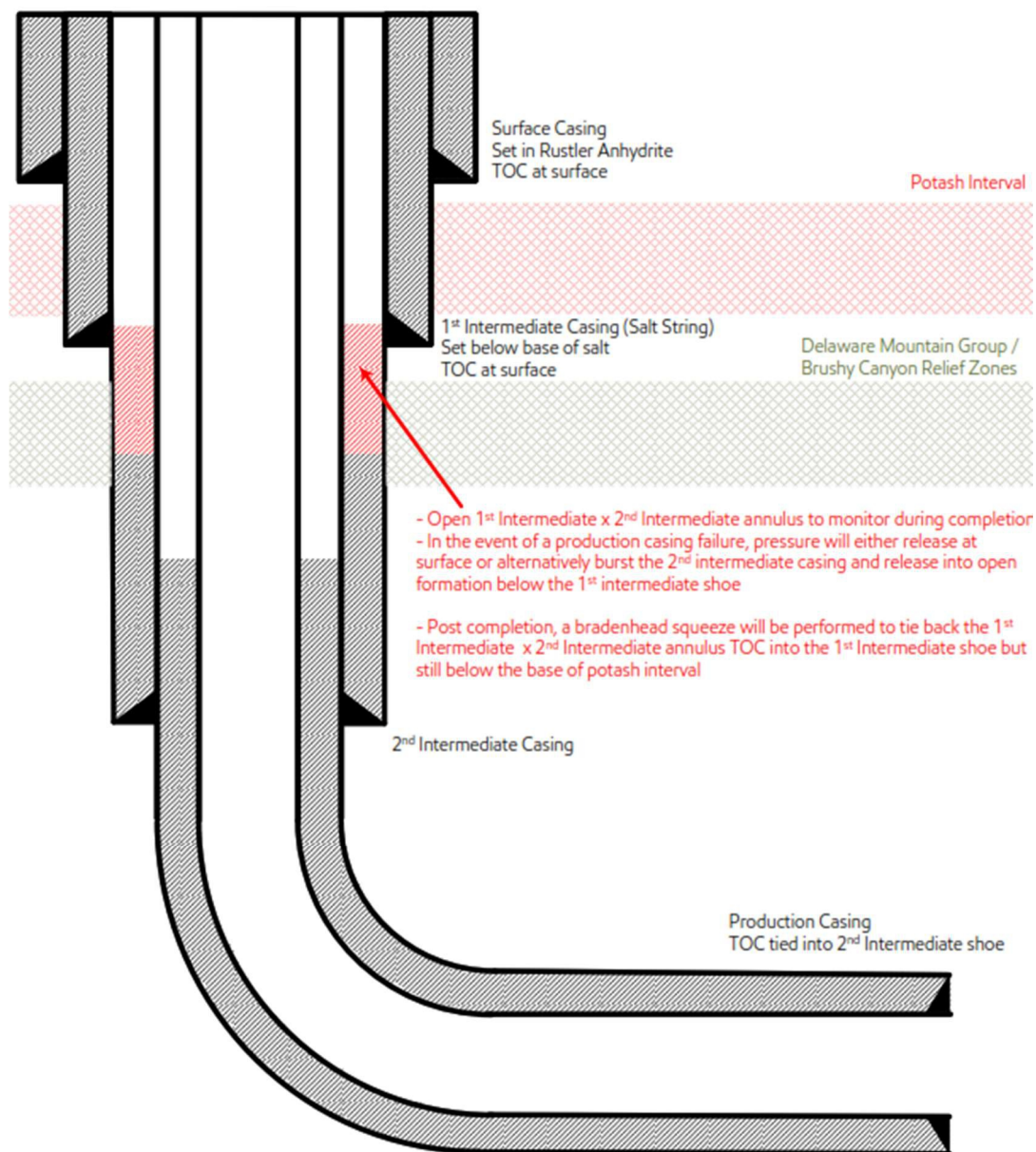


XTO Permian Operating LLC Respectfully requests approval to perform the bradenhead squeeze in the intermediate 2 casing after fracing operations as per Figure D in the R-111-Q document. I have attached updated design in the email. There are no changes to proposed casing points & grades and cement program top in the approved APDs

