

FIRST REPORT

BHP - LAPLATA DWW #1 (WATER WELL) AFE# 86-01-104 SW 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. NA K.B. NA DL# 29-0494 ARAPAHOE RIG #4
1-17-86 Depth 195' (183') Drlg. RURT. Mix mud. Drill rat & mouse hole. Spudded main hole @ 6:45 P.M. 1-16-86. Drld 12-1/4" hole from 12' to 195' w/surveys. Bit #1 WOB 6,000-10,000, RPM 90, Psi 700. Surveys: 1/4° @ 95', 1/2° @ 155'. DFS 0. DC \$12,890. TAC 12,890.

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
1-18-86 Depth 333' (138') NU BOP. Drld from 195' to 333' w/surveys, w/12-1/4" bit. TOOH. Ream from 12-1/4" to 17-1/2" to 331'. TOOH. Lay down 9" DC. Ran 8 jts 13-3/8", 54.5#, J-55 csg. Set @ 327' K.B. Cemented w/350 sx Class "B" cement w/2% CaCl₂ + 1/4# Flocele. Plug down 6:25 P.M. 1-17-86. Good cement rtns. WOC. Weld on 13-3/8" csg head. NU BOP. Bit #1 WOB 6,000-10,000, RPM 90, Psi 700. Surveys: 1/2° @ 215', 3/4° @ 275', 3/4° @ 305'. DFS 1. DC \$21,943. TAC \$34,833.

NOTE CORRECTION OF LOCATION FROM SW SE SECTION 23, T32N-R13W TO 1605' FSL & 1305' FEL NE SE SECTION 23, T32N-R13W

1-19-86 Depth 904' (571') Trip for plugged bit. NU BOP. Press tested blind rams to 1000 psi. Held OK. TIH. Test pipe rams to 1000 psi. Held OK. Drld cement & shoe w/12-1/4" bit. TOOH. Make up BHA. TIH w/8-3/4" bit. Drld from 333' to 904' w/surveys & repair kelly hose. Trip for bit @ 904'. Float shaft bent. TIH w/new bit. Could not pump thru float. TOOH to remove float. BIT #2 WOB 8,000-16,000, RPM 90-115, Psi 1000. Surveys: 1° @ 351', 3/4° @ 469', 3/4° @ 590', 1-1/4° @ 712'. DFS 2. DC \$11,051. TAC \$45,884

1-20-86 Depth 1288' (384') Drlg. Finished trip for stuck float. Drld from 904' to 1121' w/surveys. Trip for bit #4. LD 2 stabilizers & short DC. TIH w/1-lbs @ 60' above bit. Drld to 1288'. Bit #3 WOB 12,000-18,000, RPM 115, Psi 1100. Bit #4 WOB 6,000-8,000, RPM 115, Psi 1100. Surveys: 1-1/4° @ 930', 2° @ 1023', 3° @ 1121', 3° @ 1173', 3-1/2° @ 1235'. DFS 3. DC \$7250, TAC \$53,134.

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1-21-86 Depth 1608' (320') Drlg. Drld from 1288' to 1377' w/surveys. TOOH. Change BHA. Drld from 1377'-1608' w/surveys. Bit #4 WOB 6,000-27,000, RPM 115-76, Psi 1100. Surveys: 3-1/2° @ 1298', 4° @ 1360', 4-1/2° @ 1402', 5° @ 1465', 4-1/2° @ 1537', 4-1/2° @ 1599'. DFS 4. DC \$5311. TAC \$58,445.

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1-22-86 Depth 2008' (400') Drlg. Drld from 1608' to 1815' w/surveys. Trip for new bit. Drld to 2008' w/surveys & rig repair. Bit #4 WOB 22,000-30,000, RPM 76, Psi 1300. Bit #5 WOB 6,000-24,000, RPM 70, Psi 1000. Surveys: 5° @ 1660', 5-1/2° @ 1722', 6° @ 1785', 6° @ 1815', 6° @ 1838', 7-1/2° @ 1901', 8° @ 1971', 8° @ 2001'. DFS 5. DC \$11,115. TAC \$70,170.