

JOB SUMMARY		PROJECT NUMBER TN # 1310	TICKET DATE 11/7/2014
COUNTY Stanton	COMPANY Linn Energy		CUSTOMER REF 0
LEASE NAME Campbell	Well No. E4 ATU 456	JOB TYPE Surface	EMPLOYEE NAME Steve Crocker

EMP NAME							
Steve Crocker							
Tony Lewis							
Miguel Margodo							

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

Date	Called Out	On Location	Job Started	Job Completed
		11/07/14	11/07/14	11/07/14
Time		1900	2040	2230

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	24	8.625	40	0	730	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	Qty	Density	0	Lb/Gal
Mud Type	H2O	Density	8.33	Lb/Gal
Disp. Fluid				
Spacer type	H2O 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	
11/07/14	3.5	11/07/14	2.5	Surface
				Pump 100bbl spacer H2O
				Pump lead cmt at 14.8
				100bbls
				displace 44bbls H2O
				cmt to surface: 34bbls/ 183sics
Total	3.5	Total	2.5	

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

Pressures

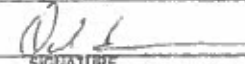
MAX	1000	AVG	60
Average Rates in BPM			
MAX	3.5	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Plus Class C	2% Calcium Chloride, 0.25 lbs/sk Cellulose	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary

Preflush	_____	Type: _____	Preflush:	BBl	10.00	Type:	H2O
Breakdown	_____	MAXIMUM	Load & Bkdn:	Gal - BBl	_____	Pad Bbl - Gal	_____
	_____	Lost Returns	Excess /Return	BBl	34	Calc Disp Bbl	_____
	_____	Actual TOC	Calc. TOC	_____	0	Actual Disp	44.00
Average	_____	Frac. Gradient	Treatment:	Gal - BBl	_____	Disp Bbl	_____
15- 5 Min	_____	10 Min	Cement Slurry	BBl	106.0		
		15 Min	Total Volume	BBl	160.00		

CUSTOMER REPRESENTATIVE _____

SIGNATURE
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JOB SUMMARY		PROJECT NUMBER TN # 1313	START DATE 11/9/2014
COUNTY Stanton	COMPANY Linn Energy	CUSTOMER REP 0	
LEASE NAME Campbell	Well No. E4 ATU 456	JOB TYPE Production	EMPLOYEE NAME DAVID SIGALA

DAVID SIGALA					
BHAWN COTTON					
MIGUEL MURGADO					

Form Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		11/09/14	11/09/14	11/09/14
Time		600	1130	1330

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	J40	KB	3073	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	lb	Density	lb/Gal
Mud Type			
Disp. Fluid	H2O	8.3	Lb/Gal
Spacer type	LOWSTOP(BBL)	30	
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	
11/09/14	4.0	11/09/14	2.0	Production
				JOB COMPLETE SAFE
				APPROX. 40 BBL CMT BACK
				GOOD RETURNS THROUGH JC
				FLOATS HELD 1/2 BBL BCK
Total	4.0	Total	2.0	

Perforac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures			
MAX	1000	AVG	500
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	425	O-TEX LowDense Cement	2% Oyp, 2% Calcium Chloride, 2% C-45, 0.4% C-10, 0.4% C-41P, 0.2% C-01, 0.25 lbs/sk Cellulose	13.29	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	30.00
	Lost Returns / Actual TOC	Load & Bkdn: Gal - BBI	60
Average (54) 5 Min	Frac. Gradient 10 Min 15 Min	Calc. TOC	SURFACE
		Treatment: Gal - BBI	72.00
		Cement Slurry BBI	170.0
		Total Volume BBI	272.00

CUSTOMER REPRESENTATIVE _____

DAVID SIGALA
SIGNATURE

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