

CHRONOLOGICAL DAILY REPORT

NEW MEXICO - MAINTENANCE

Avalon Bone Spring

BURTON FLAT FED B-2

Sec 1, T21S, R27E Eddy Co., NM

AFE: NM-94-W104

Gross AFE Cost: \$75,000

Operator: Presidio Exploration, Inc. WI: 1.00 NRI: .82937875

Job type: Recomplete in the Bone Spring through perf's @ 5430-50' & test. IF productive, stimulate & complete. If non productive, set plug & perforate 5306-5322' & test. Fracture stimulate & complete.

- 10/26/94 **FIRST REPORT.** MIRU; load tbg w/50 Bbbls field prod wtr & 10 Bbbls down tbg; remove tree (plunger left head); nU 6" 3M double BOP w/2-3/8" rams on btm; no string wt when we PU on tbg; tbg parted 5 jts below surf; split collar; MU 2-3/8" collar & TOO; screen into tbg (string had dropped 190' to btm); PU 6 jts tbg to get on to fish; work tbg anchor free; LD 2-3/8" tbg string (cork screwed back) 174 jts - no tally; move 2-3/8" tbg off rack & replace w/117 jts 2-7/8" 6.5# N-80 8rd & SIH w/5/8" csg scraper & 4-3/4" bit; SDFN w/scraper @ 310'.
DC: \$2,635 CC: \$2,635
- 10/27/94 PU & run 180 jts 2-7/8" 6.5# N80 8rd tbg w/bit & csg scraper; pump 45 Bbbls 231°F wtr down 1st 3560' of tbg to clean; paraffin out of tbg; hole will not circ; TOO; LD bit; RU WSI W/L truck & pack off; run Gr/CBL/CCL fr/5600 to 3700'; top of fluid - run gauge ring IH to 5550 & run & set on AIF; 4.85 CIBP @ 5500'; fill hole w/production wtr & finish logging fr/3700-2500'; very good cmt bond; pump 80' on top of CIBP; PBTD 5480'; run 4" csg gun & perf thru Bone Spring @ 5430'; 5450' w/8 JSPF - no surface press. RD & release W/L truck. 8 pm SDFN w/tbg on bank; will SIH w/pkr @ 7 am; rec'd 1017' 2-7/8" 6.5# N80 8rd fr/Double "R" pipe @ \$2.25/ft; transferred 32 jts = 998.45' of 2-7/8" 6.5# N80 fr/the B-1 to the B-2; rent 300' 2-7/8" 6.5# N-80 tbg.
DC: \$12,202 CC: \$14,837
- 10/28/94 MU 5/8" Mod "R" pkr 2.25" SN & TIH w/174 jts 2-7/8" tbg - 5344.49'; set pkr @ 5358 w/10,000# down; SN @ 5357'; remove BOP; NU try; install new 2-7/8" 5M# tbg valve; swab tbg volume down to SN @ 5357'; 31 Bbbls no oil/gas; RU Dowell & acidize the Bone Springs @ 5430-5450' w/1500 gal 15% HCL - max TP 3500 & broke back to 2100 psi @ 6 BPM w/acid on perfs; avg press 2780#, avg rate 5.3 BPM; flush to btm, perf w/33 Bbbls 2% KCL wtr; ISI 2000#; 5 min 1850#; 10 min 1800#; 15 min 1790#; 60 min 1160#; let acid set on formation 1 hr; flowed back 10 BLW in 1/2 min & died; made 8 swab runs; 1st run FL @ surf; swabbed fluid down to SN in 6 runs; rec'd 42 BLW; last 2 runs no recovery; FL @ 5200'; no gas or oil shows. SDFN w/FL @ 5600'.
DC: \$7,021 CC: \$21,858
- 10/29/94 7 am SITP 100 psi; FL 3400-850'; swb back LW; 1st run FL @ SN 5356'; rec 5 Bbbls heavy acid gas cut wtr; no oil cut; 2nd run FL @ 5200'; no rec; making 1 swb run/hr rec'g 1/4 - 1/2 bbls/run; total 7 swb runs; FL staying @ 5100-5200'; tr gas behind each run - tr oil; total load rec 58 Bbbls; 12 Bbbls in formation & csg below pkr; remove wellhead; NU 6" BOP w/2-7/8" rams on btm; rel pkr; RU floor & prep to TOH w/pkr & PB.
DC: \$1,770 CC: \$59,654