

MARTINDALE #1 DECK FEDERAL WELL
RECOMPLETION TO BLINEBRY ZONES

- 6/25/87 Rig W.S.U., POH w/ pump & rods, Install BOP, unseat tbg. anchor - P.O.H. W/2-3/8" tbg., R.I.H. W/5 1/2" LOK-set RBP & Set @ 6066', P.O.H., Rig Sch. & perforated W/4" HyperJet II steel carrier gun - 180 degree phasing W/2 JSPF at the following intervals: 5460-67-71-82-5523-27-63-65-74-5620-26-42-47-5727-29-32-71-73-79-5808-10-14-16-56-5960-76-88 (total 54 holes), R.I.H. W/5 1/2" MD. "R" PKR. on 2 3/8" tbg., 2 stds - SDFN at 9:00 p.m.
- 6/26/87 R.I.H. set PKR. @ 6012' & tested RBP to 1000 psi. - OK, unseated PKR. - unable to reset (perf. debris), P.O.H., R.I.H. W/exchange PKR., drop stdg. valve & tested 2 3/8" tbg. string to 4,000 psi - OK. Set PKR @ 5910' - opened by-pass to spot 2 bbls. 15% Hcl Acid, psred. & Broke formation at 3150 psi, W/spot acid rate 3 b/m at 3150# T.P. - I.S.I.P. - 1800 psi, Acidized zone #1 perfs. 5960-88 W/1000 gals. NE-FE 15% Hcl Acid W/RCNBS, Avg. Rate 3.3 b/M at 2750 psi T.P. - did not ball out - I.S.I.P. - 1450 psi. 5 mins. - 1400 psi, unseat PKR., RIH to retrieve R.B.P. @ 6066', unable to unseat, circ. hole W/50 bbls. 2% Kcl wtr., attempt to unseat R.B.P. - unable, P.O.H. - layed down PKR., Prep R.I.H. W/overshot to retrieve RBP - SDFN @ 6:00 p.m.
- 6/27/87 R.I.H. w/overshot on 2 3/8" tbg., pull thru perfs. - well on strong vacume from old Drinkard Zone, P.O.H., R.I.H. W/R.B.P. & MD. "R" PKR., set RBP at 5910' & tested W/1000 psi - OK. Spot 2 bbls. acid across perf. internal 5860-5776', set PKR. @ 5684', psred. & broke formation at 2700 psi, pumped spot acid at 3 b/m rate - 3150 # psi T.P., acidized 2nd zone 5860' - 5776' W/2200 gals. 15% NE-FE Hcl acid W/RCNBS - Avg. rate 3.3 b/min. @ 3000 psi T.P., I.S.I.P. - 1900 psi - 5 mins. 1800 psi - did not ball out, pull up to isolate 3rd zone, unable to reset R.B.P., P.O.H., R.I.H. W/cup-type R.B.P. & Md. "R" PKR. & set at 5300' - would not hold psr., unseat R.B.P. & pkr., Prep. P.O.H. SDFN @ 8:00 p.m.
- 6/28/87 P.O.H. ReRun R.B.P. & Md. "R" pkr. on 2 3/8" tbg. Set R.B.P. at 5684' & tested 1000 psi - OK, spot 2 bbls. acid across perf. int. zone #3 5650-5566. Pull PKR. & set at 5395'. Pumped spot acid - form. breaking psr. 2100 psi at 3.2 b/min. rate @ 2600 psi - 1500 psi I.S.C.P. Acidized W/2600 gals. 15% NE FE Hcl Acid W/RLNBS - Avg. Rate 3.3 b/min. at 2300 psi T.P. W/several formation breaks, balled off W/Maximum pressure 5400 psi ISIP - 1400 psi - 5 mins. 1375 psi - 10 mins 1325 psi, unseat pkr. & R.B.P. & ran to 6066', could not set R.B.P. due to vac. tearing rubber from