

DAILY WORKOVER REPORT

Threshold Development Company  
 State 2M #1  
 Lea County, NM

- 6/9/00 MIRU pulling unit. SITP = 1000#. Blow well down in 15 minutes. RU kill truck, pump 75 BSW down tbg, well on vac ND wellhead, NU BOP's. Release pkr, POOH w/tbg, pkr & shooting assembly. LD pkr & shooting assembly. RIH w/20 stnds. SWIFN.
- 6/10/00 POOH w/20 stnds tbg. RU WL co. RIH w/5-1/2" CIBP, set @ 12,800'. RU pump truck, test plug to 500# for 10 min, held o.k. RIH w/dump bailer, dump 3 sx cmt on top of RBP. RIH w/4" csg gun & perf for sqz from 10950-52 w/4 JSPF, total of 9 holes. RD WL co. RU pump truck and attempt to establish circ, circ established with 75 bbbs pumped down 5-1/2" csg & up 9-5/8" x 5-1/2" annulus. Circ well @ 5-6 BPM @ 650#. RD pump truck. PU & RIH w/5-1/2" cmt rtmr & 65 stnds. SDFN.
- 6/11/00 Finish RIH w/tbg, RU BJ & pump 70 bbbs water down tbg to clear rtmr. Set rtmr @ 10,897', test backside to 1000# for 10 min, held o.k. Re-establish circ down tbg, into 5-1/2" csg & up 9-5/8" x 5-1/2" annulus. Pump 12 bbbs mud flush & 325 sx CIH cmt + additives, displace cmt w/63 bbbs 2% KCl. Had full circ thru out job. Sting out of rtmr, POOH w/tbg. Leave 20 stnds in hole. SD WOC over weekend.
- 6/12/00 Well shut-in, WOC
- 6/13/00 POOH w/tbg, RU WL co. & run GR/CBL/CCL from PBD of 10,897 to TOC @ 9070', good bond across zones of interest. RIH w/4" csg gun & perf 3<sup>rd</sup> Bone Springs from 10,708-16' w/2 JSPF, 17 holes. RD WL co. PU 5-1/2" PLS pkr w/On-Off tool & RIH w/tbg & pkr. SD for 2 hrs WO elevators, finish RIH w/tbg, set pkr @ 10,674'. RU swab, made 7 swab runs. FFL @ 8000' SDFN.
- 6/14/00 12 hr SITP = 0. RU swab, IFL @ 6500', made total of 5 runs, well swabbed down to SN, no show. RU Halliburton, press backside to 500#, acidize perfs 10,708-16 w/1000 gals 20% HCl + 35 ball sealers. Formation broke @ 4700#, AIR = 3.9 BPM @ 4300#, sli ball action. ISIP 3835#, 15 min 3670#. LTR = 92 bbbs. RD Halliburton. Open well up and flow back, RU swab and make total of 16 swab runs, rec total of 65 BF w/sli oil show. FFL @ 9000'. LTR = 27 bbbs.
- 6/15/00 12 hr SITP = 200#, blow well down in 2 min. RU swab, IFL @ 8000', rec 4 BF cutting 50% oil, 2<sup>nd</sup> run FL @ 10,000', pulled from SN, rec 2 BF w/20% cut. 3<sup>rd</sup> run rec no fluid. RD swab. Release pkr, POOH w/tbg & pkr, LD 25 jts. RU WL co & set CIBP @ 10,635', test to 500#, held o.k. Dump 3 sx cmt on top of CIBP. RIH w/4" csg gun & perf 2<sup>nd</sup> Bone Springs from 9902-12 w/2 JSPF, 21 holes. RD WL co. SDFN.
- 6/16/00 PU 5 1/2" PLS pkr w/on-off tool & RIH w/tbg & pkr. Set pkr @ 9860'. RU swab, made 7 runs, FL @ 9200', rec 59 BLW, no oil show, sli gas show. SD for 30 min, no fluid entry, SD for 1 hr., no fluid entry. SDFN.
- 6/17/00 15 hr SITP = 0. RU swab, 1<sup>st</sup> run IFL @ 8800', rec 3 BF 100% water w/ sli gas show. Shut in 2 hrs., made swab run, rec 1 1/2 BF w/sli oil show. RU BJ Services, press backside to 500#. Acidize perfs w/1500 gals 15% NEFE w/50 ball sealers. Formation broke @ 4300#. Treated formation @ 4 BPM @ 4400#, good ball action, balled out. ISIP 3720#, 5 min 3350#, 15 min 2960#. LTR = 95 bbbs. RD BJ. RU swab, bled well down. Made 14 swab runs, rec 79 BLW + 5 BO, Last run cutting 55% oil w/strong gas blow. FL @ 6000'. 16 BLWTR. SDFN.
- 6/18/00 12 hr SITP = 680#. Open well up on 45/64" ck, well flowed 1 hr & died. Rec 24 BO + 1 BLW. RU swab. Made 8 Swab runs, rec 29 BO + 11 BLW in 2 1/2 hrs. FL hanging @ 6000', pulling from 8000'. Total recovery for day (1/2 day) = 53 BO + 12 BLW. 4 BLWTR.
- 6/19/00 Well shut-in for weekend.
- 6/20/00 43 hr. SITP = 800#. Open well up on 45/64" ck, fluid hit in 6 mins. Well flowed 1 1/2 hrs. and died. Rec 21 BO + 0 BW. RU swab. Swab well 7 1/2 hrs., rec 40 BO + 9 BW. Last 3 hrs. rec 3 1/2 BFPH cutting 90% oil, pulling from SN. Cl on water = 111,000 ppm. Have steady gas blow after swab est @ 25 MCFPD. SDFN. Total recovery for day 61 BO + 9 BW.
- 6/21/00 12 hr SITP = 350#. Open well up on 45/64" ck, well blew down in 8 mins, no fluid. RU swab, IFL @ 5000'. Made 14 swab runs in 8 hrs. rec 37 BO + 10 BW. FFL @ 9500', pulling from 9700'. Final FER est @ 2 1/2 BFPH w/80% oil cut. Good steady gas blow est @ 20-25 MCFPD. SDFN.
- 6/22/00 13 hr SITP = 320#. Open well up on 45/64" ck, well blew down in 8 mins, no fluid. RU swab, IFL @ 5500'. Made 9 swab runs in 5 hrs, rec 15 BO + 5 BW. FFL @ 9500' pulling from 9700'. Final FER est @ 2 1/2 BFPH w/80% oil cut. Good steady gas blow est @ 20-25 MCFPD.
- 6/23/00 18 hr SITP = 300#, open well up on 45/64" ck, well blew down in 6 mins, no fluid. RU swab, IFL @ 5800'. Made 10 swab runs in 5 hrs, rec 20 BO + 6 BW. FFL @ 9200' pulling from 9700'. FER est 3 BFPH w/80% oil cut. Will frac well this p.m.
- 6/24/00 18 hr. SITP = 300#, open well up on 45/64" ck, well blew down in 6 mins. IFL @ 5000'. Made 9 swab runs rec 24 BO + 7 BLW. FFL @ 9200'. RU BJ services. Test lines to 7000#. Press backside to 500#. Acid frac well w/20,000 gals 20% HCl/CO2 foam. ATP = 5680#, AIR = 12 BPM. ISIP 3850#, 15 min = 3420#. LTR = 283 bbbs. RD BJ Services. Open well up on 34/64" ck. Well flowed 8 hrs & died. Rec 100 BLW cutting 50% oil @ end. SWI.