

NM STATE DRILLING PERMITTING
4-string contingency

BEU Rio Bravo State 107H

0		Deepest TVD		8745		KOP		8094		End of Curve		9057		Measured depth		13644	
Casing Type	Fluid Type	Mud Weight	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Lead Cement	Tail Cement	Total Sks Cement	TOC					
Surface	FW/Native	8.5 - 10.0	17.5	13.375	J-55 LTC	54.5	0	475	179	237	416	0					
1st Intermediate	Brine	9.0-10.3	12.25	9.625	J-55 LTC	40	0	2800	665	120	785	0					
2nd Intermediate (Contingency*)	FW/Native/OBM	9.0-10.3	8.75	7	P110 BTC	26	0	9057	1010	53	1063	0					
Production	FW/Cut Brine	9.0-10.5	6	4.5	P110 BTC	13.5	8094	13644	0	663	663	8557					
	OBM	8.9	6														

Max Expected Surface Pressure

2123

BOP

Cameron 5M Double Ram BOP

Test Pressure 5000

Total Vertical Section

4587

Contingencies

1. Requesting Exception to not get cmt to surface if 7" production string is set. Cement will be brought 500' in Intermediate Shoe if not circulated to surface
2. Should losses be seen from 9-5/8" shoe to landing point, 4-string contingency may be utilized
3. 7" csg may be set between 200' above KOP and Landing Point
4. DV Tool may be set in intermediate fr/ 500' - 2500'
5. 4.5" liner will be brought kick-off point or 300' above end of 7" (Whichever is higher)
6. OBM may be used 8-3/4" hole section
7. XTO requests variance to have the option to batch drill this well. XTO will set 9-5/8" csg, ensure cement is circulated to surface and well is dead. With floats holding, and no flow on annulus, a TA cap will be installed as per GE recommendations. XTO will contact the state before skidding to the other well. Once all surface and intermediate are completed on the pad, XTO will begin drilling the production hole of each well.

7/22/2019

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division



Receipt of Fee Application Payment

PO Number: SB9GD-190722-APD000

Payment Date: 7/22/2019 8:47:58 AM

Payment Amount: \$500.00

Payment Type: Credit Card

IMPORTANT: If you are mailing or delivering your application, you must print and include your receipt of payment as the first page on your application. All mailed and delivered applications must be sent to the following address: 1220 S. St. Francis Dr., Santa Fe, NM 87505. For inquiries, reference the PO Number listed above.