

Cola ADO State Com #1
Sec. 31-T8S-R33E Chaves County, NM

P&A Procedure - Revised 8/11/94

Main Procedure

1. Perforate tubing 100-150' above top of cement (expect approximately 5600') and pressure up on tubing. Establish rate. If cannot establish rate, then go to Option 1.
2. Back off tubing above stuck point (stuck at 3265').
3. TIH with wash pipe and start washover operations. Recover as much tubing as possible, but do not try to back off below 4900'. (Possible collapsed casing at 5000'). Close rams on tubing and pressure up to make sure perms still open.
4. Set cement retainer above tubing stub and rig up squeeze manifold.
5. Attempt to pump ^{volume of cement calculated} ~~cement volume~~ from retainer to bottom perf at 9163'.
6. Reverse out and TOH.
7. Cut and pull 4-1/2" casing (est. top of cement at 5500'). If unable to pull casing from below 3730' (50' below the 8-5/8" casing shoe) go to Option 2.
8. Set a 100' (25 sx minimum) cement plug across 4-1/2" casing stub.
9. Set a 195' cement plug from 3535-3730' (across 8-5/8" casing shoe and top of San Andres at 3585').
10. Set a 100' (25 sx minimum) cement plug from 362-462'.
11. Set a 10 sx cement plug at surface and install P&A marker.

Option 1

1. Start washover operations and recover as much tubing as possible. (Possible collapsed casing at 5000'.)
2. Set CIBP and put 35' cement on top.
3. Go to step #7 on main procedure.

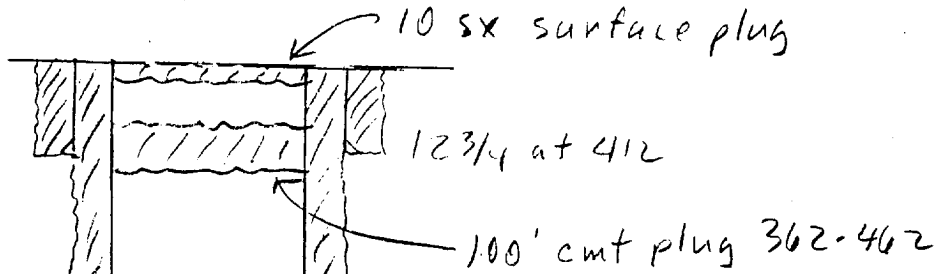
Option 2

1. Perforate 4-1/2" casing at 3730' and establish rate.
2. Set cement retainer at 3535' and pump volume of cement for a cement plug both inside and outside 4-1/2" (across 8-5/8" casing shoe at 3680' and San Andres top at 3585'). ^{195'}
3. Cut and pull 4-1/2" casing.
4. Set 100' (25 sx minimum) cement plug across 4-1/2" casing stub.
5. Set a 100' (25 sx minimum) cement plug from 362-462'.
6. Set a 10 sx surface plug and install P&A marker.

Cola ADO" Et. Com #1

Option #1 - cant pump into.

Tops



3585 SA

195' cmt plug 3535-3730
8 5/8 at 3680

100' cmt plug at 4 1/2" csg stub
4700' top of 4 1/2" stub.
CIRP w 35' cmt
4900' top of tbg
5000-5500 Possible Collapsed Csg

