

**SOUTH CORBIN FEDERAL #3**  
**554' FSL & 554' FEL, SEC. 20, TWP 18-S, R33-E**  
**LEA COUNTY, NEW MEXICO**

1. Hold prejob safety meeting with all personnel on location. Discuss operations and expectations.
2. Load hole with 116 bbls of 2% KCL water. Spot 30 100# sacks of sand from CIBP @ 13,460' to 12,860'. Let sand settle over night.

**Tubing:** 3-1/2" 9.3#, N-80, Hydril-CS landed @ 10,655'. Capacity: .008696 BBLS/FT, Tensile: 207,000#, Burst: 10,160#, Collapse: 10,530# (100% ratings) ID: 2.992", Drift: 2.867"

**Casing:** 3-1/2", 10.3#, L-80, FL4S, From 10,655' to 13,615'. Capacity: .008294 BBLS/FT, Tensile: 185,000#, Burst: 11,560#, Collapse: 12,120#, ( 100% ratings ) ID: 2.922", Drift: 2.797".

3. Rig up wire line with 3000# pack off and lubricator. Run in hole with 2.2" gauge ring to 12,860' & tag sand. ( top of perforations at 13,233') (minimum ID in seal assembly of 2.375" @ 10,655' +/- ) Rig up 2" bailer & bail 20' of cement on top of sand @ 12,860'.
4. Load hole with 2% KCL water, ( 8.4 PPG ) & test plug to 2,000#.
5. Rig up & perforate the Strawn formation. Record any fluid level or pressure changes after each run. Correlate to Dual Burst Thermal Decay Time Log of 2/26/93. ( 3000# Pack off, grease head & lubricator )

<u>PERFORATIONS:</u>	<u>S/FT</u>	<u>GUNS</u>	<u>PENETRATION</u>	<u>FEET</u>	<u>SHOTS</u>
12,210' - 12,240'	4 S/FT	2" thru tubing	13.5" 180 Phasing	30'	120
12,136' - 12,144'	4 S/FT	2" thru tubing	13.5" 180 Phasing	8'	32
11,968' - 11,986'	4 S/FT	2" thru tubing	13.5" 180 Phasing	<u>18'</u>	<u>72</u>
<b>TOTALS &gt;</b>				<b>56'</b>	<b>224</b>

6. Flow well back over night to test tank.
8. Rig up BJ Titan to acidize. Hold & document prejob safety meeting with all personnel on location. Acidize the Strawn formation with 6,000 gallons of 15% NEFE acid containing the following additives:

4 gpt Ferrotrol-270 (Iron Control Product),  
2 gpt CI-27 (Corrosion Inhibitor),  
2 gpt Ferrotrol-271 (Iron Control Product),  
1 gpt NE-13 (Non - Emulsifier).

350 1.3 s.g. balls to be dropped @ 3 balls per bbl starting 12 bbls into the acid job.

Displace acid with 2% KCL water containing 1 gpt NE-13 (Non - Emulsifier).

**Maximum Rate: 6 bbls/min, Maximum Pressure: 5,000#.**

9. Flow well back. Record rates, pressures, gas & oil cuts.
10. In the event that the well will not flow, MIRU swab rig. Swab test Strawn zone.
11. If the well proves economical put well on production. (rod string will be designed after oil / gas / & water cuts are know )