

PICEANCE HL

RG 01-02S-098W  
RGU 41-1-298 Pad  
RGU 531-1-298  
WORKOVER

## **Operation Summary Report**

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## 1 General

### 1.1 Customer Information

Company	PICEANCE HL
Representative	
Address	

### 1.2 Well Information

Well	RGU 531-1-298		
Project	RG 01-02S-098W	Site	RGU 41-1-298 Pad
Rig Name/No.		Event	WORKOVER
Start date	1/24/2023	End date	1/27/2023
Spud date	9/22/2011	UWI	RGU 531-1-298
Active datum	KB @6,594.0ft (above Mean Sea Level)		
Afe No./Description	/		

## 2 Summary

### 2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
1/24/2023	0:00 6:30	6.50		PROD	02	P		Well flowing to sales, Casing: 450psi Tubing: 400psi Braiden:450
	6:30 7:00	0.50		PROD	02	P		Rig inspection, safety meeting and daily operations discussion.
	7:00 9:00	2.00		MIRU	02	P		Spot in tubing trailers. and Beam sell down casing and braiden head, both fell at equal rates.
	9:00 11:00	2.00		MIRU	02	P		MIRU DUCO #3, Run pump lines and work on well head bolts and pins.
	11:00 11:45	0.75		WELL	02	P		Pump 20bbls kill tubing. and 60 bbl casing kill.
	11:45 12:30	0.75		MIRU	01	P		ND well head, NU BOP and test low and high. GOOD Test.
	12:30 13:00	0.50		POOH	02	P		Pull tubing hanger, string weight @ 68K and pulling free. and RU PRS tubing scanners.
	13:00 16:30	3.50		POOH	01	P		Scan out of hole with 140 joints. .
	16:30 17:30	1.00		PROD	02	P		Drain up pump and lines. secure well. dig out wellhead for casing repair.
17:30 0:00	6.50		PROD	02	P		WSI	
1/25/2023	0:00 6:30	6.50		WSI	01			WSI Casing: 370psi Tubing: 310psi Braiden: 370psi
	6:30 7:00	0.50		WSI	01			Rig inspection, Safety meeting and daily operations discussion.
	7:00 7:30	0.50		WELL	02	P		Pump 35 BBLs down CSG Pump 15 BBLs down TBG
	7:30 12:30	5.00		POOH	01	P		Scan and POOH Pull JNTS #120 to #346 Leave 10 JNTS in hole for tail string 48 yellow 83 Blue 216 Red Note: Scan report attached
	12:30 12:45	0.25		LOC	01	P		RD scanners
	12:45 13:00	0.25		RIH	01	P		Make up TSBP w/ setting tool
	13:00 15:00	2.00		RIH	01	P		RIH w/ 10 JNT tail string, TSBP and setting tool. Set TSBP @ 5283"
	15:00 15:30	0.50		TOOL	01	P		Pack of TSBP @ 5k, 10k, 15k, 20k, SW release off plug LD 1 joint
	15:30 16:30	1.00		PUMP	04	P		Role hole w/ 70 BBLs
	16:30 17:00	0.50		POOH	01	P		POOH with tubing 40 stands leave 41 stands in well
17:00 17:30	0.50		WSI	01	P		secure well and drain up pump and lines. dig out around well head .	
17:30 0:00	6.50		WSI	02	P		WSI	
1/26/2023	0:00 6:30	6.50		WSI	01	P		WSI Casing: 0psi Tubing: 0psi Braiden: 0psi
	6:30 7:00	0.50		WSI	01	P		Rig inspection, Safety Meeting and daily operations discussion.
	7:00 8:00	1.00		POOH	01	P		POOH with 40 stands and retrieving head.
	8:00 10:00	2.00		RDMO	01	P		RD work floor and N/D BOP's Removed B-section,
	10:00 10:15	0.25		21		P		Pulled a partial joint @ 19.10'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
	10:15 10:45	0.50		FISH	02	P		R/U floor & tongs Make up 7 3/8" overshot with 4 1/2" grapple with 4 1/2" control
	10:45 11:30	0.75		RIH	01	P		RIH with 2 7/8" LH drillpipe, latched up to CSG top @ 20' Pull test over - shot 60k
	11:30 11:45	0.25		MIRU	01	P		MIRU DLD Wireline RIH with shot rod 71' Pulled up to 5k, Backed off CSG
	11:45 12:30	0.75		WELL	01	P		POOH with 1 jts 4 1/2" CSG tallied @ 43.18' putting CSG top @ 62.28'
	12:30 13:00	0.50						R/D DLD wireline crew Changed out handling equipment
	13:00 13:30	0.50		MIRU	02	P		Made first jt with new 4 1/2" P-110 RIH with 2 jts 4 1/2" P-110 CSG Tag top CSG @ 63' on jt 2
	13:30 14:15	0.75		RIH	01	P		Screw into casing string torque string up to 2650 ft/lbs (15 turns total) Pull test casing to 60K Pressure test casing to 2000psi and hold 15 min - good test
	14:15 14:30	0.25		WELL	01	P		Landed 4 1/2" CSG @ 55k, set slips, cut off & prepped casing Used total 2 jts new P-110 CSG @ 89.25' R/D floor & tongs
	14:30 15:30	1.00		WSI	01	P		N/U B-section, BOP's, Pressure test tbg head to 5k - good test Pressure test void to 10k - good test Pressure tested BOPs low & high test - good test R/U floor & tongs
	15:30 16:00	0.50		RIH	01	P		Make up 4 1/2" retriv head and RIH to TSBP @ 5283' Latch on to plug and release.
	16:00 16:30	0.50		POOH	01	P		POOH and stand back 43 stands
	16:30 17:00	0.50		WSI	01	P		Secure well. Winterized equipment Night capped rig tanks
	17:00 0:00	7.00		WSI	01	P		WSI
1/27/2023	0:00 6:30	6.50		WSI	01	P		WSI. Casing 370psi Tubing: 360psi Braiden: 0psi
	6:30 7:00	0.50		WSI	01	P		Rig inspection, Safety meeting and daily operations discussion.
	7:00 7:30	0.50		WELL	02	P		Pump 45 bbl casing kill
	7:30 8:30	1.00						POOH with TSBP LD tail string
	8:30 9:00	0.50		MIRU	05	P		MIRU PRS Hydrotesters. Make up BHA Notch collar. Seat nipple on botton tested joint. Pump 40bbl casing kill.
	9:00 17:00	8.00		RIH	01	P		Hydotest in to 11894' did not tag. 260' past landing depth.
	17:00 17:30	0.50		POOH	01	P		POOH to landing depth @ 11,634.86' . 82% in the perms.
	17:30 17:45	0.25		WELL	01	P		Land tubing@ 11,634.86' and test hanger connection. Hanger 249 joints P-110 white band 40 joints N-80 yellow band 72 Joints N-80 Blue band New seat nipple Notch Collar 361 joints total in well.
	17:45 18:00	0.25		RDMO	02	P		RD PRS hydrotest truck.
	18:00 18:30	0.50						RD work floor and ND BOP, NU wellhead.
	18:30 19:00	0.50		WSI	01	P		Drain up pump and lines, well shut in.
	19:00 0:00	5.00						WSI