5500' Est Top of cement
Est. 5620-6770 cmt plug

tbg cut at 7075
WL SN at 7075

7365 Abo

8456 WC

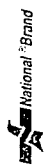
Perf 9069-163

9155 Cisco (Bough C)

4 1/2 11.16" at 9220
2 3/4 at 9070

R. Hater
8-11-94

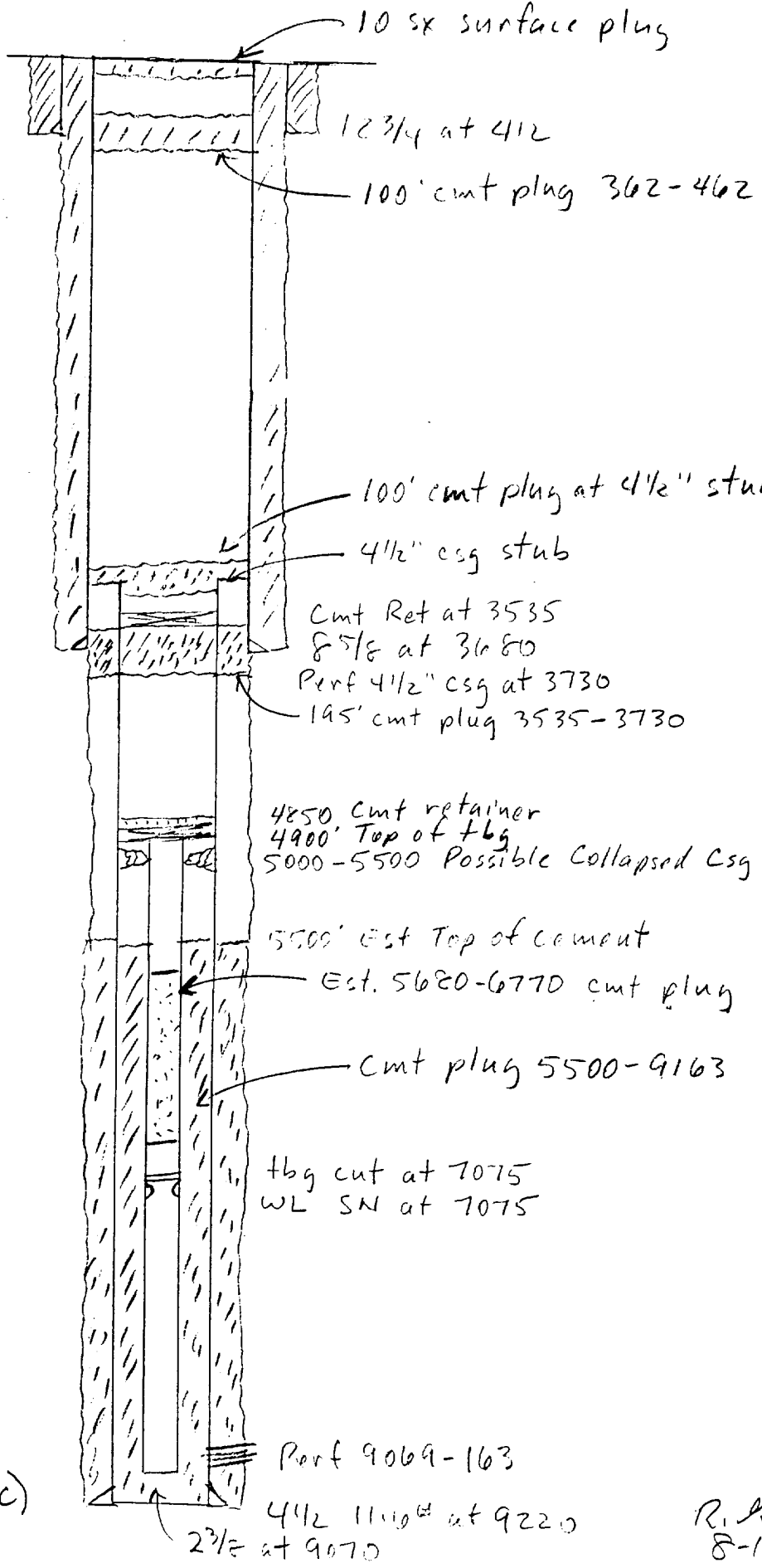
13-22
42-383
42-389
42-392
42-399
500 SHEETS FULLER 2 SQUARE
500 SHEETS FULLER 3 SQUARE
100 SHEETS ENCASE 2 SQUARE
100 SHEETS ENCASE 3 SQUARE
200 SHEETS ENCASE 4 SQUARE
100 RECYCLED WHITE 2 SQUARE
250 RECYCLED WHITE 3 SQUARE
Made in U.S.A.



Cola" ABO" Est. Com #1

Option #2 - can't pull 4 1/2" csg from below 3730

Tops



3585 SA

7365 Abo

8456 WC

9155 Cisco (Bough C)

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8-11-94

10 793 500 SHEETS FILLED 5 SQUARE
 42 231 50 SHEETS RELEASE 2 SQUARE
 42 269 100 SHEETS RELEASE 5 SQUARE
 42 339 100 SHEETS RELEASE 5 SQUARE
 42 359 50 SHEETS RELEASE 2 SQUARE
 42 369 50 SHEETS RELEASE 2 SQUARE
 42 389 50 SHEETS RELEASE 2 SQUARE
 42 399 50 SHEETS RELEASE 2 SQUARE
 42 409 50 SHEETS RELEASE 2 SQUARE
 42 419 50 SHEETS RELEASE 2 SQUARE
 42 429 50 SHEETS RELEASE 2 SQUARE
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