

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

1-30-86 Depth 3449' (80') TOOH w/magnet. Drld from 3369' to 3444'. TOOH found buckle from floor tarp in top DC. Repair pump. TIH w/bit #8. Drld on junk. Made 5' new hole. Was unable to get past junk. TOOH. TIH w/magnet and junk sub. Fish for junk. Start TOOH w/magnet. Bit #7 WOB 10,000, RPM 70, Psi 1100. Bit #8 WOB 10,000-35,000, RPM 40-70, Psi 1100. Survey: 14° @ 3404'. MW 8.8, Vis 35, WL 6.0, PH 9.0. DFS 13. DC \$13,250. TAC \$133,239.

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1-30-86 Depth 3617' (168') Drlg. Finished TOOH w/magnet. Recovered small pieces spring steel. TIH w/bit #9. Drld from 3449' to 3485'. Trip for bit #10. Drld to 3617' w/surveys. Surveys: 13° @ 3449', 13° @ 3484', 12 3/4° @ 3515', 12 3/4° @ 3587'. RR #4 Bit, WOB 7,000-8,000, RPM 70, Psi 1100, Bit #9 WOB 25,000-30,000, RPM 64, Psi 1150, MW 8.8, Vis 39, WL 8.2, PH 8.5, DFS 14, DC \$6,660, TAC \$139,899

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2-1-86 Depth 3943' (326') Drlg. Drld from 3617' to 3943' w/surveys. Surveys: 14° @ 3640', 14 1/2° @ 3702', 14 1/2° @ 3764', 14 1/2° @ 3825'. Slight oil show at 3773'. Bit #9, WOB 30,000-35,000, RPM 64, Psi 1250, MW 8.9, Vis 39, WL 6.5, PH 9.5. DC \$6,612, TAC \$146,511

2-2-86 Depth 4020' (77') TOOH w/DST #1. Drld from 3943' to 4020' w/survey: Survey 14 1/2° @ 4020'. Circ short trip to DC's. Circ for DST #1. TOOH SLM, no correction. PU & TIH w/DST tools. Test. DST #1 3885'-4020' Point Lookout Fm. Times 10-30-60-120. Open w/weak blow increase to 3 1/2" in 10 mins. Reopen w/very weak blow increase to 1/2" blow & decrease to surface bubbles. IFP 54#, ISIP 175#, FFP 162#, FSIP 222#, IHP 1797, FHP 1790, BHT 132°F. Fluid recovery 180' drlg mud. Sample chamber 2250 cc mud @ 25 psi, Bit #9 WOB 28,000-30,000, RPM 65, Psi 1250, MW 9, Vis 62, WL 4.3, PH 9.5, DC \$6198, TAC \$152,709

2-3-86 Depth 4224' (204') Drlg. Run DST #1 3885'-4020'. TOOH. Break out and load DST tools. Cut drlg line. TIH w/bit #9. Drld from 4020' to 4224' w/surveys: 15° @ 4044', 16° @ 4107', 15 1/4° @ 4168'. MW 9.0, Vis 43, WL 4.8, PH 9.5, DFS 17, DC \$9091, TAC \$161,800

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2-4-86 Depth 4481' (257') Drlg. Drld from 4224' to 4481' w/surveys 4231' misrun, 16° @ 4262, 16° @ 4324', 4386' misrun, 16 1/2° @ 4416'. Bit #9 WOB 35,000, RPM 69, Psi 1250, MW 8.8, Vis 38, WL 4.2, PH 9.5, DFS 18, DC \$6,759, TAC \$168,559