

EXXON FEDERAL #1

- 4-11-88 DAY #13, 3365' 100% SAND, 1-2 MIN/FT., MADE 490' IN LAST 24 HRS. PRESENT OPERATION: DRLG., CIRCULATING RESERVE, 55,000-60,000 WOB, 65 RPM'S, 1900# PUMP PRESSURE, 97 & 100 SPM, 615 GPM, MW 8.5, VIS. 28, PH 11, 34,000 CHL. BIT #6, 12 1/4", HUGHES J-44C, IN @ 2875', MADE 490' IN 11 3/4 HRS., SURVEY @ 3153' 1 DEG., HOURLY BREAKDOWN: 11 3/4 HRS. DRLG., 1/2 HRS. SURVEY, 9 1/2 HRS. PICK UP BHA, CHECK DRILL COLLARS, HAD 3 CRACKED COLLARS, 1/2 HR. TEST CSG. TO 2000# HELD OK, 1 3/4 HRS. TAG CEMENT @ 2800', DRILLED CEMENT & FLOAT @ 2831' & SHOE @ 2875' DWC:\$15,798. CWC:\$193,197.
- 4-12-88 4312' SAND, SHALE, & LIME, MADE 947' IN LAST 24 HRS., DRLG. 1-2 MIN/FT. WT. 8.6, VIS. 28, 43,000 CHL., 65 RPM'S, PH 11, 1800 PUMP PRESS. 55-60,000 WOB, SURVEY @ 3664' 1 DEG., @ 4163' 1/2 DEG., BIT #6 12 1/4" J-33C, 23 HRS. DRLG. 1 HR. SURVEY, 4270' 30% SHALE, 70% SAND, 15 UNITS PGG, 35 UNITS CONN. GAS, 50 UNITS SURVEY GAS, DWC:\$19,176, CWC:\$212,373.
- 4-13-88 DAY #15, 5110', 50% SAND, 40% SHALE & 10% LIME, 50 UNITS BACKGROUND GAS, 70 UNITS CONN. GAS, 2-4 MIN/FT., MADE 798' IN LAST 24 HRS., PRESENT OPERATION: DRLG. 50,000-60,000 WOB, 65 RPM'S, 1800 PUMP PRESSURE, 95-100 SPM, 615 GPM, MW 8.6 VIS. 28, 37,000 CHL., PH 10, SURVEY @ 4605' 1/2 DEG., BIT #6 12 1/4", J-33C, IN @ 2875' MADE 2235' IN 57 3/4 HRS., HOURLY BREAKDOWN: 23 HRS. DRLG., 1/2 HR. SURVEY, 1/2 HR. RIG SERVICE. REMARKS: BRUSH CANYON: DRLG. BREAK 19', 4774'-4793', SLIGHT SHOW, 1 1/2 MIN/FT. TO 1 1/2 MIN/FT. TO 1 1/2 MIN/FT. DWC:\$19,490. CWC:\$231,863.
- 4-14-88 DAY #16, 5632' 90% SAND & 10% SHALE, 1-2 MIN/FT., 15 UNITS BACKGROUND GAS, 25 UNITS CONN. GAS, MADE 522' IN LAST 24 HRS. PRESENT OPERATION: DRLG., 55,000-60,000 WOB, 65 RPM'S, 1850# PUMP PRESSURE, 95-100 SPM, 615 GPM, MW 8.7, VIS. 28, 37,000 CHL., PH 10, DRLG. W/CUT BRINE, SURVEY @ 5147' 1 1/4 DEG. BIT #6, 12 1/4" J-33C, IN @ 2875', MADE 2757' IN 82 1/4 HRS. HOURLY BREAKDOWN: 23 1/2 HRS. DRLG., 1/2 HR. SURVEY, DWC:\$11,215. CWC:\$243,078.
- 4-15-88 5973' LIME, SHALE & SAND, MADE 341' IN LAST 24 HRS., PRESENT OPERATION: TRIPING IN HOLE WITH NEW BIT. 60,000 WOB, 65 RPM'S, 1800 PUMP PRESS. 95-100 SPM, 609 GPM, WT. 8.7, VIS. 28, 54,000 CHL., PH 10, DRLG. W/CUT BRINE, SURVEY @ 5611' 1 1/4 DEG., BIT #6 IN @ 2875' OUT @ 5973', MADE 3098' IN 98 HRS. BIT #7 12 1/4" J-33C, IN @ 5973', HOURLY BREAKDOWN: 17 3/4 HRS. DRLG., 1 1/2 HRS. SURVEY, 5 3/4 HRS. TRIP FOR WASHOUT IN DRILL PIPE, CRACK IN PIPE 41 STANDS DOWN, DWC:\$7443. CWC:\$250,521.
- 4-16-88 DAY #18, 6402', SAND, SHALE & LIME, 2-4 MIN/FT., MADE 429' IN LAST 24 HRS., 60,000 WOB, 55-60 RPM'S, 2000# PUMP PRESS., 90-100 SPM, 602 GPM, 8.9 MW, VIS. 28, 54,000 CHL. PH 10, SURVEY @ 6109' 1 DEG., BIT #7, 12 1/4" J-44C, IN @ 5973', MADE 429' IN 20 1/2 HRS., HOURLY BREAKDOWN: 20 1/2 HRS. DRLG. 1/2 HR. SURVEY, 1/2 HR. RIG SERVICE, 2 HRS. BIT TRIP, 1/2 HR. WASH 60' TO BOTTOM, 20' FILL. DWC:\$9687. CWC:\$259,209.