

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

2-15-86 Depth 6189' (0') Work stuck pipe. Circ & worked on fish. RU McCullough. Ran free point and backed off @ 6049'. TOO H. LD tools. PU new jars & BS. TIH. Circ on top of fish. Screwed in top of fish, could not circ. RU McCullough & TIH w/sinker bars and bailer. Cleaned out from 6098' to 6110'. Could not move plug any farther. Jarred on fish for 6 hrs. Could not move. MW 8.6, Vis 51, WL 3.8, PH 9.0. DFS 29. DC \$12,452. TAC \$282,996.
2-16-86 Depth 6189' (0') Reaming to bottom. Jarred on fish w/no circ. RD McCullough. Cleaned out drill collars and obtained circ. Jarred fish loose while circulating. TOO H w/fish. LD stabilizers. Magnafluxed drill collars. TIH w/new bit, junk sub and 20 6-1/8" DC's. Reamed 160' to bottom. MW 8.7, Vis 52, WL 4.0, PH 9.0. DFS 30, DC \$15,269. TAC \$299,265.
2-17-86 Depth 6405' (216') Drlg. Finished reaming to bottom. Drld from 6,189' to 6405' w/surveys. Bit #13 WOB 35,000, RPM 53, Psi 1000. Surveys: 20° @ 6163', 20° @ 6225', 20° @ 6287'. MW 8.7, Vis 46, WL 4.4, PH 9.5. DFS 31. DC \$7875. TAC \$307,140.

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2-18-86 Depth 6536' (131') Drlg. Drld from 6405' to 6455'. Trip for new bit. PU new kelly. Washed 34' to bottom. Drld to 6536'. Bit #13 WOB 35,000-40,000, RPM 54, Psi 1000. Bit #14 WOB 40, RPM 54, Psi 1200. MW 8.8, Vis 46, WL 4.4, PH 9.0. DFS 32. DC \$10,048. TAC \$317,188.

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2-19-86 Depth 6747' (211') Trip for hole in DP. Drld from 6535' to 6747'. Trip out for hole in DP. Formation Tops: Dakota 6150', Lower Dakota 6385', Morrison 6395', Expect Sand @ 6900'. Bit #14 WOB 40,000, RPM 54, Psi 1200. MW 8.8, Vis 50, WL 5.0, PH 9.5. DFS 33. DC \$8717. TAC \$325,905.

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2-20-86 Depth 6855' (108') Drlg. TOO H 14 stands. Found hole in DP @ that point. TIH. Drld from 6747' to 6810'. Trip for new bit. Dropped survey on trip. Repaired pump chain. TIH. Drld to 6855'. Bit #14 WOB 40,000, RPM 55, Psi 1200. Bit #15 WOB 40,000, RPM 55, Psi 1200. Survey: 20° @ 6785'. MW 8.9, Vis 58, WL 4.1, PH 9.0. DFS 34. DC \$12,396. TAC \$338,301.