4-String Design – Open 1st Int x 2nd Int Annulus



[Figure D] 4 String – Uncemented annulus between 1st and 2nd intermediate casing strings

Update May 2024:

Operator is aware of the R-111-Q update and will comply with these requirements including (but not limited to):

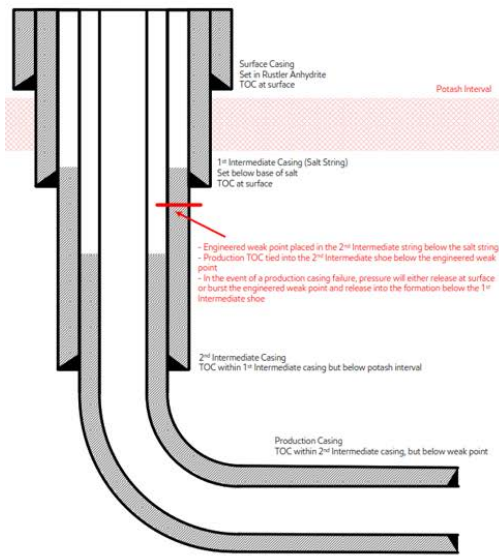
- 1) Alignment with KPLA requirements per schematic above, leaving open annulus open for pressure monitoring during frac and utilizing new casing that meets API standards.
- 2) Contingency plans in place to divert fluids away from salt interval in event of production casing failure.
- 3) Bradenhead squeeze to be completed within 180 days to tieback TOC to salt string at least 500ft but with top below Marker Bed 126.
- 4) Production cement to be tied back no less than 500ft inside previous casing shoe.

XTO Permian Operating LLC Respectfully requests approval to perform the bradenhead squeeze in the intermediate 2 casing after fracing operations as per Figure D in the R-111-Q document. I have attached updated design in the email. There are no changes to proposed casing points & grades and cement program top in the approved APDs

