



## CEMENT REPORT - PAGE 1

Service Order #: 18377

Date: 17-Oct-14

Well Name	Location	County	St	API#		
COOPER24-34 4N 47W	SEC 34 4N 47W	YUMA	CO	05-125-12119-00		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
NIOBRARA (SH)	CASING	SURFACE	GAS	NEW		

Customer: EXCELL SERVICES LLC

Remarks: 145 SACKS 50/50 POZ 14 PPG  
3% CALCIUM CHLORIDE  
2% BENTONITE GEL  
.25 LBS/SACK CELLOFLAK  
14 BBLS CMT CIRCULATED TO PIT

Customer Rep: MARK

PH:

## WELLBORE DATA

Type	Size	Weight	Depth	Volume
Surface Casing:	7.000	20.0	399.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:				

## OTHER DATA

BHT	Max PSI	Total Depth
120	100	394.0

Packer or Retainer Type / Depth:

Perf Depths: # Total

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	9.875	0.0	394.0	

Perf Depths:	#	Total

TIME	PUMP RATES		DENSITY	PRESS.	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbl/s)	(bbl/s)	
16:31	20	0.0	13.71	0		4.8	START 14# CMT
16:49	19	0.0	12.75	0		38.7	DROP PLUG
16:50	0	2.6	2.27	17		38.0	START WATER

## Summary

Max Fl. Rate Avg Fl. Rate Max Psi Avg Psi  
2.6 1.0 216 15

Customer Acknowledgement:

Service Rating:

Cementer:

PRODUCTS USED

☐ Satisfactory  
☐ Unsatisfactory

A. HOWELL



## CEMENT REPORT - PAGE 1

Service Order #: 18379

Date: 19-Oct-14

Well Name	Location	County	St	API#		
COOPER 24-34 4N47W	SEC 34-4N 47W	YUMA	CO	05-125-12119-00		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
NIOBRARA (SH)	CASING	LONG STRING	GAS	NEW		

Customer: EXCELL SERVICES LLC

Remarks: LEAD 138 SACKS 50/50 POZ 12 PPG 2.23 YIELD, 12% GEL, 2% CALCIUM CHLORIDE, 0.25 LBS/SACK CELLOFLAKE.  
TAIL: 75 SACKS 50/50 POZ 13.8 PPG, 1.37 YIELD, 2 % GEL, 2% CALCIUM CHLORIDE, .2% WATER CONTROL, .25 LBS/ SACK CELLOFLAKE

Customer Rep: MARK

PH:

## WELLBORE DATA

Type	Size	Weight	Depth	Volume
Surface Casing:	7.000	20.0	389.0	
Production Casing:	4.500	10.5	2,841.0	
Intermediate:				
Drill Pipe:				
Tubing:				

## OTHER DATA

BHT	Max PSI	Total Depth
120	1,500	2,980.0

Packer or Retainer Type / Depth:

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Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	6.250	0.0	2,980.0	

Perf Depths: # Total


TIME	PUMP RATES		DENSITY	PRESS	STG-TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbls)	(bbls)	
14:14	0	0.0	6.88	0		0.0	START DYE
14:19	229	2.0	6.88	40		9.7	KCL WATER SPACER
14:38	0	2.6	12.03	89		49.8	START 12 # LEAD
14:53	111	3.5	12.27	46		102.2	START 13.8 # TAIL
15:09	0	3.8	6.72	40		131.2	KCL DISPLACEMENT
15:25	0	0.0	9.08	1,241		176.0	PLUG LATCHED 6 MIN TEST

## Summary

Max Fl. Rate Avg Fl. Rate Max Psi Avg Psi  
3.8 2.3 3,940 135

Customer Acknowledgement:

Service Rating:

Cementer:

PRODUCTS USED

☒ Satisfactory  
☐ Unsatisfactory

A. HOWELL