

MEYER B-23 NO. 5
PLUG AND ABANDON

Location: 660' FSL & 660' FEL, Sec. 23, T-22S, R-36E
Lea County, NM

Elevation: 3491' DF (10' AGL)

Completion: Seven Rivers Queen
TD: 3850' PBD: 3830'
Perfs: 3748', 53', 61', 66', 80', 95', 3806', 11'
w/1 JSPF

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	Capacity ³ (ft ³ /ft)
8-5/8"	20.0	F-25	500	8.066	950	1,340	.0652	.3659
5-1/2"	15.5	J-55	3850	4.825	4,040	4,810	.0238	.1336
2-7/8"	6.5	N-80		2.347	11,160	10,570	.00579	.03250

8-5/8" casing set @ 500' with 250 sx cement circulated to surface.

5-1/2" casing set @ 3850' with 300 sx cement. TOC @ 2400' by temperature survey.

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

Assume 2-7/8" 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 10 ppg with 25 lbs gel/bbl brine.
 3. Call Kandy Lawson to notify BLM prior to commencing any work.

Recommended Procedure:

1. Prepare well for P&A:

- A. MIRU. Bleed well pressure down. POOH and lay down rods and pump. Kill well with 10 ppg mud if needed. ND wellhead and NU BOP.
- B. TOOH and lay down 2-3/8" production tubing.
- C. PU and TIH w/4-3/4" bit, 5-1/2" casing scraper, and 2-7/8" workstring to 3748'. POOH.

2. Set CIBP and spot cement plug:

- A. GIH w/5-1/2" CIBP, setting tool, and 2-7/8" WS. Set CIBP @ 3690'. Release setting tool and pull up 2'.
- B. MIRU cement services. Load and circulate hole with 85 bbls mud.
- C. Pump 25 sx cement and displace with 20 bbls mud to spot plug on CIBP from 3443' to 3690'.
- D. POOH laying down WS to 1650'.