

3-13-88 DAY #35, 10,260', PRESENT OPERATION: NIPPLING UP BOP & HYDRILL, HOURLY BREAKDOWN: 2 HRS. NIPPLE DOWN & SET SLIP ON 9 5/8" CSG. 15 HRS. NIPPLE UP SINGLE & DOUBLE 11", 10,000#, BOP STACK W/11" 5000# HYDRILL; 7 HRS. TEST BOP STACK & CHOKE MANIFOLD TO 10,000#, HELD OK; TEST HYDRILL TO 3000#, HELD OK. DMC:0; CMC:\$5729.00; DWC:\$9371.75; CWC:\$747,866.89.

3-14-88 DAY #36, 10,444' SHALE & LIME, PRESENT OPERATION: DRLG. 45,000#-50,000# WOB, 60 RPM'S, 2000 PUMP PRESSURE, 103 SPM, WT. 9.6, 29 VIS., 10.5 PH, DRLG. W/BRINE, BIT #10, 8 1/2" J-33C, IN @ 10,260', HOURLY BREAKDOWN: 1 HR. RIG UP 2" FLOW LINE OFF HEAD, 13 HR. RIG UP LAY DOWN MACHINE & PICK UP 24, 6 1/2" DRILL COLLARS, 4 HRS. PICKUP 4 1/2" DRILL PIPE, GRADE G-105 & G-135, 2 HRS. DRILL OUT; TAGGED CMT. @ 10,050' 1 1/2 HRS. TEST CSG. TO 2000#, HELD OK, 7 HRS. DRLG. DMC:\$246.00; CMC:\$5,975.00; DWC:\$4754.00, CWC:\$752,620.89.

3-15-88 DAY #37, 10,907' LIME & SHALE, PRESENT OPERATION: DRLG. MADE 463' IN LAST 24 HRS., 45,000# WOB, 60 RPM'S, 2000# PUMP PRESSURE, 103 SPM, 340 GPM, WT. 9.7, VIS. 29, PH 10 DRLG. W/CUT BRINE, SURVEY @ 10,712' 1/2 DEG., BIT #10 8 1/2", J-33C, IN @ 10,260' MADE 647' IN 30 HRS., HOURLY BREAKDOWN: 23 HRS. DRLG. 1 HR. SURVEY & RIG MAINTANCE DMC:0 CMC: \$5975.00, DWC:\$4608.00, CWC:\$757,228.89

3-16-88 DAY #38, 11,382' SHALE & LIME, PRESENT OPERATION: DRLG. MADE 475' IN LAST 24 HRS., 45,000 BIT WT., 60 RPM'S 2000 PUMP PRESSURE, 103 SPM, 340 GPM, WT. 9.9, VIS. 29 PH 10, DRLG. W/CUT BRINE, BIT #10 8 1/2", J-33C, IN @ 10,260' MADE 1122' IN 52 3/4 HRS., SURVEY @ 11,205' 1/2 DEG. HOURLY BREAKDOWN: 22 3/4 HRS. DRLG., 3/4 HRS. INSTALL ROTATING HEAD; 1/2 HR. WIRELINE SURVEY. DMC:\$134.00 CMC:\$4,109.00 DWC:\$4,842.00 CWC:\$762,070.89

3-17-88 DAY #39, 11,420' SHALE, PRESENT OPERATION: DST#1, TESTING WOLFCAMP ZONE, MADE 38' IN LAST 24 HRS., 45,000 WOB, 60 RPM'S, 2000# PUMP PRESSURE, 103 SPM, WT. 9.9, PH 10, DRLG. W/BRINE, BIT #10, 8 1/2", J-33C, IN @ 10,260', MADE 1160' IN 55 HRS., HOURLY BREAKDOWN: 2 1/4 HRS. DRLG., 1/4 HR. RIG SERVICE & WORK BOP, 1/4 HR. CIRC. OUT GAS, 5 HRS. CIRC. FOR DST #1 & SPOT 60 BBL SLUG TO SWEEP HOLE, 4 1/2 HRS. PWDH 2 3/4 HRS. PICK UP & MAKE UP TEST TOOL, 4 1/2 HRS. TRIP IN HOLE FOR DST #1, 4 1/2 HRS. TESTING. DMC:\$279.64 CMC:\$6388.64 DWC:\$4856.60 CWC:\$766,927.49