

10/31/91

MIRUSU, Killed well with 15BBlS 2% KCL. NU BOPS. TOH with 168jts. TIH with bit and scraper to 4570'. TIH with RBP set at 4508'. TOH and set PKR at 4458'. Press. test RBP to 1000psi. Press. test RBP to 1000psi. Released PKR, TOH, dumped 14' of SN on RBP.

RU WLE and cut off balled 4.5" CSG top. Removed plate, speared 4.5" csg removed slips. NU BOPS. run freepoint. Found pipe stuck at 3535' free at 3530'. Made back off at 3508' WLM. LD cut off joint.

TOH, LD 4.5 CSG 3530', THRDS on, Box looking up. CSG had paraffin on outside from 1658'-2131'. TIH with scraper to 4.5" CSG top at 3508', Circ hole clean. TIH with RBP set at 3500', TIH with RET PKR set at 3001', press. test RBP to 1000psi. Held OK. Released PKR, TOH, dumped 5SKS SN down CSG. RU WLE. TIH and run CBL, CCL, GR from 3434 to surface. RIH and Perf: 2780'-2782', W/4 JSPF. .5" diam. total shots 8 Open. RD WLE. TIH with CMT RET set at 2667'. press. test tbg to 1500psi. held ok. Press. test CMT RET to 1000psi. Held ok. RU CMT equip. Mixed and pumped 200SKS CL B cmt into perfs at 2780'-2782', EST INJ, rate 2 BPM at 550psi.. Displace 15BBlS CMT. Stung out of CMT RET at 2667', reversed out 1BBl cmt. TOH, CMT RET Stinger. RU WLE. RIH and perf: 750'-752' W/4 JSPF, .5" diam., 8 shots. TIH with RET PKR set at 641', mixed and pump 50SKS CL B cmt, at 1 1/2BPM at 600psi., 10.5BBlS displaced CMT. left 2.5BBlS in CSG. Released PKR and circ hole clean. TOH with PKR.

Pressured tested squeeze at 750 to 1000psi. Held OK.

RU WLE. Perf from 250'-252', W/4 JSPF, .5" diam, 8 shots. RDWLE.

RU Coat equip., broke circ. and pump dye around with 19BBlS., mixed and pumped 125 SKS CL B Cmt, displaced 5 1/2BBlS. Shut in Bradenhead valve. Press. up 800psi. on csg, Capped off Bradenhead with 1 1/4BBlS cmt. TIH with Bit scraper, tagged at 148', drilled hard cmt to 270'. Press. tested to 860psi. press. broke back to 320psi. in less than 1 min. TOH with bit and scrapper.

TIH with bit and scrapper, TIH with RET PKR set at 288', press. test to 800psi. Pump into perfs at 250-252 at 1BPM at 800psi.,

Released PKR and TOH to 134', RU CMT equip., mixed and pumped 55SKS CL B cmt with 2% CACL, obtained a 1200psi. squeeze. Released PKR and TOH. TIH with Bit and scrapper, tagged cmt at 134', DRL CMT to 260', press. test SQ to 1000psi. Held OK. TIH and tagged cmt at 615', DRL cmt to 684', Circ hole clean. DRL cmt 684'-760', Press. test CSG 1000psi. press. bled off to 400psi. in 10 min. TOH with Bit and scrapper. TIH with TBG open ended to 770', RU cmt equip., Mixed and pump 25SKS CL B with 2% CACL, spotted cmt. TOH with TBG. Pressure up on CSG 1000psi., Displace 3/4BBl CMT.

TIH with bit and scrapper, tagged cmt on 653', DRL cmt to 802', pressure test CSG 1000psi. Held OK. TIH to CMT RET at 2667'. DRL RET and 10' of CMT. Circ hole clean. Drilled cmt from 2676'-2930'. TIH 60', pressure tested CSG to 1000psi. Held OK. TOH with Bit and scrapper. RU WLE. ran CBL CCL GR from 3430 to surface. Obtained Isolation PC and FRTLND, Top of cmt on bottom perfs at 2780 was 2757' with bottom ofcmt 2810'. RD WLE.

ND BOPS and TBG spool. Flanged up CSG spool. NU TBG spool, BOP.

Press. tested Flange 10000psi. Held OK. TIH with Retrieving head for RBP. TIH and washed off sand off of RBP at 3500'. TOH with RBP.

TIH with 4 1/2" CSG, SIH with 108jts 4 1/2" 10.5ST & C CSG., tagged CSG collar at 3530' Pump 140 BBlS Paker Fluid. Screwed into CSG collar ND BOP, TBG head, set slips with 58000. cut off CST. NU TBG head and BOPS, TIH with RET Head for RBP tagged sand at 4480'. Circ sand off RBP, TOH wit PLUG. TIH with TBG and tagged at 5260. TOH landed TBG at 5225'. ND BOPS, NU wellhead.