

South Eunice Unit No. 33

The purpose of this procedure is to install a fiberglass liner to repair corroded casing above the flood interval and return this well to injection.

I. Well Data:

TD: 3815' DOD: 3813' TOC: 1325' (TS) Elev: 3542' DF, 10' AGL

Location: 660' FWL & 660' FEL, Section 29, T-22S, R-36E, Lea County, New Mexico

Completion Data:

Present perfs: 7R-Queen, 4 JSPF @ 3644'-52'
3662'-72', 3711'-26', 3745'-56', 3780'-86', 3798'-3810'

Total: 272 shots

Battery and Lift Equipment Modifications:

No lift equipment or battery modifications are expected.

II. Summary of Proposed Work:

1. POOH w/packer and injection string.
2. Run bit and casing scraper through perfs and clean out any fill.
3. Reperforate zones 1-4.
4. Plug back w/frac sand and Cal seal.
5. Run injection packer and fiberglass liner.
6. Squeeze liner and drill out cement.
7. C.O. to TD and circulate hole clean.
8. Acidize zones 1-4.
9. Place on injection.

III. Tubular Specs:

OD (In)	Wt. (ppf)	Grade	Drift ID (In)	Interval (Ft)	Collapse @ 70% (psi)	Burst @ 70% (psi)	Capacity (bbl/ft)	Capacity (ft ³ /ft)
8-5/8	24#	J-55	7.972	361	959	2065	.636	.3575
5-1/2	14#	J-55	4.887	3814	2184	2989	.0244	.1370
2-3/8	4.7#	J-55	1.901	----	5670	5390	.00387	.02171

Fiberglass Specs: 3-1/2", 2.54#, 2000 psi:

Burst: 4600 psi
Collapse: 3900 psi
ID: 2.992"
Collar OD: 4.30"
Thread: 3 -1/2", EUE, 8 Rd. Long