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Drilling and Operation Summary
Pinnacle State #14

10/02/95 Day 15-Depth-6410; Prog-453; Oper-Drlg; Formation-Lime & Shale; MW-9.0; Vis-30; pH-10; WL-8; Chls-81000; Bit #3; S/N-A8521; Size 7 7/8; MFG-W Mc; Type 53CHF; Jets-13/13/14; In-2725; Out-Drlg; Ftg-3653; Hrs-152 1/4; FPH-24; WOB-40; RPM-65; BHA-727; Liner 5 1/2; Stroke-18; SPM-46; Press-950; GPM-284; NV-222; AV-267/188; Dev 1 3/4 @ 6106; Time breakdown - 5 hrs - Drlg; 1/2 hr - Service Rig; 2 3/4 hrs - Drlg; 1/2 hr- Totco (1 3/4 @ 6106) 15 1/4 hrs - Drlg.
DMC \$0 TMC \$3,975
DWC \$7,175 CWC \$162,237

10/03/95 Day 16-Depth-6456; Prog-46; Oper-Logging; Formation-Limestone ; MW-9.0+; Vis-29; pH-9; WL-8.4; Solids - 1%; Chls-88000; Bit #3; S/N-A8521; Size 7 7/8; MFG-W Mc; Type 53CHF; Jets-13/13/14; In-2725; Out-6456; Ftg-3699; Hrs-155 1/2; FPH-23.8; T/B/G - 6/5/1/8; WOB-40; RPM-65; BHA-727; Liner 5 1/2; Stroke-18; SPM-46; Press-950; GPM-284; NV-222; AV-267/188; Dev 2 @ 6456; Time breakdown - 3 1/4 hrs - Drlg; 2 hrs - Circ (TD 7 7/8" hole 9:15 am MST 10-2-95); 1/4 hr - Drop totco; 6 1/4 hrs - POOH; 12 1/4 hrs - Logging.
DMC \$1,200 TMC \$5,175
DWC \$3,320 CWC \$165,557

10/04/95 Day 17-Depth-6456; Prog-0; Oper-Rigging Dn; Formation-Bone Spring Limestone; Time Break down-1 1/2 hrs-Logging & RD loggers (Log TD @ 6456'); 7 hrs-RU & run 145 jts 5 1/2" csg; 1/2 hr-Circ; 1 1/2 hrs-Cmtg 1st stage; 1/2 hr-Drop bomb; 5 1/2 hrs-Open DV tool & circ; 1 hr-Cmtg 2nd stage; 4 hrs-ND BOP. Set slips. Cut off csg. NU wellhead & test; 2 1/2 hrs-Rigging dn. Csg Report-Ran 145 jts 5 1/2" 15.5#/ft; LT/C, K-55, 8 rd. Set @ 6456'. Ran 10 cent & 10 Turbolizers on jts #1,3,5,7,9,11,13,15,17,19,21,23,25, 27,29,31,33,34,35, & 144. Had 1-31'. Cut off left on location. Cmtg Report-1st Stage-Pmp10 bbls FW, 10 bbls CW100, 10 bbls FW, 10 bbls D75, 10 bbls wtr, 50 sxs 65/35 C/POZ w/6% gel & 1/4# sk Floceal (12.9#/g & 1.98 yield) & 325 sxs 50/50 H/POZ w/5# sk salt, 3% FLAC, 2.5#/sk B-28 (X-Pand), 1/4#/sk Celloflake & .2% Defoamer. (14.4#/g & 1.31 yd). Displ w/40 bbls FW & 113 bbls mud. Did not bmp plug. Plug dn @ 4:30 pm (MST) 10-3-95. Ck float.(Held OK). Drop opening bomb. Open DV tool & circ 100 sxs to pit. Circ for 6 hrs. 2nd Stage-Pmp 20 bbls FW, 525 sxs 65/35 C/POZ w/6% gel & 1/4# /sk Floceal. (12.9#/g & 1.98 yield). Tailed w/50 sxs Class "C" Neat. (14.8#/g & 1.32 yield). Displ w/117 bbls FW. Closed DV Tool w/1500 psi over lift. Ck tool. Closed OK. Plug dn @ 11:30 pm (MST). 10-3-95. (Estimated TOC @ 2000"). ND BOP. Set slips w/80,000#. Finish NU Wellhead. (11"-3000 x 7 1/16"-3000) Tbg head. Test head to 2000 psi. Release rig @ 3:30 am (MST) 10-4-95.
DMC \$0 TMC \$5,175
DWC \$74,355 CWC \$239,912

10/05/95 thru
10/23/95 Waiting on completion.
DMC \$0 TMC \$5,175
DWC \$0 CWC \$239,912

10/24/95 MI & RU Rental Equipment. Unload 207 jts 2 7/8" J-55 tbg. ND wellhead & NU BOP. GIH w/4 3/4" WMc bit, 4-3 1/2" DC & tbg. Collars hitting hard on csg stub. POOH w/tbg & DC. ND BOP. Bit guide not covering all of csg stub. SI & SDFN. NOTE: Will taper 5 1/2" csg stub in morning.
DMC \$0 TMC \$5,175
DWC \$1,800 CWC \$241,712