

STEVENS B NO. 3
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Stevens B No. 3:

1. Spot a 10 sack cement plug on top of cement retainer @ 3546'.
2. Spot an 11 sack cement plug across top of salt.
3. Perforate @ 400' and circulate 112 sacks of cement to set surface plug.

Location: 660' FNL & 660' FWL, Unit D, Sec. 12, T-23S, R-36E
Lea County, NM

Elevation: 3439' DF (11 AGL)

Completion: Grayburg and Queen
TD: 3885' PBD: 3875'
Perfs: Queen 3648'-3708'
Grayburg 3863'-3875'

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	Capacity (ft ³ /ft)
8-5/8"	24.0	J-55	350	7.972	1,370	2,950	.0637	.3576
5-1/2"	14.0	J-55	3885	4.887	3,120	4,270	.0244	.1370
2-3/8"	4.7	N-80		1.901	11,780	11,200	.00387	.02171

8-5/8" casing set @ 350' with 200 sx cement circulated to surface.

5-1/2" casing set @ 3885' with 900 sx cement. TOC @ 2100' by temperature survey.

Use safety factor of 70% for collapse and burst pressures.

Assume 2-3/8" workstring will be used.

- Notes:
1. All cement slurry used in this procedure shall be Class "C" neat mixed @ 14.8 ppg.
 2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
 3. Notify BLM prior to commencing any work.

RECEIVED

JUN 27 1990

OFFICE
INVESTIGATION