

HORSESHOE GALLUP UNIT WELL #53
SAN JUAN COUNTY, NEW MEXICO

Well Data:

Location: 660' FSL, 1980' FEL, Sec. 30-30N-16W
San Juan County, New Mexico

Elevation: GL 5472', KB 5479'
Log measured from KB

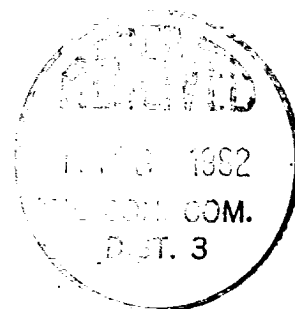
Casing: 4-1/2" 9.5# set @ 1371' RKB, cemented w/150 sx
Diamix

Perfs: 1183-1211', 1284-1318' ELM

Tubing: 1 jt tbg 2-7/8" 10R NU J-55 6.4# 14.25'
1 SN 2-7/8" 10R 1.10'
44 jts tbg 2-7/8" 10R NU J-55 6.4# 1267.02'
1282.37'
RKB to tbg collar 6.00
1288.37'

T.D.: 1376'

PBTD: 1339'



Note: There is a leak in the casing somewhere between 540' and 835'. There is also a tight spot at approximately 1140'. A 3-1/2" sand pump has passed through it.

Workover * Casing leak must be repaired before well is produced.
Procedure: Notify this office by Sundry Notice of intent on plans to repair casing.

1. MIRU. POH w/tbg, rods and pump. Note what kind of scale is present.
2. GIH w/perforating gun and perf opposite 4-1/2" csg w/2 jet SPF from 1284-1308' RKB and 1183-99' RKB. Use premium quality deep penetrating charges.
3. GIH w/work string and packer. Set packer @ 1100' RKB. Pump 5000 gal 15% HCl. Acid to contain iron sequestering agent, surfactant and corrosion inhibitor.
4. Wait one hour, then swab back acid.
5. With packer again @ 1100' RKB, pump 100 bbls water mixed w/110 gals S-271 ARCO scale inhibitor. Flush w/20 bbls water.
6. POH w/packer. Shut-in overnight.
7. RIH w/production tbg, rods and pump. Space pump and resume normal pumping operations. Put well on test.