

Attached to and made a part of that certain Sundry Notice (BLM Form 3160-5) for the Tecumseh Federal No. 1 executed on March 20, 1998.

- 1/23/98: MIRU Dawson WS Rig #1520. Blew well DN. RU Gandy's pump TRK & kill well w/35 bbls of PW. ND WH. NU 7 1/16 x 3000# BOP. Rel Guiberson Unit VI pkr assembly and start OOH. Found rig matting base started sinking. Set slips on 2 3/8" OD tbg & close BOP. RD rig, install steel matting board and RU rig again. SDON.
- 1/24/98: After SDON 14 hrs. TP & CP slight blow. TOO H w/tbg & pkr w/on-off tool & profile nipple. Rec 260 jts. of 2-3/8" OD N-80 4.7# 8rd, EUE tbg & Guiberson Unit VI pkr w/on-off tool w/ "R" CL 81 profile nipple. LD 25 jts. of 2-3/8" OD tbg. RU Computalog to run gauge ring, GR, CCL, CBL, CIBP & perforate. Ran GR CCL w/CBL from 8450'-6700'. DBL looks Ok. Ran 3.62" OD gauge ring to 8100'. Ran & st 4-1/2" CIBP @ 8000'. Dumped 1 sx of cmt on top of CIBP for a PBTD of 7989'. Load hole w/2% KCL water. Test 1000# - ok. Perf 4-1/2" OD csg w/1 SPF 120 deg phasing, 3-1/8" gun w/11 gram charges from 7346'-7370', 25 holes. Ran 2-3/8" OD tbg kill string to 1875'. SDON.
- 1/25/98: SI - 13 hrs. TP & CP - 0#. TIH w/2-3/8" OD N-80 tbg & Guiberson 4-1/2" OD Unit VI pkr w/ "F" 1.81" profile nipple, testing tbg to 7000#. Tbg tested ok w/no leaks. Ran and set tbg and pkr. Set pkr w/on-off tool from 7275'-7284' and left 15,000# wt on pkr. SN (PF) = 7275'-77'. Test tbg - csg annulus & pkr to 1000# - held ok. Rel from on-off tool and circ. 110 bbls of 2% KCL water containing 20 gals of Baker, SF-30-41 pkr fluid chem. ND BOP & NU WH. Latch onto pkr w/on-off tool. RU to swab. Swab & flowed well 3 hrs. and made 31 BLW w/good show of gas. No oil show. SFL - sur. EFL - SN @ 7275'-77'. Note: After swabbing 30 bbls the 1st well swb'd DN. The next swab pull, well started gassing and flows contain 25-50 Mcfpd rate and did this for the next 2 hrs. Rec only 1 bbl of fluid. Did no see an oil show. SWI.
- 1/26/98: SI - 38 hrs. TP - 2000#. Blew well DN. Swab 3/4 hrs. & rec 4 BO & 2 BLW. SFL - 5500 FS. EFL @ SN. RU Dowell to acidize well. Acidize well. Open well to test tank & flowed 1 hr., rec 14 BLW. RU to swab. Swab 1/2 hr. & made 22 BLW. SFL = surf, EFL = 300 FS. Well started flowing. Flow 5 hrs. & made 97 BLW. Last 3 hrs. well averaged 11 BF/Hr., cutting +1% oil. FTP = 400-450# on varying size chokes from 32/64" to 24/64". Well is making good gas, est. @ 150 Mcfpd rate. Lack 17 BLW to recover. Total rec in 6 1/2 hrs. = 133 BLW. Lack 3 BLW to rec. SWI.