

## Daily Report

### Workover & Recomplete in Morrow Sands

Cueva Unit #1  
Sec. 6-T23S-R26E  
Sheep Draw Field  
Eddy County, New Mexico

- 4-2-96 Drilled on cement retainer for 2.5 hrs and started drilling cement. Drilled hard cement from 10,098' to 10,268' and fell free. Continued in hole to 10,300'. Circulated hole clean. Pressure tested casing to 2500# and held. Broke off and laid down swivel. Tripped out out of hole with tubing and drill collars. Broke off bit. SION.
- 4-3-96 Made up new 4 3/4" Hughes milltooth skirted reverse bit. Went in hole with drill collars and tubing. Tagged CIBP at 10,960'. Picked up swivel and started drilling on CIBP. Drilled on CIBP for 45 minutes and plug turned loose. Chased plug to bottom at 11,388'. Picked swivel back up and tried to clean out deeper to 11,490'. Unable to drill past 11,398' due to plug spinning. Circulated hole clean. Broke off swivel and stripper head. Pulled out of hole with tubing and laid down 6--3.5" drill collars. Made up bit, scraper, XO, and went in hole with tubing making scraper run. Released reverse unit. SION.
- 4-4-96 Picked up 3 joints tubing and got below 11,250'. Tripped out of hole with tubing. Broke off and laid down scraper & bit. Prepared to run CBL. Atlas wireline truck did not have enough line. Rigged down truck and rigged up second truck. Unable to get CBL tool to work. Rigged down Atlas Wireline. Made up Guiberson 5.5" x 2 3/8" Uni-VI 10K w/XL on/off tool w/1.81" F profile. Wireline entry guide on bottom. Went in hole with 364 joints 2 3/8" N-80 tubing to 11,234'. Rigged up Halliburton. Circulated hole with 2% KCL Water and spotted 500 gal. 7.5% Mod-101 acid from 11,234' to 10,680'. Pulled packer up to 11,204'. Reversed acid into tubing with 10 bbls. Set packer with 15K compression. Pressured up on annulus to 1000#. Bled down to 300# during job. Pressured up on tubing to 1800# and started feeding into formation at .25 bpm. Increased rate to 1 bpm at 1980#. Increased rate to 2 bpm at 2795#. Increased rate to 2.5 bpm at 3565#. Did not communicate with casing. ISIP--2369 5 min--1595 10 min--1300 Avg rate 2 bpm at Avg pressure--2725# Total load to recover--58 bbls. Rigged down Halliburton. Rigged up swab unit. Well flowing back steady 1" stream while rigging up swab unit. Initial Fluid level at surface. Swabbed until 11:00pm. Final fluid level at 6,000'FS. Left well open to pit overnight.