

## Dolfi 1-35 P&A Procedure

API #: #05-017-07507

KB: 12'

Perforations: 5,402' – 5,414'

Casing: 5-1/2" 15.5#

EOT depth: 5,413'

End of Casing Depth: 5,614'

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1. MI RU PU. MI 2-7/8" work string. ND WH. NU BOP. Unset tubing anchor.
  - a. POOH w/rods and LD.
    - i. Check for corrosion and scale, separate any damaged/worn rods.
  - b. POOH w/tubing while scanning, LD red and green, rack back 3190' worth of YB, BB workstring.
2. MI RU WL Unit.
  - a. RIH w/ GR/JB to  $\pm 5387'$ . POOH.
  - b. RIH w/ CIBP & set @ 5387'. POOH.
  - c. RIH & dump bail 2 sx of cement on top of CIBP. POOH.
  - d. RIH with perf gun and perf @ 465', 150'.
  - e. RD MO WL Unit.
3. RIH w/work-string to 3190'. MI RU cement equipment & FW.
  - a. Mix & Spot 35 sx balanced plug f/2890' to 3190' (300'). WOC and tag.
4. POOH w/work-string to 2021'
  - a. Mix and spot 55 sx balanced plug f/ 2021' to 1535' ( $\pm 490'$ ). WOC and tag.
5. POOH & pickup CICR.
  - a. RIH to 365' and set CICR.
  - b. Mix & Squeeze 75 sx through CICR and into perfs at 465'.
6. POOH & LD work-string. ND BOP. NU swage.
  - a. Establish injection into perfs @ 150' & monitor bradenhead for returns.
  - b. Mix & pump 60 sx & circulate cement through perfs up to surface.
7. RD MO PU & cement equipment.
8. Dig out around WH for samples.
9. **DO NOT CUT AND CAP.** It will be performed later when Form 27 is approved.

	Balance Plugs		Cement Retainer	Top Plug	
Plug Description:	DV Tool	Cheyenne & Dakota Plug	Surface Shoe	Inside	Outside
Casing Size	5-1/2", 15.5#	5-1/2", 15.5#	5-1/2", 15.5#	5-1/2", 15.5#	8-5/8", 24#
Casing ft <sup>3</sup> /ft	0.1336	0.1336	0.1336	0.1336	0.1926
No. of Sacks	35	55	30	17	25
Cmt API Class	A	A	A	A	A
Cmt Weight (ppg)	15.6	15.6	15.6	15.6	15.6
Cmt API Yield (ft <sup>3</sup> /sk)	1.18	1.18	1.18	1.18	1.18
Cmt Slurry Volume (ft <sup>3</sup> )	41.3	64.9	35.4	20.1	29.5
Cmt Slurry Height (ft)	309	486	265	150	153
Plug Bottom Depth	3,190	2,021		150	150
Plug Top Depth	2,881	1,535		0	-3
Retainer Depth			365		
Perforation Depth			465		