FEDERAL "12" COM #1, 11,400 TD.

8/20 WOC 10 hrs, Worth Well ran temp survey to 3000, T/cmt @ 1875, set slips, cut off csg, RD & rel Marcum Drlg Co rig @ 10 pm 8/19/74, WO trucks to MOR.

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FEDERAL "12" COM #1, 11,400 TD.

8/21 WO trucks to MOR.

FEDERAL "12" COM #1, 11,400 TD.

8/22 Prep to MOR.

FEDERAL "12" COM #1, 11,400 TD.

8/23 MOR.

FEDERAL "12" COM #1, 11,400 TD. 8/24 Finish MOR, MI Baber Well Serv unit 8/23/74.

8/26 RU unit, inst'l BOP, unload & rack tbg, ran 4-3/4 bit on $4 - 3\frac{1}{2}$ DC's & 175 jts 2-3/8 tbg, SDFN & Sunday.

FEDERAL "12" COM #1, 11,400 TD.

8/27. Finish running bit to 11,240, tag top of cmt, RU rev unit, drill cmt to 11,360 PB, circ clean, displ hole w/ CaCl wtr, SDFN.

FEDERAL "12" COM #1, 11,400 TD.

8/28 POH, LD DC's, Western Co ran GR-Collar-Corr log 8700-8950 & 9900-11,357, then perf 5½ csg in the Morrow @ 10,952-10,966; 11,222-11,228; & 11,236-11,264 w/ 1 JSPF, total of 50 holes, then ran & set Baker 5½ Model D pkr @ 10,910, SDFN.

FEDERAL "12" COM #1, 11,400 TD.

8/29 Ran 2-3/8 EUE Erd N80 tbg to 10,941; PSI F nipple w/ 1.81 ID @ 10,928, Baker seal assembly @ 10,910, Baker ER recpt @ 10,894, tested tbg in hole to 5000# while running unlatch from recpt, SDFN, prep to displ csg w/ TSW.

FEDERAL "12" COM #1, 11,400 TD.

8/30 Howco rev CaCl2 wtr w/ 9.9# Br Wtr treated w/ 2 drums Cortron 2207, latched into rec, remove BOP, instl tree, tested csg 3000 psi, then sw to pit 6 hrs, FL 0-10,200, NS gas, SIFN.

FEDERAL "12" COM #1, 11,400 TD.

- 8/31 SITP 100#, 5000' FIH, sw to pit 4 hrs 200-400' FIH, sl sh gas, wait 1 hr 200' fluid came in hole, SDFN, prep to treat.
- 9/1-2 SITP 300#, bled off, sw tbg to 10,000', then Western Co acidized Morrow perfs 10,952-11,264 w/3000 gals 7-1/2% MS acid, F1 w/ KCL wtr 1000 ST Ft³/Bb1 N₂ + 50 RCN ball scalers, BDTP 9000 TTP 8450-9000, AIR 6.1 BPM, ISDTP 4500 - 5 min SDTP 3900, job comp 10:00 AM 8/31/74, F1 to pits 1 hr died, made 2 runs w/SW, well kicked off & F1 to pits 7 hrs 48/64 ck, TP 100, making mist of wtr, SI 5 min, TP 450, 15 min SITP 950, SIFN & Sunday.

9/3 SDF Holiday, 60 hr SITP 3800.