

Mountain States Petroleum  
Standard State #7  
Sec. 5-8S-27E, Acme San Andres  
Chaves County, New Mexico

WELL COMPLETION HISTORY

- 4-5-91 On location 8:00 A.M.  
Dowell spotted 250 gallons 20%; Schlumberger perforated 2 shots per ft. 2161', 2165'. Set packer at 1700'. Broke formation at 1700#'s,  $\frac{1}{2}$  BPM; ISIP 1400#'s; after 15 minutes 1100#'s. Opened choke, blew very little. Swabbed 2 days, got load back but no shows.
- 4-16-91 On location 7:00 A.M.  
Dowell spotted 100 gallons 20%; Schlumberger perforated 4 shots in  $1\frac{1}{2}$  ft, 3 x's - 2141'-2143.5', 2148.5'-2150', 2152'-2153.5'. Set packer at 2,000'. Acidized with 250 gallons 20%. Broke formation at 1700#'s,  $\frac{1}{2}$ -4 BPM. Took pressure to 2,200#'s. ISIP 1500#'s; after 15 minutes 1200#'s. Opened choke, slight blow, then vacuum. Swabbed back load, no shows.
- 4-19-91 On location 6:00 A.M.  
Schlumberger set bridge plug at 2130'. Dumped 5 gallons of sand. Spotted 250 gallons of 20%. Schlumberger perforated 19 shots at 2034'-2043'; 5 shots at 2059'-2061'. Set packer at 1650'. Dowell acidized with 2,250 gallons of 20%. Ran 54 ball sealers. Broke formation at 1000#'s. Dropped 1 ball per minute, rate 2-3 BPM. At 80% job completion, balled out. ISIP 1300#'s; after 15 minutes 1100#'s. Load came back strong and blew 1 hr. Swabbed 90 bbls fluid, no shows.
- 4-20-91 Swabbed 117 bbls, no shows.
- 4-23-91 Schlumberger set bridge plug at 2,025'; dumped 5 gallons sand.
- 4-24-91 On location 6:00 A.M.  
Spotted 250 gallons of 20%. Schlumberger perforated 4 shots per ft., 1926', 1940', 1943', 1946', 1950'-1956'; 44 holes. Set packer at 1,553'. Dowell acidized well with 2,250 gallons of 20%. Broke formation at 1600#'s, 2-3 BPM; dropped 88 balls. At 80% job completion, balled out. ISIP 1400#'s; after 15 minutes 350#'s. Opened choke, blow back weak. 1st swab run well kicked hard, blew 35 minutes, swabbed until dark.
- 4-25-91 On location 7:00 A.M. Tbg pressure 235#'s, 55 sec. blow, swabbed until dark.
- 4-26-91 On location; 235#'s tbg pressure; swabbed.
- 4-27-91 On location; 160#'s tbg pressure; swabbed.
- 4-29-91 Recovered complete load. Swabbed 23 bbls fluid into tank. Ran 5/8" rods and 8' pump. Seating nipple at 1,910'. Hung well on.
- 8-13-91 On location 7:00 A.M. Swabbed well down. Set packer at 1913'. Dowell acidized with 3,000 gal. 20% LCA. Pressure 1800#'s. Rate 6.5 BPM. Dropped 22 balls. At 1500 gal. gone. ISIP 1300#'s; 5 min. 1050#'s; 10 min. 660#'s; 15 min. 540#'s. Load came back strong. Blew for 10 min. Swabbed 3 days, recovered load of 80 bbls. Good show of oil. Hung well on.