

**Saga Petroleum
Remedial Report
for
State Land Sec. 32 #9**

12/15/97: TP 900#.

12/16/97: TP 1200#. Opened to tank, flowed dn in 2 hrs. Unset pkr @ 6346', well flowed to pit for 1 hr. POH w/ 205 jts 2-3/8" tbg and pkr. RU Computalog, RIH w/ 7" CIBP, CCL & GR. Tagged btm @ 6905', got on depth, set CIBP @ 6710. RD wireline. RIH w/ Loc Set Pkr on 205 jts 2-3/8" tbg, set @ 6346'. SI & SD.

12/17/97: TP 400#, CP 25#. Blew well dn, pkr unset. Reset pkr. RU Swab, swabbed 39 bbls fluid, 10% oil. Swabbed dn to SN @ 6340'. SI & SD. .

12/18/97: Tbg 1200#. Open well on 24/64 choke to tanks. Flowed 2 hrs open well and died. RU swab. FL @ 6000'. Made 2 runs recovered 2 bbls oil. SI & SD.

12/19/97: Tbg 1200#. Bled well dn, RU Fracmaster, acidize well w/ 2500 gals. 15% NeFe and 18 RCNB's. Pumped acid @ 3000# and 3.4 BPM, broke to 1500# w/ acid on formation. Balled out, surged balls. Pmp'd 1250 gal after ball out, pressure increased to 2900#. Flushed w/ FW. ISIP 2400#, 5 min - 910#, 10 min - 600#, 15 min - 450#. SI 2 hrs., RIH w/ swab, FL @ 200'. Swab FL to 2600', recovered 25 BLW, good gas. 73 BLWTR. SI & SD.

12/20/97: 7:20 am: 1050 psi. Tbg pressure, open 24/64 choke. Gas/blow dn 30 min. TIH w/ swab. FL @ 2800'. Kick well off, made 4 runs w/ swab. FL @ 1800'. Pockets Op fluid. Swab/back \pm 25 bbls gauge 4' 10". 12:00 pm tank gauge 6' 1" 17.25 bbls. Swab/Flow back. Total of 42 bbls today \pm 67 bbls total. Flowed gas 1-1/2 hr. 6th Swab run hit pocket of fluid @ 600'. 1:30 pm 6' 3" tank gauge 2.26 bbl. 69 bbls total. 3:30 pm tbg pressure 100#. Hook up orifice meter w/ 1/2" plate. 16 bbls diff = 190 mcf. Flow back to tank w/ 100 # on tbg. SI & SD.

12/21/97: SDFWE.

12/22/97: SDFWE.

12/23/97: 7:30 am 100 psi tbg pressure. Flowing to tank. TIH w/ swab, FL @ 3900' - 4000'. Swab back. 8:30 am RU Computalog, TIH w/ rope socket, wt bar, collar locator, decentralizer & gun 17'. Tag CIBP, work tools free. Perf @ 6635-6626. TOH w/ gun. Go back in hole & perf @ 6560-55-37-30-6446-6435. TOH. RD Computer Log. 11:00 am TIH w/ swab, FL @ 3900'. Make 10 swab runs. Swab tbg. Dry show of more gas. 3:00 pm hook up to orifice meter, put on 24/64" choke flow to tank. SD.

12/24/97: TP 35#, flowing 90 MCF. RU Reef to acidize w/ 3000 gals of 15% NeFe and balls. Caught pressure w/ 15 balls on form, pmp'd rest of job @ 3 BPM and 3000#. Started flush, balled off, hit 4000#. Pressure went to 0. Pmp'd flush. RD Reef. POH w/ tbg, found split jt 200 jts dn. Dumped 80 bbls FW dn csg. SI & SD.