

WORKOVER

SAGEBAR RANCH "B" #1
 AFE NO. 9431
 Lea County, New Mexico

- 11-10-78 4 hrs. WSI; Move equip. from wrong location-right location; 1 hr. pump 180 BFW; SI for 10 min. & took 10 bbls. to catch fluid; Pumped into @ 3-3-1/2 BPM @ 2000#; 1 hr. CI for 45 min.; Took 37 bbls. to catch fluid; Pumped total of 110 bbls.; Load 290 BF; 1 hr. WSI; WO wtr.; 1/2 hr. pumped 50 BW; Took 45 bbls. to catch; 1/2 hr. WO wtr.; 3 hrs. batch mix 35 sx Class "H" .5% Halad-9, 1/4# Floccale; Mixed 15.3 ppg; (Ran 3 bbls. cmt. slurry & dropped 15 ball sealers ff w/4 bbls. slurry) Displaced w/1/2BW, 12 bbls. 10% MSA acid & 75-1/2 BW @ 2 BPM @ 10,008'; 1200# when cmt. & balls hit form.; Slight press. incr. to 3000#; Broke back to 2300#; Press. back up to 2500# w/1/2 BW & held 2500# for 30 min.; 13 hrs. SIFN; Will press. test this a.m.; New PBTD at 12,644'; (Plan to perf. upper zone this a.m.).
- 11-11-78 1 hr. press. up to 6000 psi on tbq. for 20 min.; RD Howco; 2-1/2 hrs. RU CRC Wireline; 1-1/2 hrs. TIH w/WL & check TD; Found TD @ 12,441'; 1 hr. TOH w/WL tools; 1-1/2 hrs. RD CRC; 16-1/2 hrs. SI.
- 11-12-78 4 hrs. setting anchors & setting up DA&S Well Service unit; 4 hrs. remove tree & RU BOP & test.; 1 hr. RU Halliburton; Press. on tbq. to 1000# & pull seal assembly out of PBR; Circ. pkr fluid out of well to tank; 1 hr. pull wrap around & upside down joint & pup; Set mats; 14 hrs. SI.
- 11-13-78 1 hr. RU big slips & elevators; 7 hrs. POH w/2-7/8" 6.50# CS-CB tbq.; 1/2 hr. change slips, elevators & tongs for 2-3/8" tbq.; 3-1/2 hrs. PU & GIH w/3-5/8" OD mill, csq. scraper, X-over (6.97" long) & 56 jts. 2-3/8" 5.95# P-105 PH-6 tbq. (1803.43'); 12 hrs. SI.
- 11-14-78 4 hrs. TIH w/tbq. & mill; Tagged btm w/mill @ 12,456'; 1 hr. reversed spot acid out of hole; 2-1/2 hrs. RU stripper head & power swivel; 3-1/2 hrs. drlg. 104' of cmt.; New PBTD 12,560'; 1 hr. circ. hole clean; 12 hrs. SIFN; Will check for fill; Spot acid and TOH this a.m.
- 11-15-78 1/2 hr. circ. hole clean; 1/2 hr. LD power swivel & pull 2 jts.; 1 hr. press. csq. to 3000 psi; Cmt. plug held OK; Spot 500 gals. 10% MSA acid @ 12,510' (weighted to 3.9 ppg); 1 hr. RD stripper head & RU to pull tbq.; 5 hrs. pull 2-7/8" tbq. & stand back; 2-1/2 hrs. LD 1803' 2-3/8" tbq.; 1/2 hr. PU seal assembly & GIH w/2 stands 2-7/8" tbq.; 13 hrs. SIFN.
- 11-16-78 3-1/2 hrs. TIH w/2-7/8" tbq.; Check spacing; 1 hr. install wrap around; 1-1/2 hrs. pump 170 bbls. 9.97 ppg brine pkr. fluid; PH 10.8; Followed by 64 bbls. treated FW; Stung in PBR w/25,000# slack off; 2 hrs. remove BOP & install tree; Test tree to 10,000 psi; 3 hrs. RU CRC WL; Started in hole; Stopped @ 300'; Lubricator leaking; Repaired; Tested lubricator; Still leaking; Started to RD & tool hung w/ top @ 48' (28-1/2' length of tools); 13 hrs. SIFN; Prep to attempt to retrieve tools.
- 11-17-78 1 hr. worked w/stuck perf. gun; Pulled out of rope socket; 1 hr. RD Western CRC WL Company; ND tree; 2 hrs. WO fishing fool and 1-5/8" tbq.; 1 hr. tagged fish @ 27' below ground level; 1-1/2 hrs. worked w/OS attempting to retrieve; 2 hrs. pulled 2 jts. tbq. to retrieve perf. gun; Went down hole; 2 hrs. inspected tbq.; Found nothing wrong; Stung back into PBR; RU CRC in WL and run CR sinker bar 12,482'; Did not attempt to go deeper; 2 hrs. NU tree and test; Will attempt to perf. and treat today; SIFN.
- 11-18-78 6 hrs. RU CRC WL; Perf. w/2" de-centralized Posi-Jet Premium (.36" holes) @ 12,458', 60', 62', 66', 68', 70', 72', 74'; After 1st two shots TP 600 psi; TOH; Lost btm. 9-1/2' of guns; TIH w/sinker bars; Tbg. free; RD CRC; 1 hr. RD unit; 1 hr. RU Howco; Broke down perfs. @ 4800 psi; Pumped total of 5 bbls.; ISIF 3500 psi; 3 hrs. clean well up; Flowing to pit; 13 hrs. SIFN.
- 11-19-78 1 hr. flow well to make sure it was cleaned up on a 14/64" choke @ 3100 psi TP; 1 hr. RU Halliburton to acidize Morrow formation; 1 hr. acidize the well w/3000 gals. of Morrow flow acid; Max. press. 7800 psi @ 5-1/2 BPM; When acid hit formation broke to 7000 psi; Press. increased back to 7800 when the first 4 ball sealers hit; Broke to 7000 psi when all acid was in; ISIF 4500; BLTR 115 bbls.; Avg. treating rate was 5 BPM; 2 hrs. cleaning well up; Treatment; 1 hr. put well on line to finish cleaning it up; On line @ 2 MMCF, FTP 2500 psi; 18 hrs. flowing well to sales line.
- 11-20-78 24 hrs. flowing to sales; Flowing @ 2.7 MMCFPD; FTP 2750 psi; 2 BWPH; *Cutting back to smaller rate.
- 11-21-78 24 hrs. flow to sales 2.0 MMCFPD; 1 BWPH; FTP 3520 psi.
- 11-22-78 Flowing to sales 2.2 MMCFPD @ 3750 psi FTP; 5 BWPD; 1-2 BOPD.