

ARP Production Co., LLC
VPR C 14 WDW Plugging
Procedure API No. 05-071-06867

Injection Perforations and Liner Top

MIRU

ND well head; NU BOP and test

Release Arrow 1X & POOH with packer and tubing

RIH w CIBP and set at 6175'

Dump bail 2 sx of cement on plug

RIH w CIBP and set at 5700'

Dump bail 2 sx of cement on plug

RIH with 2 7/8" work string to 5620'

Set balanced plug from 5620' to 5520' with 25 sacks of Class G neat

POOH w work string

Intermediate Casing Shoe

RIH with perf guns

Perforate 7" casing from 2370' - 2371' with 4 shots per foot

Test perf for injectivity/circulation

RIH with work string to 2370'

Set balanced plug with 50 sacks of class G neat

POOH with work string 500'

Displace plug with 3.8 bbls of water to balance inside and outside 7" casing

POOH with tubing

WOC

Tag plug to verify top of cement is 2370' or higher

Surface Casing Shoe and Top Plug

RIH with split shot and split 7" casing collar at 435' and recover 7" casing

RIH with perf guns and perforate at 370' - 371' with 4 spf

Establish circulation to surface

RIH with tubing to 435' and pump 25 sx balance plug

POOH with tubing

Pump 300 sx of class G neat down 9 5/8" and circulate to surface

Surface

Cut off all casing strings 4' below ground level

Install permanent marker as directed by COGCC

Reclaim location to COGCC and Vermejo Park MEA specifications