

CHRONOLOGICAL DAILY REPORT

NEW MEXICO - MAINTENANCE

Avalon Bone Spring

BURTON FLAT FED B-1 Sec 1, T21S, R27E Eddy Co., NM

Operator: Presidio Exploration, Inc. WI: 1.00 NRI: .8540509

Job type: Recomplete to the Brushy Draw through perms @ 4560-75' & test. If productive, stimulate & complete. If non productive, set plug & perf 4395-4430' & test. Fracture stimulate & complete.

- 10/26/94 **FIRST REPORT.** MIRU; load back side w/50 Bbls field prod wtr & tbg w/10 Bbls; TOH w/175 jts 2-7/8" 6.5# N-80 8rd tbg & SN = 5464.23 SLM; no tbg anchor in hole; RU WSI logging truck & run GR/CBL/CCL fr/5500-2500'; good cmt bond; SDFN; prep to set CIBP. DC: \$6,335 CC: \$6,335
- 10/27/94 Run 4.30 gauge ring & W/L junk basket to 5425' set W/L 4.24 CIBP @ 5410' w/20' cmt on top; PBT 5390'; perf the Brushy Draw formation @ 4560-4575' w/4" csg gun & 8 JSPF w/WSI W/L Co; FL came up hole fr/1400' to 1200' after gun fired (all shots fired); RD & release W/L truck; LD 32 jts 2-7/8" tbg = 798.23'; make up Model "R" 5½" pkr - 2.25 SN & TIH w/143 jts 2-7/8" tbg; set pkr @ 4480'; (btm @ 4487') SN @ 4480'; RU swab lubricator & swab back tbg vol; made 5 runs to SN; 1st run FL 1200'; rec'd 27 BLW; last 2 runs fr/SN; FL was @ 4200'; wait 1 hr & make run #6; FL @ 3900'; 300' of entry; wait 1 hr & make run #7; FL 4200' - no recovery. DC: \$8,505 CC: \$10,335
- 10/28/94 7 am SITP 0#; FL 4100'; made 1 swb run to SN @ 4479'; rec 1/2 Bbl black formation water; no oil or gas; RU Dowell & acidize Brushy Draw perms 4560-4575' w/1500 gal 15% HCL & flush w/28 Bbls 2% KCL wtr, max press 2600 psi; 5 BPM; breaking back to 1650 psi w/acid on perms; flush rate 6 BPM @ 1650 psi; avg press 1690 psi, avg rate 3.9 BPM; ISIP 920# 5 min 850#, 10 min 810#, 15 min 800#. Release Dowell; total load 64.9 Bbls; let acid set on formation; check tbg press 690#; flowed back 3 BLW in 2 min & died; RU & swab back 45 BLW in 10 runs; 5th run - FL 4200'; rec'd 2 Bbl heavy oil/gas cut wtr; 10% oil cut; swabbing from SN @ 4479'; making 1 swab run/hr after 5th run; FL staying @ 4100'; pulling fr/SN; recovering heavy oil/gas cut load wtr; last 2 runs were cutting 15%; total load rec'd = 45 Bbls. DC: \$5,456 CC: \$15,791
- 10/29/94 7 am 13 hr SITP 125#; FL @ 3000'; 1300' of entry. Made 1 swab run to 4479', rec 8 Bbls heavy gas/oil cut wtr; 20% oil cut; total load rec'd 53 Bbls; left 12 Bbls in perms @ 4560-4575'; total load pumped 65 Bbls.; Released pkr; load hole w/50 Bbls prod wtr; remove tbg valve & flange; NU 6" 3M double BOP w/2-7/8" rams on btm; TOH w/pkr; LD 5 jts tbg = 151.53'; RU WSI wireline truck; set wireline bridge plug w/8' sand on top @ 4515'; perf Upper Brushy Draw formation @ 4395-4430' w/8 JSPF, no surface press; TIH w/5½" Model "R" pkr & retr head; well started flowing up csg w/30 jts tbg IH; out run it to 2500' & had to close pipe rams; ISI CP 75#, 15 min 375#, TP 200#; RU choke & kill well w/10# brine water & kill truck; max CP 900# w/775 on tbg; well dead @ 10 PM; FTIH w/pkr; remove BOP & set pkr @ 4533'; NU wellhead & test pkr @ 500# - OK (SDFN @ 11:30 pm). DC: \$860 CC: \$22,718