

Carper Federal #5
Unit K, 1980' FNL & 1980' FWL
Sec 34-T16S-R31E NMPM
Square Lake Field

Casing:

8 5/8"	@811'	50sx
5 1/2"	@3375'	100sx
4" liner	3281'-3741'	50sx
2 7/8" tubing w/injection packer @2460'		
Perfs:	3460'-3710'	

Formation Tops:

Top Salt	803'
Base Salt	1795'
Top Queen	2865'
Base Queen	2885'

Propose to P&A

1. Pull tubing & packer.
2. GIH w/ tubing to TD (aprox. 3741') & spot 35 sx. cement plug.
3. Pull tubing up and WOC. Tag plug at 3200' or higher (80' above 4" liner top).
4. POOH w/ tubing.
5. RIH w/ perf gun and perforate 4 holes @ 2875' (Queen sand).
6. RIH w/ tubing and retainer and set retainer @+/-2825'. Squeeze w/ 50sx Class C w/ 2% CaCl₂. Dump 35' cement on retainer. POOH w/ tubing.
7. RIH w/ tubing and retainer and set retainer @1950'. Establish injection into holes between 2000' and 2460'. Cement w/50sx Class C w/ 2% CaCl₂. Dump 35' of cement on retainer. POOH w/ tubing.
8. Cut & pull 5 1/2" casing @ 800'.
9. RIH w/ tubing and 8 5/8" retainer and set retainer @750'. Cement w/ 50sx Class C w/ 2% CaCl₂. Dump 35' of cement on retainer. POOH w/ tubing.
10. Pressure test 8 5/8" to 500 psi.
11. If casing tests:
RIH w/ perf gun and perforate 4 holes @ 300'. Attempt to circulate.

If casing does not test:
RIH w/ packer and locate holes.
12. Attempt to establish circulation down casing.
If circulation is established:
After circulation is established, pump 50-100 sx Class C, leave 100' of cement in casing. WOC.

If circulation is not established:
Pump 50 sx Class C out of holes and leave 100' of cement in casing. WOC.
13. RIH and tag plug.
14. Cement abandonment marker w/ 10 sx plug.