unload 71 jts (2314.60') of new 2 7/8" J55. Move 62 jts (2028.85') from the Dall Federal #2, 15 jts (492.90') from the Sheep Draw #4 & 7 jts (228.76') from the Aoudad Federal #2 to this location. Total of 155 jts. SWI & SDFN.
DMC \$0 TMC \$9,530
DWC \$14,725 CWC \$212,404

09/10/95 GIH w/4 3/4" Walker McDonald bit, 4-DC (128') & 2 7/8" tbg to 3375' (SLM). RU Davis Rev unit & drill out plugs & DV tool to 3379'. Test to 500 psi; 15 min-OK. Continue in hole to 4977'. Drl cmt to 4979' & Circ hole clean. POOH. GIH w/bit, 5 1/2" csg scraper & tbg to 3378'. Work scraper through DV tool. Continue in hole to 4500' & SDFN.
DMC \$0 TMC \$9,530
DWC \$4,235 CWC \$216,639

09/11/95 SD for Sunday.
DMC \$0 TMC \$9,530
DWC \$0 CWC \$216,639

09/12/95 SIP-0. Continue in hole to 4979'. RU Howco & pickle tbg w/100g 15% HCL. Circ hole clean w/2% KCL. Pull tbg to 4651'. Spot 250g 7 1/2% FerCheck II. POOH. RU Wedge Wireline & run CBL, CCL & GR from PBTD (4982' wireline) to 1600'. TOC @ 250'. DV tool @ 3379'. Perf Delaware @ 4638-42 (4'-9 holes) & 4645-51 (6'-25 holes). GIH w/Model "R" pkr, SN, & tbg to 4554. Pmp 6 bbls via csg to clear acid. Set pkr w/12 pts @ 4554. Test pkr to 250 psi-OK. Break dn perfs. Broke @ 1750 psi. ISIP-700 psi. Acidized w/1000g 7 1/2% FerCheck II & 50 ball sealers. All rates 3 BPM; Avg press-840; Max press-1000; Final press-910; (some ball action). ISIP-640; 5 min-585; 10 min-565. TLTR-88 bbls. RU to swab IFL-surf. FFL-SN. Rec44 bbls. BLWTR-44. Last run had trace of oil. SDFN.
DMC \$0 TMC \$9,530
DWC \$9,365 CWC \$226,004

09/13/95 SITP-60 psi. (Acid gas). SICP-0. RU swab. IFL-600'. Swab dry in 5 runs. Made hrly runs. 1st hr-FL @ 3000' (1500' entry) 10% cut; 2nd hr-FL @ 3000' (1500' Entry) 10% cut; 3rd hr-FL @ 3300' (1200' Entry) 10% cut; 4th hr-FL @ 3400' (1100' Entry) 10% cut; 5th hr-FL @ 3500' (1000' Entry) 10% cut. Rec 71 bbls (66 wtr & 5 oil). SDFN.
DMC \$0 TMC \$9,530
DWC \$1,650 CWC \$227,654

09/14/95 SITP-95 psi. (15 hrs). Bled dn (Good gas). RU swab. IFL-1100'. Made 6 runs, rec 23 bbls (3 oil & 20 wtr) (1st run had 50% cut) FFL-SN. RU Howco & frac Delaware w/23,000g 30# Borate X-link w/48,000# 16/30 Brady & 16,000# 16/30 Super LC. Well screened out w/35,000# Brady in 19,000g. All rates-10.1 BPM (before ser out) Avg Press-1150 psi (before ser out). Rev sd out of tbg. Attempt to put sd away. Could not SI & SDFN.
DMC \$0 TMC \$9,530
DWC \$22,675 CWC \$250,329