

## 1 General

### 1.1 Customer Information

Company	PICEANCE VLY
Representative	
Address	

Remedial Cement Squeeze  
API No. 045-06903  
COGCC Doc. No. 2055907  
Received 2/19/2014

### 1.2 Well Information

Well	RMV 8-16		
Project	RU 16-06S-094W	Site	RMV 8-16 Pad
Rig Name/No.	Monument/3, Monument/25	Event	WORKOVER
Start date	3/15/2004	End date	7/21/2004
Spud date	10/19/1994	UWI	
Active datum	KELLY BUSHING @5,734.0ft (above Mean Sea Level)		
Afe No./Description	P04LOE /		

## 2 Summary

### 2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
3/15/2004	11:00 16:00	5.00		LOC	4		0.0	MI RU NU BOP
	16:00 17:00	1.00		TRP	2		0.0	pull hanger pooh 30 stands pipe in bad shape sdfn
3/16/2004	0:00 7:00	7.00		TRP	2		0.0	pull hanger pooh 30 stands pipe in bad shape sdfn
	7:00 7:30	0.50		TRP	2		0.0	TIH 30 STANDS
	7:30 11:00	3.50		TRP	5		0.0	LD 223 JOINTS 2 3/8 TBG PACKER
	11:00 16:00	5.00		TRP	5		0.0	PU PLUG AND PACKER TBG SET PLUG @! 6400' LD TBG SET PACKER @ 5880TEST CASING TO 1000 PSI
	16:00 17:00	1.00		TRP	2		0.0	POOH 60 STANDS SDFN
3/17/2004	0:00 7:00	7.00		PTST	2		0.0	WELL DEAD
	7:00 8:00	1.00		TRP	2		0.0	POOH
	8:00 9:30	1.50		TRP	2		0.0	TIH TO 5880 MAIN DRUM CLUTCH ON COMMIG APART SDFN
3/18/2004	0:00 11:00	11.00		TRP	2		0.0	TIH TO 5880 MAIN DRUM CLUTCH ON COMMIG APART SDFN
	11:00 12:00	1.00		RIG	2		0.0	REPAIR DRUM CLUTCH
	12:00 14:00	2.00		CMT	3		0.0	mix and pump 150 sks class g cmt w/.05% cfr-3 displace to packer squeeze to 3600 psi test squeeze reverse out 1 bbl cmt to pit
	14:00 14:30	0.50		PTST	5		0.0	si woc
	14:30 15:30	1.00		TRP	2		0.0	pooh test casing every 10 stands out to find leak in casing leaks off from 1000 to 500 psi in 1 min
	15:30 17:00	1.50		TRP	2		0.0	fing leak @ 3050
3/19/2004	0:00 7:00	7.00		WOT	2		0.0	
	7:00 8:00	1.00		PERF	2		0.0	RU RMWS RUN CCL LOG FROM 4500 TO 2500' SHOT PERF @ 3050'
	8:00 8:30	0.50		TRP	14		0.0	TIH SET PACKER @ 2957' INJECTION TEST 1900 PSI @ 1.8 BPM ISIP 1100 PSI
	8:30 9:30	1.00		CMT	3		0.0	MIX AND PUMP 200 SKS CLASS G CMT FROM 15.8# TO 17.2 LBS/GAL OVERDISPLACE 1/4 BBL
	9:30 14:00	4.50		WOT	1		0.0	WOC
	14:00 15:30	1.50		CMT	3		0.0	INJECTON TEST 1650 PSI @ 1.8 BPM ISIP 550 PSI MIX AND PUMP 200 SKS TYPE 3 CMT @ 14.2# FOLOWED BY 87 SKS CLASS G CMT MIXED # 17.3 LBS/GAL SQUEEZE TO 1500 PSI REVERSE OUT 1/2 BBL CMT TO PIT
	15:30						0.0	WELL SI UNTILL 3/22
3/20/2004	0:00						0.0	WELL SI UNTILL 3/22
3/21/2004	0:00						0.0	WELL SI UNTILL 3/22

