

**ATTACHMENT TO FORM C-105
COLLINS AND WARE
STATE LA #12**

26. Perforation Record.

8325 – 8440	Open hole	ABO
5495	perfed 2 .52" holes	
4604	perfed 2 .53" holes	
7905 – 7925	1 JSPF (21 holes)	Drinkard

27. Treatment Record.

8325 – 8440	AT open hole with 1000 gals Western 16% LST acid. 3/53
8325 – 8440	FT open hole with Dolofrac – 3000 gal treatment with 1500# sand. 3/53
8325 – 8440	AT open hole with 10,000 gals FLA X-2 W-27 acid. 11/62
8325 – 8440	AT open hole with 1000 gals 15% NE acid. 8/69
8250	Set CIBP at 8250. 3/91
5302	Set cement retainer. 12/92
5244	Set cement retainer. 12/92
5495	Cement squeezed with 100 sx Class C neat cement. TOC at 5170. 12/92
4523	Set cement retainer at 4523. 12/92
4604	Cement squeeze with 175 sx Class "C" neat. TOC at 4170'.
8163	Drill out cement retainer at 5302, 5244, and 4523 to PBTD 8163'. 6/98
7905 – 7925	AT with 2800 gals Ferchek acid and 35 ball sealers. Achieved ball out. 6/98
4604	Set retainer at 4513 and squeeze with 100 sx cement. 6/98
5100 – 5545	Spot 40 sx Class "C" neat cement. Drill out. 6/98
4050 – 5545	Mix and spot 1500 gals Howco Flow-check mixture. Circulate to pit. Slightly gelled but not hard. 6/98
5309 – 5509	Spot 200 gals 15% HCL acid. 7/98
5345 – 5545	Mix and pump 200 gals Perma-seal squeeze. 7/98
7905 – 7925	Frac perfs with 46,000 gals Delta-Frac 200 with 74,140# Econoprop 20/40 sand. 7/98