

Type of Job* P&A P&A

12. Pull up in casing to 4756' and and reverse circulate to clear tubing. Circulate 9.5 ppg mud laden fluid to surface. POH w/ workstring.
13. RIH w/ jet cutter to 4600'. Jet cut casing and attempt to POH w/ 5-1/2" casing. This step is being done for safety, since the well history indicates that the slips and casing are welded to the wellhead. If the casing was hung off in tension, a very dangerous situation could exist if the casing was cut off near the surface. POH w/ 5-1/2" casing. Junk casing unless visual inspection indicates good pipe. Set 150' csg. stub cmt. plug from 4525' to 4675'. TAG PLUG.
14. RIH w/ workstring to to 2479' and pump the following balanced plug to fill the open hole and cased hole above the shoe with cement from 2480' to 2355'. This requires 55 sacks, assuming a 70% efficiency in the annulus. Be sure the 2-7/8" X 9-5/8" annulus is open before pumping cement.

Plug Set:

Depth ----		Type Plug*	Tagged (yes/no)
Top'	Bottom'		
<u>2355</u>	<u>2480</u>	<u>CEMENT</u>	<u>YES</u>

Cement:

Volume of Cement 55 (sacks)
 Cement Class* APICLSC API CLASS C
 temp pkr or Retainer Depth ---- (ft)
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15. Pull up in casing to 2301' and and reverse circulate to clear tubing. Allow plug to set, then tag plug with workstring and report cement top on morning report. If top of cement is below 2380' bring cement top to 2380'. Circulate 9.5 ppg mud laden fluid to surface.
16. PUH w/ workstring to to 150' and pump the following balanced plug to fill the 9-5/8" casing with cement from 150' to 0'. This requires 51 sacks. Be sure the 2-7/8" X 9-5/8" annulus is open before pumping cement.

Plug Set:

Depth ----		Type Plug*	Tagged (yes/no)
Top'	Bottom'		
<u>0</u>	<u>150</u>	<u>CEMENT</u>	<u>YES</u>

Cement: