

**PROPOSED P&A PROCEDURE
PARDUE 30 COM #1
AFE #91401082**

1. Kill well with produced water if necessary. ND tree & NU BOP.
2. Circulate hole with brine or plug mud.
3. TOH with 2 3/8" tubing, laying down 2,000' of it.
4. RIH and set a 4.5" 13.50# CIBP above Morrow perms. at 12,000'. Cap this plug with 35' of cement.
5. RIH and set a 7.0" 23# CIBP above top of liner at 10,150'.
6. RIH with tubing and spot a 25 sx cement plug on top of CIBP set in step 5. * 25 SX CEMENT Plug 9330-1220
7. POOH, laying down tubing to approximately 6,045' (100' below Bone Spring top). Circulate and insure hole is full with plug mud, then spot a 200', 60 sx cement plug. WOC and tag this plug.
8. POOH with tubing, laying down all but 3,000'.
9. Work 7" casing slips free and weld on pull joint or spear casing. Freepoint casing to determine where to cut it.
10. Cut 7" casing as deep as practical and pull out hole laying it down.
11. TIH with 2 3/8" tubing to just above casing stub and spot a 100 sx cement plug. TAG
12. POOH to 2,380' and spot a 200' (100 sx) shoe plug. WOC and tag this plug.
13. POOH to 600' and spot a 100 sx cement plug. * Cement Plug 618'-513'. TAG
14. POOH to 100' and pump cement back to surface.
15. Cut off casing heads and weld on dry hole marker and restore location per landowner and State requirements.

Alternate plugging procedure (no 7" pipe recovery):

- 10A) If 7" casing is not free or appears to be cemented very high (above 2,300'), use this method.
- 11A) RIH with 2 3/8" tubing and spot a 200' (50 sx) shoe plug in the 7" casing from 2230'-2430'. WOC and tag this plug.
- 12A) POOH to 600' and spot a 200' (50 sx) cement plug.
- 13A) POOH to 100' and pump cement back to surface.
- 14A) Cut off casing heads and weld on dry hole marker and restore location per landowner and State requirements.