

BAISH B NO. 1
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Baish B No. 1:

1. Test 7" casing and retrieve RBP @ 8885'.
2. Set a CIBP at 8880'.
3. Spot 18 sacks cement on top of CIBP from 8781' to 8880'.
4. Perforate @ 4790' and establish circulation up 7" X 9-5/8" annulus.
5. Set cement retainer @ 4600' and squeeze 275 sacks cement to cover 9-5/8" intermediate casing shoe and Grayburg-San Andres formation.
6. Sting out of cement retainer and spot 18 sacks cement on top.
- * 7. Spot 49 sacks cement across cut-off 7" casing. [TAG PLUG]
8. Spot 33 sack cement plug across the top of salt from 883' to 983'.
9. Spot 33 sack cement plug across surface casing shoe from 423' to 523'.
10. Spot 25 sack cement surface plug from 76' to surface.

Location: 660' FNL & 1650' FWL, Unit C, Sec. 22, T-17S, R-32E
Lea County, NM

Elevation: 4023' DF (20' AGL)

Completion: Abo-Wolfcamp
TD: 13,657' PBD: 12,190'
Perfs: 8928'-8964' w/1 JSPF
9808'-9875' w/2 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	473	12.559	770	1,730	.1570	.8817
9-5/8"	36.0	J-55		8.765	2,020	3,520	.0773	.4341
9-5/8"	40.0	J-55	4,734	8.679	2,980	5,390	.0758	.4257
7"	26.0	N-80		6.151	5,410	7,240	.0383	.2148
7"	29.0	N-80		6.059	7,020	8,160	.0371	.2086
7"	32.0	N-80		5.969	8,600	9,060	.0361	.2026
7"	35.0	N-80	12,500	5.879	10,180	9,960	.0350	.1966
2-7/8"	6.5	N-80		2.347	11,160	10,570	.00579	.0325

13-3/8" casing set @ 473' with 350 sx cement circulated to surface.
9-5/8" casing set @ 4734' with 3109 sx cement circulated to surface.
7" casing set @ 12,500' with 800 sx. TOC @ 9495' by temperature survey.