

9/13/77	5197	PB - SD a/c Sunday. Prep to swb.	\$11,401
9/20/77	5197	PB - Flwg to pit. Vy set (8 a/c). Yest @ 8 am swb in 800' 12". Used 600' & start swbg. FL 1800'. Flg 1800'. Swbg done sd, clean empty no run. Used 1 1/2 BL in 8 hrs. Ran start flwg 3 hr @ 9/20. Left flwg in 18' BL. Bled flwg 1/2 choke to reserve pit. Left flwg to reserve pit 0'nite.	\$118,417
9/21/77	5197	PB - Prep pull BHP bomb. Left flwg to pit 0'nite. Lost on fire well tester & meas rate TP 60 psig, 3/4" ad choke, 11-45 am 64 MCFPD. 12:45 pm 603 MCF. 1:45 pm 627 MCF; 2:45 pm 627 MCF; 3:45 pm 687 MCF; 4:45 pm 687 MCF. Vy 111 lb wtr, tr condensate. Caught 2 wtr samples & 1 gas sample. SI @ 4:45 pm. RU Tetteller lubricator. Ran pr bomb to 4850' 1/2 pr buildup. Rsn on btm @ 5:23 pm.	\$158,235
9/22/77	5197	PB - Prep to perf Chacra. SI 14 hrs f/BHP buildup. Pld bomb. Rel pkr. Pld tbg & pkr. RU GO Intern'l. Ran Bkr 5-1/2" retrievable WL set bridge plug, set @ 4880'. Bled press off csg. Pmp 5 gal frac sd on BP. Pmp 20 bbl 22 KCl on csg. Removed BHP & Inst spool for dual tbg hangers. RU BOP. SDON.	\$161,199
9/23/77	5197	PB - Prep pull tbg & frac. Perf w/GO Intern'l. 1 JSPE Chacra 3742', 3745', 374 3741', 3740', 3739', 3938', 3937' & 3936' (GR-collared log meas). Ran 5-1/2" Bkr retrievable pkr, spot 500 gal 15% HCl. Set pkr @ 3681', acid dn tbg, use 12 ball sealers. Pr 1600# @ 4-1/2 BPM, ball action on perfs incl'd to 2800' @ 1 BPM. ISD 900#, 10 min 500#. 70 BLAGW. Bled off pr. Rel pkr & lower thru perf to knock off ball sealers. Set pkr @ 3681'. St swbg. Swb 22 BL & swbd dn. Made 2 more runs 30 min apart. Rec'd 10-15 gal/run, vy sml amt acid gas. SDON.	\$165,252
9/24/77	5197	PB - Corr: Perfs shown 3938, 3937 & 3936, should be 3738', 3737 & 3736'. Report of 9/23/77. Cont to swb. Yest am, 14-1/2 hr SITP 0#. Ran swb, less than 500' fld in hole. Pld tbg & pkr. RU Howell. Frac Chacra perfs 3726-3747' OA dn 5-1/2" csg w/22 KCl slick wtr w/2# friction reducer & 30# fld loss additive per 1000 gal; 5000 gal pad; 5000 gal w/1/2# 20-40 sd/gal (2500#); 5000 gal w/1# 20-40 sd/gal (5000#); 10,000 gal w/1-1/2# 20-40 sd/gal (15000#); 3700 gal flush. Total 28,700 gal, 22,500# sd. AIR 25 BPM, Max press 300#. Avg 3000#, ISD 1250#, 900# in 15 min, 2 hrs 175#. @ 12:54 pm 9/23. Bled off press. Ran Bkr retrievable pkr, set @ 3681'. Swbd 60 BLW. -629 BL. SDON.	\$174,611
9/25/77	5197	PB - SD a/c Sunday. 0'ni SITP 0#. Swbd 148 BLW in 9-1/2 hrs f/Chacra perfs 3736-47' OA, plg f/3681'. Vy sml show of gas, TSTM. Rec'd 1 - 1-1/2 BW (pull @ end. -481 BLW. No trouble w/sd. SD f/Sunday.	\$175,642
9/26/77	5197	PB - SD f/Sunday. Prep to swb.	\$175,642
9/27/77	5197	PB - Cont to swb. Yest am, 0# TP, FL 1200'. Swb 91 BLW in 9 hrs. Swb dn, then rec'd 5-1/2 BLWPH, vy sml amt gas ea pull, -390 BLW. SDON.	\$176,961
9/28/77	5197	PB - Testing. Left vented to pit thru choke 0'nite. Ran swb, FL 1800'. Swbd dn, last 3 hrs, rec'd 3-1/2 BLWPH, total fld rec'd in 7-1/2 hrs 45 BLW. -345 BLW, making vy sml amt gas, constantly. Left opp 0'nite.	\$177,960
9/29/77	5197	PB - Prep to pull bomb. Rel pkr, POH, CO, pull BP. Chacra perfs 3736-3747'. Yest am, tbg vented to pit w/choke 0'nite. 1st swb run, gas out fld @ 2000'. Pld f/btm, no solid fld in hole, rec'd 4 BW. Started tst flwg dry gas for 1/2", then slugging wtr heads for 1 hr, flwg varies f/15 MCFPD to 110 MCFPD w/avg approx 60 MCFPD. SI @ 4:30 pm. Tetteller ran press bomb, hung @ 3500' @ 5:45 pm for 12 hr buildup.	\$178,959
