

J.C. RYAN & C.C. MALONEY
HALE FEDERAL #1
EDDY COUNTY, NEW MEXICO

PAGE 4
AFE 225

1/14/83 (CONT'D.)

✓ DST #5 Report as follows:

✓ Pkrs @ 11,818'-11,822'-12,001', 179' interval, opened f/test @ 1 PM.
20" preflow, fair blow inc to strong blow, opened on 3/8" choke (1.04)
30 psi on 3/8", 105, 39 psi 110-44, 1:12 45 psi, gas to surface, press tested
dropping @ 1:20, 37 psi on 3/8" choke, SI for 60" ICIP, opened @ 2:20 PM,
for 2nd flow, opened weak, @ 2:25 PM, 1 psi on 3/8" choke, 2:30 1 psi, closed
choke @ 2:30 PM, @ 2:33 2 psi, opened on 3/8" choke, 2:35 1 psi, 2:40 1 psi,
2:45 1 psi, 2:50 1 psi, closed @ 2:50 f/2nd closed in, 60" 2nd closed in @ 3:50
Pm, released pkr. Pulled 210,000-215,000, tripped jars 7 times, came loose,
weighed 180,000, had PU 20,000# weight, started out of hole @ 4:20 PM.

	<u>Top Chart</u>	<u>Btm Chart</u>
	<u>11,800</u>	<u>11,998</u>
1 hyd.	5732	6373
Preflow I	723.5	913
F	1021	1200
ICIP	4430	4932
2nd flow I	1190	1377
F	1886	2125
FCIP	4430	4888
FHP	5732	6351

Samples, 50 psi, 2500 cc's fluid, .046ft³ gas, wtr, salty taste, BGT 170° F,
DP recovery: 4151' fluid to rec.
1491' drlg fluid, 2660', formation fluid, 8.7-8.6#/gal, salty taste.

1/15/83 No report

1/16/83 No report.

1/17/83 MW 9.7, Visc. 37, W/L 4, cake 1/32, ph 10.5, time 8 hrs, circ & WO 1U machine,
6½ hrs LDDP & collars, 6½ hrs RU & ran 5½" csg, 3 hrs circ through csg, at report
time, circ 10 jts off btm, hauled 1 load FW.

✓ 1/18/83 Day 44, progress-0-', 12,111 T.D., sand & shale, rig released, time: 3 hrs run csg,
2 hrs circ up gas bubble, 2¼ hrs cmtg, 6¼ hrs set slips, ND, cut off csg, strip
collar, installed pks & set tbghd, flanged up. Cost day work \$2536.25; Wtr (FW)
\$129.79; Welder \$288.96; Wtr brine w/12% KCL, cmtg N₂ \$1505.40; Cmt \$25,041.50;
LD pipe \$3788.40; & \$4638.15; Day total \$38,093.45; CC: \$40,672.20
NOTE: * Wtr brine w/12% KCL & run csg.)