

1-29-79

Went in hole with 7 1/4" swedge. Pulled out of hole with 7-inch swedge. Put 7 7/8" in-line swedge on and went in hole. Hit tight place at 1225'. Had to work swedge through. Possibly could have been 7 3/4" milling shoe. Hung up in Lynes external casing packer. Continued into hole with swedge. Swedged bad casing out at 1865'. Pulled out of hole with swedge, tool, bit and drill collars. Got out of hole with bit. Did not have 7 3/4" milling shoe caught on bit. Present operation: going in hole with 7 7/8" flat bottom mill to mill on junk.

1-30-79

Milled on junk in hole. Pulled out of hole with mill. Went in hole with magnet and junk basket. Pulled out of hole, had junk basket full of metal and several pieces of metal on magnet. Present operation: changing out rotary.

1-31-79

Finished repairing rotary. Went in hole with magnet. Could not get by tight place at 1868'. Pulled out of hole with magnet. Went in hole with 7 7/8" swedge and swedged casing out at 1868' and 1217'. Pulled out of hole with swedge. Went in hole with magnet. Pulled out of hole with magnet, had several small pieces of junk. Present operation: going in hole with Globe junk basket.

2-1-79

Finished in hole with Globe junk basket. Tagged up on bottom at 7235'. Made 1' progress with Globe basket and could not make any more progress after that. Pulled out of hole with Globe basket, had several pieces of metal inside basket. Went in hole with 7 7/8" bladed mill. Could not get past 1864'. Pulled out of hole. Went in hole with 7 7/8" swedge and swedged casing out. Pulled out of hole with swedge. Went in hole with bladed mill again. Could not get mill past bad casing at 1864'. Pulled out of hole with mill. Present operation: going in hole with 7 7/8" string mill.

2-2-79

Finished in hole with 7 7/8" string mill and one stand of drill pipe for stinger, below mill. Worked mill through bad places at 1874-1890', cleaned casing up with string mill and pulled out of hole. Went in hole with Howco 8 5/8" cast iron bridge plug on wireline, could not get cast iron bridge plug past 1867'. Pulled out of hole. Went in with string mill. Worked mill through bad places at 1875-1904'. Pulled out of hole with mill. Went in hole with Howco cast iron bridge plug on 4 1/2" drill pipe. Got cast iron bridge plug through bad casing at 1865-1904'. Set cast iron bridge plug at 2805'. Pulled out of hole. Went in hole with cement retainer and set at 1685'. Squeezed bad casing at approximately 1865-1904' as follows: pumped 250 sacks Class "C" cement with 2% CaCl₂ followed by 20 barrels Howco Flo-Chek, followed with 250 sx cement, 40 barrels Flo-chek, 250 sx cement. Maximum pressure during squeeze 2000 psi.