## 2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
3/22/2004	0:00	7:00	7.00					0.0	WELL SI UNTILL 3/22
	7:00	8:00	1.00		TRP	2		0.0	POOH LD PACKER
	8:00	8:30	0.50		TRP	2		0.0	TIH TAG @ 2950'
	8:30	14:00	5.50		DRL	4		0.0	DRILL OUT SQUEEZE TEST @ 3080' TO 1000 PSI DRILL OUT OF CMT @ 3130' TEST TO 1000 PSI
3/23/2004	14:00	17:00	3.00		DRL	4		0.0	TIH TAG @ 5880 DRILL OUT TO 5910'SDFN
	0:00	7:00	7.00		DRL	4		0.0	TIH TAG @ 5880 DRILL OUT TO 5910'SDFN
	7:00	13:30	6.50		DRL	4		0.0	DRILL OUT SQUEEZE TEST TO 1000 PSI EVERY 60'
	13:30	14:30	1.00		CIRC	1		0.0	CIRCULATE WELL CLEAN
	14:30	16:00	1.50		TRP	2		0.0	POOH LD BIT
3/24/2004	16:00	17:00	1.00		TRP	2		0.0	PU RETRIEVING HEAD TIH TO 3159' SDFN
	0:00	7:00	7.00		TRP	2		0.0	PU RETRIEVING HEAD TIH TO 3159' SDFN
	7:00	9:00	2.00		TRP	2		0.0	RELEASE PLUG POOH LOST PLUG
	9:00	10:00	1.00		TRP	2		0.0	TIH CATCH PLUG @ 3000' POOH LD PLUG
	10:00	12:00	2.00		TRP	2		0.0	TIH TO 5080'
	12:00	13:30	1.50		CIRC	1		0.0	BLOW WELL AROUND USING ACE WEST FOAM
	13:30	14:00	0.50		TRP	5		0.0	PU 25 JOINTS TBG
	14:00	15:00	1.00		CIRC	1		0.0	BLOW WELL AROUND USING ACE WEST FOAM RECOVERED 130 BBL FLUID
	15:00	16:00	1.00		TRP	5		0.0	PU TBG TAG @ 7890'
	16:00	18:00	2.00		CIRC	1		0.0	CLEAN OUT TO 8006' BLOW WELL AROUND USING ACE WEST FOAM RECOVER 100 BBL FLUID
	18:00				PTST	2		0.0	WELL FLOWING ON 20/64 CHOKE
3/25/2004	0:00	6:00	6.00		PTST	2		0.0	FCP 250 PSI
	6:00	7:00	1.00		CIRC	1		0.0	BLOW WELL AROUND USING ACE WEST FOAM
	7:00	9:00	2.00		CIRC	1		0.0	TAG @ 7916 CLEAN OUT TO 8006 BLOW WELL AROUND USING ACE WEST FOAM RECOVER 120 BBL FLUID
	9:00	10:00	1.00		DEQ	3		0.0	LAND TBG 214 JOINTS SN NC 6925.77 6909.46
	10:00	11:00	1.00		BOP	1		0.0	ND BOP NU WELL HEAD FLOWING CASING ON 32/64
	11:00	13:00	2.00		PTST	2		0.0	FCP 150 PSI SLUGGING FLUID SWI
	13:00	14:00	1.00		SWAB	1		0.0	PULL 2 SWAB RUNS KICK OFF TBG
	14:00	15:00	1.00		PTST	2		0.0	TBG FLOWING SICP 800 PSI
	0:00	7:00	7.00		PTST	2		0.0	TBG DEAD SIP 1250 PSI
3/26/2004	7:00	12:00	5.00		SWAB	1		0.0	pull 5 swab run recover 60 bbl fluid
	12:00	13:00	1.00		PTST	5		0.0	drop 6 soap stix swi
	13:00	15:00	2.00		SWAB	1		0.0	pull 4 swab runs well flowing to tank
	0:00				SWAB	1		0.0	well flowing to tank sicp 1300 psi
3/27/2004	0:00				SWAB	1		0.0	well flowing to tank sicp 1300 psi
3/28/2004	0:00				SWAB	1		0.0	well flowing to tank sicp 1300 psi
	7:00				PTST	2		0.0	WELL DEAD
	7:00	12:00	5.00		SWAB	1		0.0	PULL 6 SWAB RUNS KICK OFF WELL
3/29/2004	12:00	14:00	2.00		PTST	2		0.0	WELL FLOWING TO TANK SICP 1200 PSI CASING BROKE BACK TO 600 PSI FLOWING TO TANK
	0:00	7:07	7.12		PTST	2		0.0	WELL DEAD SICP 1250 PSI
	7:07	10:00	2.88		SWAB	1		0.0	PULL 4 SWAB RUNS KICK OFF WELL
3/30/2004	10:00	11:00	1.00		LOC	4		0.0	RD MO MWS #25 TURN WELL OVER TO SALES
	0:00	9:30	1.50		LOC	4		0.0	MIRU MWS #3
	11:00	15:00	4.00		SWAB	1		0.0	PULL 4 SWAB RUNS WELL FLOWING RECOVER 45 BBL FTP 650 ON 32/64 CHOKE SICP 1100 PSI
6/3/2004	15:00	17:00	2.00		PTST	2		0.0	FLOWING TO TANKS
	0:00	7:00	7.00		PTST	2		0.0	FTP 10 PSI SICP 650 PSI MADE 100 BBL OVERNIGHT
	7:00	16:00	9.00		SWAB	1		0.0	PULL 15 SWAB RUNS TBG SUCKING AFTER EACH ONE RECOVER 85 BBL
6/4/2004	16:00							0.0	DROP 10 SOAP STICK SWI
	0:00							0.0	SI
	0:00							0.0	SI
6/5/2004	0:00							0.0	SI
6/6/2004	0:00							0.0	SI
6/7/2004	0:00	7:00	7.00					0.0	SI

