

JOB SUMMARY			PROJECT NUMBER TN # 803	TICKET DATE 5/26/2014
COUNTY Stanton	COMPANY Linn Energy		CUSTOMER REP Weldon Higgins	
LEASE NAME Farm Mortgage	Well No A-4 ATU 214	JOB TYPE Surface	EMPLOYEE NAME Bryon Hackett	

EMP NAME Bryon Hackett				
Miguel Murgado				
David Mitchell				
Justin Adams				

Form. Name Chase-Council Grove Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date	05/26/14	05/26/14	05/26/14	05/26/14
Time	1200	1715	2155	2258

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	5	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24	8.625	40	KB	728	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	Density		Lb/Gal
Mud Type	0		0
Disp. Fluid	H2o	Density	8.33
Spacer type	BBL		10
Spacer type	BBL		
Acid Type	Gal		%
Acid Type	Gal		%
Surfactant	Gal		in
NE Agent	Gal		in
Fluid Loss	Gal/Lb		in
Gelling Agent	Gal/Lb		in
Fric. Red.	Gal/Lb		in
MISC.	Gal/Lb		in

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
05/26/14	6.0	05/26/14	1.0	Surface
Total	6.0	Total	1.0	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures			
	MAX	AVG	Reason
Feet	44	65	Shoe Track
	3	3	

Cement Data				WRq	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	455	Premium Class C	2% Calcium Chloride and .25 %/sk Cellulose	6.34	1.35	14.8
2						
3						
4						

Summary					
Preflush Breakdown	Type:	MAXIMUM	Lost Returns	Actual TOC	Frac. Gradient
			0		10 Min
Average					15 Min
150	5 Min				

Preflush	BBI	10.00	Type:	H2o
Load & Bkdn.	Gal - BBI		Pad: BBI - Gal	
Excess /Return	BBi	40	Calc Diso Bbi	
Calc. TOC		0	Actual Diso	44.00
Treatment:	Gal - BBI		D:so Bbi	
Cement Slurry	BBi	109.0		
Total Volume	BBi	163.00		

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE _____
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JOB SUMMARY		PROJECT NUMBER TN # 804	TICKET DATE 5/28/2014
LOCATION Stanton	COMPANY Linn Energy	CUSTOMER RSP Weldon Higgins	
LEASE NAME Farm Mortgage	Well No. A4 ATU 214	JOB TYPE Production	EMPLOYEE NAME JESUS JIMENEZ

EMP NAME JESUS JIMENEZ					
BEAU CLEM					
MARIO ABREGO					

Form. Name _____ Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date	5-28-14	05/28/14	05/28/14	05/28/14
Time	4:00AM	9:00AM	10:30AM	12:30PM

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	440	0	3111	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud type	0	Density	0	Lb/Gal
Disp. Fluid	H2O	Density	8.33	Lb/Gal
Spacer type	SODIUM SILIC BBL.		20	
Spacer type	BBL.			
Acid Type	Gal.		%	
Acid Type	Gal.		%	
Surfactant	Gal.		In	
NE Agent	Gal.		In	
Fluid Loss	Gal/Lb		In	
Gelling Agent	Gal/Lb		In	
Fric. Red.	Gal/Lb		In	
MISC.	Gal/Lb		In	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
05/28/14	3.5	05/28/14	2.5	Production
Total	3.5	Total	2.5	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures

MAX 950	AVG 100
Average Rates in BPM	
MAX 3	AVG 3
Cement Left in Pipe	
Feet 44	Reason Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	435	O-Tex LowDense	2% Gyp, 2% Calcium Chloride, 2% C-43, 0.4% C-15, 0.4% C-41P, 0.2% C-61, 0.25 #/sk Cellulose	13.29	2.25	11.5
2	0	0	0	0	0	0
3						
4						

Summary

Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	20.00	Type: SODIUM SILICATE
Average (5 Min)	Lost Returns: NO	Load & Bkdn: Gal - BBI	73	Pad: BBI-Gal
	Actual TOC	Excess /Return: BBI	SURFACE	Calc. Disp Bbl
	Frac. Gradient	Calc. TOC		Actual Disp
	10 Min	Treatment: Gal - BBI		Disp Bbl
	15 Min	Cement Slurry: BBI	174.0	
		Total Volume: BBI	267.00	

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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