JOB SUMMARY

COUNTY: Grant	COMPANY: Linn Energy	PROJECT NUMBER: TN # 735	TICKET DATE: 5/9/2014
LEASE NAME: Brassfield	Well No.: 5 ATU 132	JOB TYPE: Surface	CUSTOMER REP: 0
			EMPLOYEE NAME: Steve Crocker

EMP NAME

Steve Crocker							
Miguel Murgado							
Nate Willis							
Santia Calixto							

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date	5-09-14	05/09/14	05/09/14	05/09/14
Time	1430	2000	2220	2330

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	1	IR
Centralizers	5	IR
Top Plug	0	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	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	J-55	KB	728	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	0	Density	0	Lb/Gal	
Disp. Fluid	H20	Density	8.33	Lb/Gal	
Spacer type	H20	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	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
05/09/14	4.0
Total	4.0

Operating Hours

Date	Hours
05/09/14	1.5
Total	1.5

Description of Job

Surface

Lead Cement: 14.8ppg, 107bbl
456sks

Cement to surface : 54bbls
230sks

Pressures

MAX 900 AVG 200

Average Rates in BPM

MAX 3.2 AVG 3

Cement Left in Pipe

Feet 44 Reason Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	455	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/sk Cellofalke	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary

Preflush _____ Type: _____

Breakdown _____ MAXIMUM _____

_____ Lost Returns-N 0

_____ Actual TOC _____

Average _____ Frac. Gradient _____

ISIP _____ 5 Min. _____ 10 Min. _____ 15 Min. _____

Preflush:	BBl	10.00
Load & Bkdn:	Gal - BBl	
Excess /Return	BBl	54
Calc. TOC		0
Treatment:	Gal - BBl	
Cement Slurry:	BBl	107.0
Total Volume	BBl	161.00

Type: H20

Pad:Bbl -Gal

Calc.Disp Bbl

Actual Disp 44.00

Disp Bbl

CUSTOMER REPRESENTATIVE _____

SIGNATURE

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O - TEX Pumping

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
TN # 739	5/11/2014

COUNTY	COMPANY	CUSTOMER REP
Stanton	Linn Energy	0

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Brassfield	5 ATU 132	Production	Steve Crocker

EMP NAME							
Steve Crocker							
Miguel Murgado							
Sanda Calixto							
Joe Arellano							

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date	5-10-14	05/11/14	05/11/14	05/11/14
Time	2000	530	1020	1200

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	1	IR
Centralizers	26	IR
Top Plug	0	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	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		0	3114	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft
Perforations							
Perforations							
Perforations							

Materials

Mud Type	0	Density	0	Lb/Gal
Disp. Fluid	H20	Density	8.33	Lb/Gal
Spacer type	Flow Stop	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

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
05/11/14	7.0
Total	7.0

Operating Hours

Date	Hours
05/11/14	2.0
Total	2.0

Description of Job

Production

Lead Cement:11.6ppg
174bbls, 435sks

Displace 73bbls H2O

Cement to Surface 58bbls
145sks

Pressures

MAX 1300 AVG 400

Average Rates in BPM

MAX 3.5 AVG 3.2

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 Cement	2% Gypsum, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-31, 0.25 lb/sk CelloFlake	13.29	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary

Preflush _____ Type: _____

Breakdown _____ MAXIMUM _____

Lost Returns-Y/N 0

Actual TOC _____

Average _____ Frac. Gradient _____

1st _____ 5 Min _____ 10 Min _____ 15 Min _____

Preflush:	BBl	30.00
Load & Bkdn:	Gal - BBl	
Excess /Return	BBl	58
Calc. TOC:		0
Treatment:	Gal - BBl	
Cement Slurry:	BBl	174.0
Total Volume	BBl	277.00

Type: Flow Stop

Pad Bbl -Gal

Calc.Disp Bbl

Actual Disp. 73.00

Disp Bbl

CUSTOMER REPRESENTATIVE _____

SIGNATURE

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