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**Remarks and Treatment**
- Spud Mud: Water Non-Dispersion
- Switch to Cyfan
- Maintain
- Raise Wt. 2ks lbs Carb 3 Cyfan
- Water zones, increase barite
- Swelling Clays as above
- Ream to Bottom
- Ream to Bottom
- Maintain 3 Cyfan
- Treat with 3 Cyfan
- Hold as is 1 Cyfan

**Note:** From 12/10 to 12/18 Mud engineer Frank McKane on vacation, Gary Horace doing mud engineer's job.

12/12 clean mud pits of sand, cond mud at shoe.
Fishing for tools
Fishing
Fishing
MLK gel keep vs 100 & Bar wt 0.8
Keep vs 0.3842 and Wt 9.0 or less
NO REPORT
CASting
CASting
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**Remarks and Treatment:**
- Maintain
- Add LCM
- No returns add LCM
- Small returns add LCM
- 60-70% returns add LCM
- 90% returns