9/30/77	5197	PB - Prep to run hyd sd pmp & retrieving tool. Yest am, SI 15-1/2 hrs f/BHP survey. Pld pr bomb. BHP in 16 hr 15 min, 920 psig. Bled tbg pr dn. Rel Bkr pkr & POH. Ran Bkr fishing tool & hydrostatic sd pmp on 2-7/8" tbg. Top sd @ 4795'. Rec'd 11 jls sd in tbg to top of ret'bl BP. Did not rec BP. Left tbg on bank. Closed rams. SDON.	\$180,935
10/01/77	5197	PB - Prep rev circ, pull BP. Bled off csg pr. Started in hole w/retrieving head & hydrostatic sd pmp on tbg. Well kicked & unloaded wtr. Killed well. Ran tbg to BP @ 4880'. Set dn, tried to stroke & tbg stuck. Worked 45 min, pig to 85M #, no movement. Att to rotate to right to unscrew safety jt, would not unscrew. Pld to 85M# & set brake while crew ate lunch, came free in 15 min. POH w/tbg, sd pmp & ret'g head. Did not rec BP. No indication on ret'g head or tbg as to where stuck. Rec'd cup of sd. LD hydrostatic bailer tools. Ran BP retrieving head on 2-7/8" tbg to 3500'. SDON.	\$182,357
10/02/77	5197	PB - SD f/Sunday. Bled off tbg press. Ran in w/tbg & ret'g head. Rev circ on top of BP, latched on & rel BP. Well went on vac. POH w/tbg, head & BP. 13 ball sealers in ret'g head above BP. Poured rope socket & RU 3-1/2" Micco sd pmp. Made 2 runs: 1st run rec'd 3' sd; 2nd run, rec'd 0' sd. Depthometer indicates top sd @ 5102', btm of perfs @ 5146', 9 holes covered. Closed in well & SD f/weekend.	\$184,179
10/03/77	5197	PB - SD f/Sunday. Prep CO sd.	\$184,179
10/04/77	5197	PB - Prep CO sd w/nitrogen & wtr foam. Bled pr off. Ran not'd 2-7/8" OD EHE tbg collar on 2-7/8" tbg, to top sd @ 5004'. Closed pipe rams, left tbg open thru choke to pit 0'nite.	\$185,191
10/05/77	5197	PB - Prep CO sd w/nitrogen & wtr foam. No indication of well flowing f/tbg 0'nite. Bled press off csg. Opn rams & moved tbg. HOWSCO unable to make job. Rel crew @ 1:00.	\$185,813
10/06/77	5197	PB - Prep to run 2-1/16" IJ tbg w/seal assy. Bled press off csg. Hook up HOWSCO & Allied kill truck. Pmp N2 & foam on tbg to CO sd. CO 100' sd to PB 5195'. POH w/2-7/8" tbg, laying dn. Ran Bkr 5-1/2 Mod "OD" prod pkr on BL, set pkr @ 4890' GR-collared log meas. Closed blind rams. Left both side outlets opp to pit.	\$191,458
10/07/77	5197	PB - Prep to kick off. Ran Mv tbg string, 2-1/16" OD 1-1/2 w/subs & seal assembly, 4902.83', landed in Model "OD" pkr w/8000#. Ran Chacra tbg string, 1.50 OD 1-J, landed @ 3731.24' RB. Nipped up dual trees. Pmp out 2-7/8" pmp out plug. Left Mv open to pit 0'nite.	\$213,012
10/08/77	5197	PB - Flwg to clean up. Mv flwg to pit 0'nite. Opn Chacra to pit. 1st zone making some wtr. PD unit & moved to Howard #.	\$213,312
10/09/77	5197	PB - Flwg Chacra to clean up. Mv making some oil to pit w/ gas. SI H. 111 test sepr installed. 30 min SI @ 546#, 1 hr 600#. Chacra flwg to pit to clean up, unloading too much wtr f/test, 1/2" stream.	\$213,312
10/10/77	5197	PB - Flwg Chacra to clean up. Mv SI. Prep RI sepr.	\$213,312
10/11/77	5197	PB - Flwg Chacra to pit to clean up. Moving out production unit today.	\$213,312
10/12/77	5197	PB - COMPLETED FINAL GAS WELL 10/11/77. 2 1/2 Mv perf. 4924-5146' OA SI 75 hrs, TP 920 psig. 2:45 pm 603 MCF thru test sepr, gas qty 4725, pr base 15,025 psig. @ 3:15 pm (1 hr) TP 345#, 374" plate in test cell. Frac perfs vol 1970 MCF, 4:15 pm TP 255#, vol 1850 MCF, 5:15 pm TP 245#, vol 1740 MCF. SI Mv @ 5:15 pm. Made sd and wtr start, no wtr to prod. Pld 1st test, flwg condensate @ 1 qt/70 sec, 25.7 BPM. Chacra perfs 3736-3747' flwg to pit 5 days. Steady trickle of wtr, no oil. Lost orifice well tester, 1-1/4" plate, gas vol 160 MCFD, made 1 qt wtr in 1 min, 10 sec., 2.1 BPM. SI @ 5:40 pm.	\$213,312