

FEDERAL "MM" COMM #1

9/14 (45) 12,001 Drig lm, sd & sh, 8-3/4" hole, NND.
SW Mud 10.2-32-NC.

FEDERAL "MM" COMM #1

9/15 (46) 12,050 TD lm, 8-3/4" hole, NND, SW Mud 10.2-32-NC.
finish hole @ 3:00 p.m. 9/14/73, circ 3 hrs, POH, Schl
running OH logs past 6 hrs.

9/16 12,050 TD lm, 8-3/4" hole, SW Mud 10.2-34-9.7.
Schl ran logs, logs sticking, RD Schl - ran bit to bottom
cond mud & hole/11 hrs, now POH to run logs.

9/17 12,050 TD lm, 8-3/4" hole, SW Mud 10.2-34-9.7.
finish POH, Schl ran Density log from 5600-12,050, BHC-N-
GR-S & Caliper logs from 0-12,050 & Lateralog from 8700-
12,050/16½ hrs, now GIH to cond hole to run liner.

FEDERAL "MM" COMM #1

9/18 12,050 TD lm, 8-3/4" hole, SW Mud 10.2-34-9.7.
ran bit to bottom, circ 9 hrs, P & LD 5400' DP, stand 5600'
of DP in derrick, prep to run 7" liner.

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9/19 12,050 TD, WOC 7" liner, ran 152 jts 6659' 7" OD 26.0# S-95
LT&C liner w/ BWS Type C 6-slip liner hanger on 4½ DP to
12,048, landing collar @ 11,901, top of liner @ 5389, Howco
cmtd liner w/ 1280x TLLW cmt + 250x Class H Neat cmt, under
displ cmt 58 bbls, DPP 4800, job compl @ 8:45 p.m. 9/18/73,
POH w/ liner setting tool, prep to sqz top of liner.

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9/20 Ran 8-3/4 bit to top of liner @ 5389, no cmt on top of liner,
POH w/ bit, ran 9-5/8 RTTS pkr on 4½ DP to 5089, Howco sqzd
top of liner w/ 300x TLLW containing ¼# Flocele/x + 300x
Class C Neat cmt, DPP 900, job compl @ 6:30 p.m. 9/19/73, WOC,
prep to DO cmt.

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9/21 POH w/ 9-5/8 RTTS pkr, ran 8-3/4 bit on DC's and DP, drill
cmt in 9-5/8 csg from 5307-5389, top of 7" liner, circ clean,
displ to fr wtr, test csg & liner top w/ 2000#/30 min/ok,
P & LD DP & DC's, remove BOP's, prep to rel rig.

FEDERAL "MM" COMM #1, 12,050 TD

9/22 Rel Marcum Drig Co rig @ 8:00 a.m. 9-21-73, rig down tools, wait on trucks.

9/23 WO trucks to MO rig.

9/24 Prep to MO rig.

FEDERAL "MM" COMM #1, 12,050 TD

9/25 MO tools.

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9/26 WO unit to complete.

FEDERAL "MM" COMM #1, 12,050 TD

9/27 WO unit to complete.