R-111-Q: Potential Potash Pivot Well Design

CURRENT 4-string design

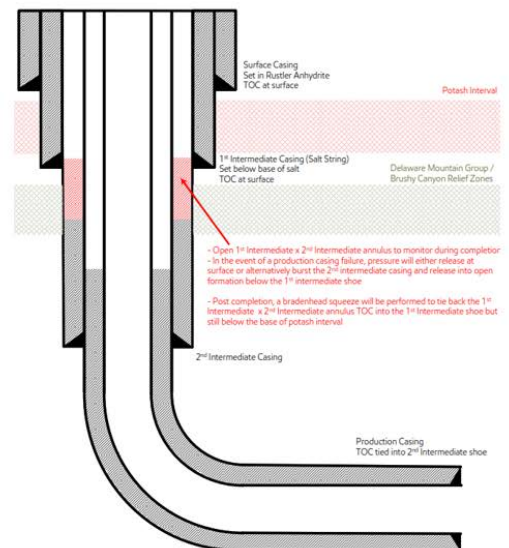
4-String Design – Engineered Weak Point



[Figure F] 4 String – 2nd Intermediate casing engineering weak point

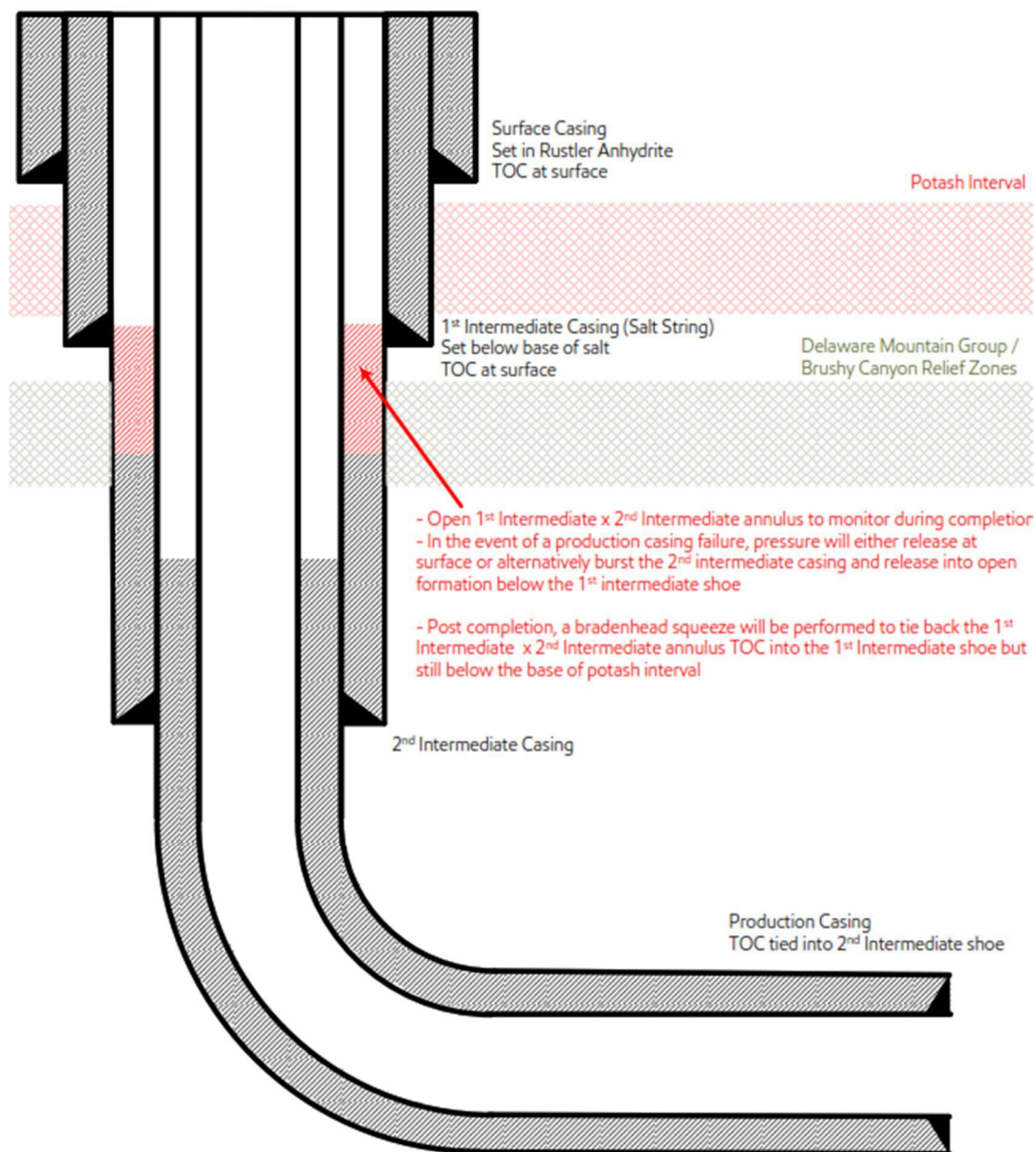
POTENTIAL pivot 4-string design

4-String Design – Open 1st Int x 2nd Int Annulus



[Figure D] 4 String – Uncemented annulus between 1st and 2nd intermediate casing strings

4-String Design – Open 1st Int x 2nd Int Annulus



[Figure D] 4 String – Uncemented annulus between 1st and 2nd intermediate casing strings

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 419278

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 419278
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	1/10/2025
ward.rikala	This well is within the R-111-Q potash area. The 1st intermediate casing string shall be cemented back to surface. Immediately following the cementing of the 2nd intermediate casing string, a CBL is required to document where the TOC is located. Immediately following the cementing of the production casing string, a CBL is required to document where the TOC is located. The bradenhead cement squeeze post frac shall provide a minimum of 500' of tie back into the 1st intermediate casing string.	1/10/2025