

BHP - LAPLATA DWW #1 (WATER WELL) AFE# 86-01-104 1605' FSL & 1305' FEL NE SE SECTION 23, T32N-R13W SAN JUAN COUNTY, NEW MEXICO (PTD 7500') (BHP WI 100% UTAH INTERNATIONAL TO REIMBURSE 100% OF ALL COSTS) (FR 1-17-86) SPUD DATE 1-16-86, G.L. 6002' K.B. 6014' DL# 29-0494 ARAPAHOE RIG #4 DHC: \$380,900. CC: \$407,840

2-21-86 Depth 6900' (45') Circ, condition to run csg. Drld from 6855' to 6900'. Circ. Short trip 20 stands. Circ. TOOH. Run Gearhart DIL & SP logs from 6891' to surface csg @ 327'. TIH. Cut DL. TIH. Clean out 8' fill-up. Bit #15 WOB 35,000, RPM 60, Psi 1100. Surveys: 16° @ 6785', 14-1/4° @ 6877'. MW 9.0, Vis 61, WL 4.4, PH 9.5. DFS 35. DC \$10,882. TAC \$349.183.

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2-22-86 Depth 6900' (0') Circ., WOC 2nd stage. Circ condition hole for casing. ID DP & DC. Break kelly. Change rams to 7". Ran 169 jts 7" 23# & 26# K-55 + N-80 csg. Cmt'd 1st stage w/380 sx 50-50 pozmix & cmt w/add followed by 100 sx Class "B" cmt. Circ 3-1/2 hrs. Cmt'd 2nd stage 795 sx 65-35 pozmix followed by 100 sx Class "B" cmt. Circ, WOC on 2nd stage. DFS 36. DC \$10,422. TAC \$359,605.

2-23-86 Depth 6900' (0') Drlg top stage collar @ 1961'. Circ, WOC 2nd stage. Cmt 3rd stage w/1705 sx 65-35 pozmix followed by 100 sx Class "B" cmt. PD 9:00 A.M., 2-22-86. WOC. ND BOP. Cut off 13-3/8" wellhead. NU 7" wellhead. Change 3-1/2 sq kellys. Changed pipe rams to 3-1/2". Pressure test blind rams to 1000 psi. Held OK. Pick up 12 - 4-1/2" DC + 3-1/2" IF 13.30# DP. Pressure test pipe rams to 1000 psi. Held OK. Top of cmt @ 923'. Bit #16 WOB 2,000-12,000. RPM 40-50, Psi 100-200. DFS 37. DC \$75,052. TAC \$434,653.

2-24-86 Depth 6978' (78') Drlg. Drld cmt stage collars, float collar & float shoe. Drld from 6900' to 6978'. No noticeable increase in volume. Bit # 16 WOB 14,000-18,000, RPM 55, Psi 1100. DFS 38, DC \$7466. TAC \$442, 119.

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2-25-86 Depth 7219' (241') Testing water flow. Drld from 6978' to 7082'. Worked on pump. Change rubber in rotating head. Rig repairs. Drld to 7219'. Circ hole clean. TOOH 25 stands DP to 5000'. Blew csg down. Blowing air down DP & up csg to test well. Bit #16 WOB 14,000-18,000, RPM 55, Psi 1100. DFS 39. DC \$67,578. TAC \$509,697.

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2-26-86 T.D. 7219' TOOH w/DST #2 6880'-7219'. Rec approx 80 bbl dirty water @ 5000'. Pulled up to 3000'. Failed to recover any water at this depth. TIH to bottom. No fill up. Tried to jet w/air and recovered about 80 bbl water in approx 1 hr. TOOH for DST tools. Make up Flopetrol-Johnston DST tool. TIH w/same. Run DST #2. Open reverse sub @ 6000' blow annulus down w/air. Recovered approx 90 bbl water. Opened DST tool and attempt to flow test. No recovery. Tool may have plugged. TOOH w/DST tools. DFS 40. DC \$6838. TAC \$516,535.