

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
1-23-86 Depth 2320' (312') Trip for hole in DP. Drld from 2008' to 2320' w/surveys. Repair pump & trip for hole in DP @ 2320'. Tripped out 9 stands & layed down bad joint. Bit # 5 WOB 6,000-45,000, RPM 60-76, Psi 1250. Surveys: 8-1/4° @ 2032', 8-1/2° @ 2064', 9° @ 2125', 9-3/4° @ 2187', 8-1/4° @ 2210', 8-3/4° @ 2272'. DFS 6. DC \$5564. TAC \$75,734.

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1-24-86 Depth 2488' (168') Drlg. Finished trip. Drld from 2320' to 2488' w/surveys. Tripped for hole in DP @ 2426'. Found hole @ 1050' and LD bad DP. Bit #5 WOB 12,000-5,000, RPM 75, Psi 1250. Surveys: 9-3/4° @ 2303', 9-3/4° @ 2366', 10-3/4° @ 2427'. DFS 7. DC \$5437. TAC \$81,171.

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1-25-86 Depth 2694' (206') Drlg. Drld from 2488' to 2694' w/surveys. Bit #5 WOB 6,000-8,000, RPM 78, Psi 1250. Surveys: 10-3/4° @ 2459', 11° @ 2521', 11° @ 2584', 11-3/4° @ 2647'. MW 8.6, Vis 33, WL 8.2, PH 9.8. DFS 8. DC \$5957. TAC \$87,128.
1-26-86 Depth 2874' (180') Drlg. Drld from 2694' to 2760' w/surveys. Trip for bit #6. Drl from 2760' to 2874' w/surveys. Bit #5 WOB 6,000-8,000, RPM 78, Psi 1250. Bit #6 WOB 6,000-8,000, RPM 78, Psi 1250. Surveys: 12° @ 2718', 12° @ 2740', 12-1/4° @ 2771'. MW 8.8, Vis 33, WL 6.8, PH 9.5. DFS 9. DC \$7256. TAC \$94,384.
1-27-86 Depth 3084' (210') Drlg. Drld from 2874' to 3084' w/surveys. Bit #6 WOB 6,000-16,000, RPM 78, Psi 1250. Surveys: 12-1/4° @ 2834', 11-1/2° @ 2905', 13-1/2° @ 2958', 12-1/2° @ 3019'. MW 8.7, Vis 32, WL 7.2, PH 9.5. DFS 10. DC \$5773. TAC \$100,157.

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1-28-86 Depth 3221' (137') LD fishing tools. Drld from 3084' to 3221' w/surveys. TOOH. Left 1 cone in hole. TIH w/magnet. Fished for cone. TOOH. Recovered cone. LD fishing tools. Bit #6 WOB 6,000-10,000, RPM 80, Psi 1250. Surveys: 13-1/2° @ 3018', 13-1/4° @ 3143', 13-1/4° @ 3181'. MW 8.7, Vis 33, WL 8.0, PH 9.5. DFS 11. DC \$7655. TAC \$107,812.

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1-29-86 Depth 3369' (148') Drlg. Layed down fishing tools. Pick up BHA. TIH w/bit #7. Changed rotary sprocket. Drld from 3221' to 3369' w/surveys. Bit #7 WOB 10,000, RPM 70, Psi 1100. Surveys: 13-1/4° @ 3267', 14° @ 3298', 13° @ 3328'. MW 8.8, Vis 37, WL 8.0, PH 9.5. DFS 12. DC 12,177. TAC \$119,989.