PROCEDURE

PADDOCKUNIT # 88

- Pull and lay down rods and tubing as shown on wellbore .ketch. 1.
- 2. Spot a 100 ' (25 sx) Class "C" cement plug from 5200 ' to 5100 ' above the Paddock - tag to verify location. (A CIBP with 35' (8 sx; 16 sx if through tubing) cement on top may be set in place of this plug.)
- 3. Circulate hole with mud (see "C" above).
- Determine freepoint of 7 " casing (T.O.C. @ 3575 ' by temperature survey): 4.
 - a. If freepoint is at or below 3800', cut and pull _7___ " casing, then proceed with steps 5 and 6.
 - If freepoint is above 3800' place the plugs shown in step 6 which are Ъ. below the freepoint before making the cut.
- 5. Spot a 100' Class "C" cement plug (_35_sx) across the _7_" casing cut (tag). Combine with plug above San Andres, if economic.
- Spot 100' Class "C" cement plugs above the San Andres (<u>30</u> sx) from 3800' to 3700', above the Queen (<u>30</u> sx) from 3300' to 3200' and across the <u>9-5/8</u>" intermediate casing seat (<u>50</u> sx) from <u>2725</u> ' to <u>2625</u> ', if exposed (tag). Increase plug to 50 sx each if above 7" casing cut.
- 7. Determine freepoint of <u>9-5/8</u> " intermediate casing (T.O.C. at: 1300' by temp. survey.
 - a. If freepoint is at or below 1200" -

 - cut and pull <u>9-5/8</u>" casing
 spot a 100' (<u>55</u> sx) plug across the casing cut (tag).
 spot a 200' (<u>150</u> sx) Class "C" cement plug from 1200' to 1000' above the salt (tag).
 - b. If freepoint is above 1200' -
 - 1) and T.O.C. is below 1200' (T.O.C. @ 1300' by temp. survey.)
 - Perforate 9-5/8" casing at 1100' and attempt to pump in and a) break circulation to surface outside 9-5/8 '
 - (1) If can pump in -

- squeeze annulus and leave plug from 1200' to 1000' above the salt inside 9-5/8 " under a cement retainer at 975' with 300 sx Dowell RFC cement (or equivalent). Close <u>9-5/8</u>" x <u>13-3/8</u>" casing valve before pumping last <u>50</u> sx cement.

(2) If can't pump in -

- spot 200' (_100_sx) plug inside <u>9-5/8</u>" casing from 1200' to 1000' above the salt (tag).
- b) Cut and pull <u>9-5/8</u>" casing if freepoint is at or above surface (13-3/8") casing seat at 202'.
- c) Spot a 100' (_70_sx) Class "C" cement plug across the cut (tag).
- 8. Set a 100' Class "C" cement plug from <u>275</u> ' to <u>175</u> ' across the surface (<u>13-3/8</u>") casing seat (tag, if exposed) and below the Ogallala -

<u>50</u> sx if in <u>9-5/8</u> <u>70</u> sx if in <u>13-3/8</u>"

9. Spot a 10 sx plug at the surface.

10. Set an approved dry hole marker and prepare the well for abandonment.

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