

South Red Lake Grayburg Unit Well No. 39  
S & J Operating Company  
(Cont'd)

November 12, 1990 (Monday) Ran pkr. to 660' and set. Rigged up BWW and run string shot. Made 10 runs with string shot. Tried to shoot csg. loose at 1555', 1521', 1488', 1455', 1424', 1384', and 1326'. (Had 3 bad runs). Worked pipe after each shot. After last shot @ 1326' csg. moved 36' and stopped. Parted tbg. in 4th jt. SDFN.

November 13, 1990 (Tuesday) TIH with fishing tool (2 5/16" grapple) and tbg. Could not catch fish. TIH with 2 3/16" grapple. Could not catch fish. TIH with a collar fishing tool, could not catch fish. SDFN.

November 14, 1990 (Wednesday) TIH with collar fishing tool with a 6' extension. Latched onto tbg. Pulled 18 jts. of tbg. and pkr. Picked up 32 jts. of tbg. from yard and ran in hole. Used 18 jts. of pipe in derrick that was stretched to circulate well clean. (50 jts. @ 1640'). Laid down 18 jts. of stretched tbg. Ran 16 good jts. back in hole, 48 jts. total to 1576'. SDFN.

November 15, 1990 (Thursday) Picked up 2 jts. of tbg. from yard to get to PBTD @ 1640'. Spotted 40 sx. cmt. plug with 4% calcium chloride, 1.32 ft/sx., 14.8#/gal. Pulled tbg. to 800' and shut down for 2 hrs. Ran tbg. back in hole, tagged plug @ 1100'. Rigged up Dia-log Co. and perforated 4 1/2" csg., 3 holes from 1002' to 1005'. TIH with tbg. to 1056'. Spot and squeeze 25 sx. cmt. plug with 4% calcium chloride, 1.32 ft./sx., 14.8#/gal. TOH with tbg. SDFN.

November 16, 1990 (Friday) TIH with tbg. Tagged cmt. plug @ 800'. Pulled tbg. up to 250'. Spot and squeeze 75 sx. cmt. plug with 4% calcium chloride, plus 2 sx. Flo-seal. TOH with tbg. WOC 2 hrs. TIH with tbg. and tagged cmt. plug @ 150'. Pumped 50 sx. cmt. plug with 4% calcium chloride. TOH with tbg. WOC 2 hrs. TIH with tbg, tagged cmt. @ 65'. Pumped 115 sx. of cmt. with 4% calcium chloride and 45 sx. of cedar fiber. Cmt. circ. Job complete.