

PICEANCE VLY

RU 08-06S-094W

RWF 12-9 Pad

RWF 322-9

WORKOVER

Operation Summary Report

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1 General

1.1 Customer Information

Company	PICEANCE VLY
Representative	
Address	

1.2 Well Information

Well	RWF 322-9		
Project	RU 08-06S-094W	Site	RWF 12-9 Pad
Rig Name/No.		Event	WORKOVER
Start date	3/30/2021	End date	4/2/2021
Spud date	12/2/2007	UWI	
Active datum	KELLY BUSHING @6,004.0ft (above Mean Sea Level)		
Afe No./Description	P21LOE /		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
3/26/2021	0:00								2" JUC pulled brush plunger @ 8955' 2" JUC no fish @ 8956' 2" JUC pulled LS SV @ 8956' 1.75" GR to WLTD @ 9187' Left tools out and drop Sales
3/30/2021	0:00	15:00	15.00		WSI	01	P		WSI awaiting rig PSI's 250/350/350
	15:00	16:00	1.00		MIRU	01	P		MIRU EWS #319 Work wellhead bolts and lock pins
	16:00	16:30	0.50		LOC	01	P		Kill tbg ND Prod head NU BOP's Test rams to 400/4000 GOOD TEST
	16:30	17:00	0.50		POOH	02	P		Unland tbg SW 42k Remove hanger Strip in rubber
	17:00	17:30	0.50		RIH	01	P		RIH to tag fill @ 9180' 174' below land depth 56' open rathole Lay back down to land depth
	17:30	19:30	2.00		POOH	01	P		POOH with 188 jnts N-80 tbg to 3000' tail string 94 jnts LIH Bury 8' pup joint
	19:30	20:00	0.50		WSI	01	P		Secure well Drain up SDFN
	20:00	0:00	4.00		WSI	01	P		WSIFN
3/31/2021	0:00	7:00	7.00		WSI	01	P		WSI PSI's 460/460/460
	7:00	8:00	1.00		POOH	01	P		Kill tbg with 10 bbls Kill casing with 20 bbls and trickle Bleed BH off to tank Pull rubber Install 4 1/2" TS bridge plug with 94 jnt tail string
	8:00	9:00	1.00		RIH	01	P		RIH to set depth of 5500'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
	9:00 9:15	0.25		PLUG	01	P		Set TSBP @ 5500' (EOT 8500') SW before set 40k pack off to 60k J-off TSBP SW after set 25k
	9:15 10:00	0.75		POOH	01	P		Roll hole with 80 bbls Close rams and attempt to pressure test with BH open Pressure test to 1000 psi and isolate casing valve Lost 300psi in 2 minute NO TEST Saw no circulation up braidenhead Bleed off casing
	10:00 11:30	1.50		POOH	01	P		POOH with Retrieving head
	11:30 11:45	0.25		LOC	01	P		Make up 4 1/2" Crest packer
	11:45 12:30	0.75		RIH	01	P		RIH and set packer @ 1515' Test casing above to 1000 psi NO TEST Test casing below to 1000 psi Lost 50 PSI in 15 min Good test
	12:30 13:00	0.50		POOH	01	P		Hunt hole in casing with packer Hole in casing between 214' and 246' POOH and lay down crest packer
	13:00 16:30	3.50		WOT	06	P		RD tongs Wait on wireline tools
	16:30 17:00	0.50		MIRU	05	P		MIRU DLD Wireline RIH with 3 1/8" Chemical cutter Make Chem cut @ 300' POOH with Chem cutter
	17:00 17:30	0.50		RDMO	01	P		RDMO DLD Wireline RD floor
	17:30 18:00	0.50		WELL	01	P		Secure well Drain up SDFN
	18:00 0:00	6.00		WSI	01	P		WSIFN
4/1/2021	0:00 7:00	7.00		WSI	01	P		WSI PSI's NA/0/0
	7:00 8:00	1.00		LOC	01	P		ND BOP's Remove Casing head
	8:00 8:15	0.25		POOH	01	P		Spear casing and pull slips
	8:15 9:00	0.75		POOH	01	P		POOH with 300' Casing and chemical cut Found a hole @ 230' Corrosion from 200' to 250' then went away
	9:00 9:45	0.75		RIH	01	P		Make up 7 3/8" Overshot with 4 1/2" Grapple RIH with LHDP Latch onto fish @ 300'
	9:45 10:00	0.25		PUMP	01	P		Pull test to 80k Hook up pump line and pump 10 bbls down tbg
	10:00 10:15	0.25		MIRU	05	P		MIRU DLD Wireline
	10:15 10:45	0.50		FISH	01	P		RIH with 1 11/16" stringshot Back off Casing @ 330' POOH with String shot
	10:45 11:30	0.75		POOH	01	P		POOH with LHDP and Overshot and recover 35' of Casing
	11:30 12:00	0.50		LOC	01	P		Lunch
	12:00 13:00	1.00		RIH	01	P		RIH with 7 jnts of 4 1/2" LTC P-110 and 1 pup joint Screw into Casing string 15 rnds Torqued up to 2800 ft/Lbs
	13:00 13:30	0.50		LOC	01	P		Pull test to 80k Pressure test to 1000 psi for 15 min GOOD TEST Drop slips and set casing in slips @ 70k
	13:30 14:00	0.50		LOC	01	P		Cut off casing stump Install tbg head Pressure test seals to 10k GOOD TEST

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
4/2/2021	14:00 14:15	0.25		LOC	01	P		RD Floor and tongs Make up 4 1/2" Retrieving head
	14:15 15:30	1.25		RIH	01	P		RIH with retrieving head and tag TSBP @ 5500' Latch onto TSBP Unstet TSBP SW 44k
	15:30 16:00	0.50		RIH	01	P		RIH with 16 jnts to original land depth
	16:00 16:15	0.25		LOC	01	P		MIRU PRS Scanners
	16:15 18:00	1.75						Scan out of hole to TSBP Remove TSBP
	18:00 19:00	1.00		POOH	01	P		Scan out with 283 jnts,SN,POBS Yellow 141 Blue 125 Red 15 17 total bad jnts internal pitting SN clear
	19:00 19:30	0.50		LOC	01	P		RDMO PRS Scanners Secure well SDFN
	19:30 0:00	4.50		WSI	01	P		WSIFN
	0:00 7:00	7.00		WSI	01	P		WSI PSI's NA/600/0
	7:00 7:30	0.50		LOC	01	P		MIRU CK Hydroteters (Tool OD 1.9") Make up SN,NC on bottom Test first joint
	7:30 11:30	4.00		RIH	01	P		Kill Casing and trickle Dump 5 gal corrosion inhibitor RIH Hydrotesting to land depth @ 8990.1' Added 17 jnts White band L-80 on top (523.25')
	11:30 12:00	0.50		WELL	01	P		Land tbg on hanger @ 8990.1' With 283 jnts L-80,SN,NC Bleed off stack and check seal GOOD SEAL Hydrotest hanger connection GOOD TEST
	12:00 12:30	0.50		LOC	01	P		RD hydrotesters RD tongs and floor
	12:30 13:00	0.50		RDMO	01	P		ND BOP's NU Prod head
	13:00 14:00	1.00		RDMO	02	P		RDMO EWS 319
	14:00 15:00	1.00		LOC	01	P		Clean up location Rack out equipment Prep to move equipment
	15:00 0:00	9.00		WSI	01	P		WSI awaiting production BBLs to recover: 250

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