

Ridge Cementing, LLC							
Pre-Job Planner							
Date:	5/12/2015	SO #	C5CO3102	Lease:	FEHRN 28-13	Well No:	N/A
Customer:	Anadarko Petroleum Corp.			Job Type:	P & A	Stage:	N/A
Event	Volume (BBLS)	Sacks	Density (lbs/gal)	Yield (cuft/sk)	Water (gal/sk)		
Plug 1 (Niobrara)							
Load Lines	2.00		8.34				
Pressure Test Lines	3000 psi		8.34				
Est. Circulation	10 +/-		8.34				
Cement	7.27	30	15.80	1.36	5.65		
Displacement	19.30		8.34				
Shut Down / Rig Pull Pipe							
Plug 2 (Sussex)							
Load Lines	2.00		8.34				
Pressure Test Lines	3000 psi		8.34				
Est. Circulation	10 +/-		8.34				
Cement	5.16	25	1.16	1.16	4.96		
Displacement	12.40		8.34				
Shut Down / End Job							
Ridge APC III Cmt		Ridge APC II Cmt					
30 sks		25 sks					
Mountain G		Mountain G					
.4% RCD-3		.4%RCD-3					
.4% RCD-7		.4% RCD-7					
.1% RCR-300		.5% RCaCl2					
20% RSF-325							
1/4 lb/sk RLCM-1							



## JOB SUMMARY

JOB DATE	05/12/15
SUPERVISOR	Cory Thaut
CITY	Fort Lupton
SALES ORDER NUMBER	C5CO3102

CUSTOMER	ANADARKO PETROLEUM CORP.	CUSTOMER REP.	Luis Morales	TICKET AMOUNT	
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	FEHRN 28-13	SEC / TWN / RNG	Sec. 28 T2N 66W	API #	05-123-18799

EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES
Cory Thaut		6318					
Matthew Bullinski		6312					
Cody Burgess		6100/6208					
Dustin Holloway		6100/6208					
Thaddeus Harra		6102/6202					
Steven Markovich		6313					

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	LEAVE LOCATION
DATE	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015
TIME	3:30 AM	6:29 AM	8:03 AM	10:17 AM	11:15 AM

WELL TUBULAR DATA						TOOLS / PERFS & TOC		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	NAME	QTY	MAKE / DIAM. / DEPTH
Surface Casing	USED	24 lb	8 5/8"	0'	885'	CIBP	1	7400'
Production Csg	USED	7 3/4 lb	3 1/2"	0'	7400'			
Tubing	USED	3 1/4 lb	2 1/16"	0'	7400'	Niobrara Plug		7400' - 6605'
						Sussex Plug		4800' - 4253'

JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	Spacer	10 +/-	N/A	Fresh Water	N/A	N/A	8.34
2							
3	Ridge APC III	7.27	25	Moutain-G ,0.4% RCD-3,0.4%RCD7	5.65	1.36	15.8
4				0.10% RCR-300,20.0% RSF325			
5				1/4 lb/sk RLCM-1			
6							
7	Displacement	19.3	N/A	Fresh Water	N/A	N/A	8.34
8							
9	Spacer	10 +/-	N/A	Fresh Water	N/A	N/A	8.34
10							
11	Ridge APC II	5	25	Moutain-G,0.4%RCD-3,0.4%RCD-7	4.96	1.16	15.8
12				0.5% RCaCl2			
13							
14	Displacement	12.4	N/A	Fresh Water	N/A	N/A	8.34
15							

### OTHER JOB NOTES

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE

SIGNATURE

## Ridge Cementing, LLC

### Pre-Job Planner

Date:	5/13/2015	SO #	C5CO3103	Lease:	FEHRN W 28-13	Well No:	N/A
Customer:	Anadarko Petroleum Corp.			Job Type:	Stub Plug	Stage:	N/A
Event		Volume (BBLS)	Sacks	Density (lbs/gal)	Yield (cuft/sk)	Water (gal/sk)	
Load Lines		2.00		8.34			
Pressure test Lines		3000 psi		8.34			
Spacer		10.00		8.60	(Mud Flush)		
Spacer		20.00		8.34	(Fresh Water)		
Cement		97.80	410	14.80	1.34	6.36	
Displacement		1.40		8.34			

Shut Down / End Job

### Cement Data

Ridge APC IV Cmt		
410 Sks		
Cemex Type II		
1% RCaCl2		
1/4 lb/sk RLCM-1		



## JOB SUMMARY

JOB DATE	05/13/15
SUPERVISOR	Cory Thaut
CITY	Ft. Lupton
SALES ORDER NUMBER	C5CO3103

CUSTOMER	ANADARKO PETROLEUM CORP.	CUSTOMER REP.	Luis Morales	TICKET AMOUNT	
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	FEHRN W 28-13	SEC / TWN / RNG	Sec. 28 T2N 66W	API #	05-123-18799

EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES
Cory Thaut		6318					
Matthew Bullinsky		6312					
Steven Markovich		6313					
Dustin Holloway		6100/6208					
Brian Barnes		6100/6208					
Thaddeus Harra		6105/6201					

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	LEAVE LOCATION
	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015
TIME	6:00 AM	9:00 AM	1:54 PM	2:51 PM	3:50 PM

WELL TUBULAR DATA						Formation, Length & TOC		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	NAME	Length	TOC
Surface Casing	USED	24 lb	8 5/8"	0'	885'	Stub Plug	1	501' - 1610'
Open Hole	USED	N/A	9"	885'	900'			
Open Hole	USED	N/A	9"	900'	1510'			
Production Csg	USED	9.3 lb	3 1/2"	1510'	1610'			
Tubing	USED	3.25 lb	2 1/16"	0'	1610'			

JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	Spacer	10	N/A	Mud Flush	N/A	N/A	8.6
2							
3	Spacer	20	N/A	Fresh Water	N/A	N/A	8.34
4							
5	Ridge APC IV	97.8	410	Type III , 1% RCaCl2	6.36	1.34	14.8
6				0.25 lb/sk RLCM-1			
7							
8	Displacement	1.4	N/A	Fresh Water	N/A	N/A	8.34

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE

SIGNATURE