



SUMMARY REPORT
12/15/97

RAM EWE FEDERAL #2

09/06/97 Days- 8; Depth- 1650; FTG- 55; RUNNING TEMP SURVEY; Sand & Anyhydrite; DRILLING; MW- 10.0; Vis- 29; pH- 10; WL- N/C; Sand- TRACE; Solids- 1.5; Chls- 172,000; Calc- 2720; Liner- 5 1/2"; Stroke- 18; SPM- 48; Press- 750; GPM- 257; NV- 103; AVDP- 50; AVDC- 60; DEV- 1 1/2 @ 1650; Bit#- 2; SN- LJ2067; Size- 12 1/4; Mfg- STC; Type- SDS; Jets- 4-14's; In- 350; Out- 1650; Ftg- 1300; Hrs- 66 1/2; Ft/Hr- 19.5; T/B/G- 8/10/1/4; WOB- 25-30; RPM- 65; BHA(ft)- 867.96; 3 hrs-Drlg; 1 1/2 hrs-Circ; 1 hr-LD DP & DC'; 2 1/4 hrs-Down to repair hydraulic cylinder; 1 1/2 hr-LD DC; 1 1/4 hrs-ND Annular 7 set out; 1/2 hr-RU Casers; 1 hr-Run 8 5/8", 24#, STC Csg to 205'; 1/4 hr-Circ; 1 3/4 hrs-Run 8 5/8" csg, fill on run, tagged @ 1649'; 1/4 hr-RD Casers; 1/2 hr-RU Dowell; 1/4 hr-Circ-good returns; 1 1/4 hrs-Pump cement - 70 bbls thru displacement, lost return, slowed pump rate to 1 bbl per min on remaing displacement, no returns, no cement to surface; 6 hrs-WOC; 3/4 hrs-WO Temp Survey crew; 1 hr-Run Wireline Temp Survey, cement top 690'.

DMC-\$ 20. TMC-\$ 404. TDC-\$ 20,072. CWC-\$ 69,547. CMIC- KJ

09/07/97 Days- 8; Depth- 1650; FTG- 0; RIG REPAIR - SWIVEL WASH PIPE; Sand & Anhydrite; 1 1/4 hr-Run 1" pipe to 480'; 1 hr-WO 1" pipe; 1/4 hr-Run 1" pipe to 705' & tagged; 1/4 hr-RU Dowell; 1 1/4 hrs-Top out 279 sxs of "C", 1st 50 sxs w/4% Cacl followed by 229 sxs of "C" Neat, circ 43 sxs to surface, 14.8# 1.32 yield cement fell 40' below GL; 1/2 hr-LD 1" pipe; 2 1/2 hrs-WOC; 1/2 hr-Top out 1 yd ready mix w/2% Cacl, cement stood, 3 1/2 hrs-Rig repair-Oil seals in swivel; 4 hrs-Rough cut 8 5/8", dig out cellar around 13 3/8' head & cut off, final cut 8 5/8" & weld 8 5/8" head; 5 hrs-NU BOP, set blinds & rams; 1 hr-Test blind & csg to 1000 psi; tested OK; 3 hrs- Rig reapir-Wash pipe in swivel.

DMC-\$ 0. TMC-\$ 404 TDC-\$ 15,903. CWC-\$ 85,450 CMIC- KJ

09/08/97 Days- 9; Depth- 1705; FTG- 55; DRILLING; SAND/ANHYDRITE; DRILLING; MW- 9.4; Vis- 29; pH- 11; WL- NC; Solids- .5; Chls- 124,000; Calc- 2,000; Liner- 5 1/2; Stroke- 18; SPM- 48; Press- 700; GPM- 257; NV- 214; AVDP- 150; Bit#- 3; SN- WMS009045; Size- 7 7/8; Mfg- 2MS; Type- 53CHF; Jets- 3-13'S; In- 1650; Ftg- 55; Hrs- 3 1/2; Ft/Hr- 15.7; WOB- 20/45; RPM- 65; BHA(ft)- 832.36; 4 hrs-Rig repairs-swivel, boom & pumps; 3 hrs-TIH/DC's & 1 joint DP; 5 1/2 hrs-Rig repair-wash pipe will not hold psi; 1/2 hr-test pipe trams & choke-choke will not hold psi; 2 3/4 hrs-Tighten all; 1/4 hr-Test pipe rams & choke-pressure loss; 1/4 hr-Tighten thread half on manifold; 1/4 hr-Pipe rams & manifold tested to 1000# OK; 1 hr-TIH/24 jts DP; 3 hrs-Drlg cement/float/cement & shoe with meter; 3 1/2 hrs-Drlg formation.

DMC-\$ 0 TMC-\$ 404 TDC-\$ 1999 CWC-\$ 87,449 CMIC- KJ