

**SEMU BRITT NO. 61
PLUG AND ABANDON**

Summary: The following procedure is recommended to permanently plug and abandon SEMU Britt No. 61:

1. Set a CIBP at 5600'.
2. Fill wellbore with 9.5 ppg mud.
3. Spot 18 sacks cement on CIBP from 5600' to 5492'.
4. Spot an 18 sack cement plug across 9-5/8" casing shoe from 4050' to 3942'.
5. Spot a 18 sack cement plug across the top of salt from 1380' to 1272'.
6. Perf 7" casing at 370' with 4 JSPF. Pump 125 sacks cement to set plug in 7" casing and fill 9-5/8" X 7" annulus from 370' to surface.
7. Fill 13-3/8" x 9-5/8" annulus with 122 sacks of cement from surface to 370'.

Location: 990' FSL & 990' FEL, Sec. 15, T-20S, R-37E
Lea County, NM

Elevation: 3550' DF (13' AGL)

Completion: Weir-Blinebry
TD: 10,436' PBD: 6292'
Perfs: 5654', 74', 93', 5711', 16', 20', 32', 40', 43', 66' w/1 JSPF.

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	(bbl/ft)	Capacity (ft ³ /ft)
13-3/8	48.0	H-40	319	12.559	770	1,730	.1570	.8817
9-5/8	36.0	H-40	1,147	8.765	1,740	2,560	.0773	.4340
9-5/8	36.0	J-55	3,117	8.765	2,020	3,520	.0773	.4340
9-5/8	40.0	J-55	3,998	8.679	2,570	3,950	.0758	.4257
7	23.0	J-55	5,411	6.241	3,270	4,360	.0393	.2210
7	23.0	N-80	7,744	6.241	3,830	6,340	.0393	.2210
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.03250

13-3/8" casing set @ 319' with 300 sx cement circulated to surface.
9-5/8" casing set @ 3998' with 1925 sx cement. TOC @ 1100' by temp survey.
7" casing set @ 7744' with 500 sx cement. TOC @ 4890' by temp survey.