

Revised Permit Information 7/24/2019:

Well Name: Getty 5 Fed Com #504H

Location:

SHL: 249' FSL & 1816' FEL, Section 5, T-25-S, R-33-E, Lea Co., N.M.

BHL: 2539' FSL & 1830' FEL, Section 32, T-24-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0' - 1,164'	13.375"	54.5#	J-55	STC	1.125	1.25	1.60
12.25"	0' - 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
12.25"	4,000' - 4,914'	9.625"	40#	HCL-80	LTC	1.125	1.25	1.60
8.75"	0' - 11,193'	5.5"	20#	HCP-110	LTC	1.125	1.25	1.60
8.5"	11,193' - 18,491'	5.5"	20#	HCP-110	LTC	1.125	1.25	1.60

Variance is requested to waive the centralizer requirements for the 9-5/8" FJ casing in the 12-1/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 12-1/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 5-1/2" FJ casing in the 8-3/4" and 8-1/2" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the production hole interval to maximize cement bond and zonal isolation.

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /sk	Slurry Description
1,164'	700	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	160	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 964')
4,914'	500	9.0	3.5	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	340	14.4	1.20	Tail: Class C + 10% NaCl + 3% MagOx (TOC @ 3,930')
18,491'	590	11.0	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,414')
	2,140	14.4	1.2	Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,450')

249' FSL
1816' FEL
Section 5
T-25-S, R-33-E

Proposed Wellbore
Revised 7/24/2019

KB: 3,468'
GL: 3,443'

API: 30-025-46214

