

Morton Solid State #1

Lea County, New Mexico

Continued --

01-08-85 Drilling cement from 7962' to 7963'. Shut well down for night.  
01-09-85 Drilled cement from 7963' to 8015'. Run tubing & bit to 8500' and reversed sand off bridge plug and pulled tubing with drill collars and bit. Run tubing in hole to pull bridge plug. Tested casing to 1000#. OK.  
01-10-85 Run tubing and bridge plug to 10,480' and reversed hole with 2% KCl water. Pulled tubing with bridge plug. Rip up CRC Wireline and set 5½" cast iron bridge plug @ 10,455'. Run tubing with a Halliburton packer. Shut down.  
01-11-85 Finish running in hole with tubing to 10,396'. Rig up Halliburton and spot 200 gallons 15% MOD-202 acid. Pulled and set packer @ 10,396'. Rig up Halliburton & spot 2000 gallons MOD-202 acid. Formation broke @ 6300#. Treated @ 2 BBLs per min. @ 6200#. Flushed with 2% KCl water. Maximum pressure 6300#, minimum 6200#. Average rate - 2 barrels per minute. ISIP - 5300#; 5 min. - 5000#; 10 min. - 3400#; 15 min. - 2900# with 118 BBL load to recover. Rig up swab. 1 fluid level @ surface. Final fluid level @ 8000'. Recovered 63 barrels load water with no show of oil or gas. Shut down for night with 55 barrels of load to recover.  
01-12-85 Shut in total pressure - 200#. Open well bled off. Ran swab - 1st fluid level at 6000'. Swabbed 30 bbls load water and spent acid water. Final fluid level @ 8000'. Rig down swab. Released packer - pulled out of hole. Layed down packer. Ran in hole with 282' of 2 7/8" EUE tbg. with tubing anchor and seat nipple on bottom. Shut down for night.  
01-13-85 Shut down due to bad weather.  
01-14-85 Shut down due to bad weather.  
01-15-85 Ran 357 joints 2 7/8" tubing with seat nipple and tubing anchor. Seat nipple @ 10,396'. Set tubing anchor with 12 pts. pull on it. Run rods. Pump: 25 - 125 RWBC 20 - 6 - 25 with 1' GA, 223 3/4" rods & 92 7/8" rods & 97 1" rods with 2 - 2 subs, 1¼ x 22 PR with 15' in hole. Well on pump at 2:00 p.m.

FEB 25 1985