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Code	Sub	Class	MD from (ft)	Operation
	7:00 10:30	3.50		SWAB	1		0.0	PULL 8 SWAB RUNS LIGHT BLOW CUT FLUID
	10:30 11:30	1.00		LOC	4		0.0	RDMO
	11:30			PTST	2		0.0	OPEN TO TANK
7/21/2004	0:00 7:00	7.00		PTST	2		0.0	OPEN TO TANK
	7:00 10:00	3.00		SWAB	1		0.0	PULL 3 SWAB RUNS WELL FLOWING
	10:00 17:00	7.00		PTST	2		0.0	WELL FLOWING ON 32/64 CHOKE 700 PSI ON CASING 300 ON TBG RECOVER 100 BLL
	17:00						0.0	
7/22/2004	0:00 7:00	7.00		PTST	2		0.0	TBG DEAD SICP 750 PSI
	7:00 9:00	2.00		SWAB	1		0.0	PULL 2 SWAB RUNS KICK OFF TBG
	9:00 11:00	2.00		PTST	2		0.0	FLOWING ON 32/64 CHOKE 20 BBL/HR
	11:00 16:00	5.00		SWAB	1		0.0	PULL 6 SWAB RUNS RECOVER 35 BBL FTP 50 PSI SICP 650
7/23/2004	0:00			SWAB	1		0.0	PULL 6 SWAB RUNS RECOVER 35 BBL FTP 50 PSI SICP 650
7/24/2004	0:00			SWAB	1		0.0	SI
7/25/2004	0:00			SWAB	1		0.0	SI
7/26/2004	0:00 7:00	7.00		SWAB	1		0.0	SITP 300 SICP 1100
	7:00 13:00	6.00		SWAB	1		0.0	pull 6 swab runs recover 35 bbl kick off tbg
	13:00 18:00	5.00		PTST	2		0.0	recover 35 bbl fluid
7/27/2004	0:00			PTST	2		0.0	RELEASE RIG