JOB SUMMARY

		TN # 1526	2/24/2015
COUNTY: Grant	COMPANY: Linn Energy	CUSTOMER REP: 0	
LEASE NAME: Barnes	Well No.: #5 ATU 149	JOB TYPE: Surface	EMPLOYEE NAME: Steve Crocker

EMP NAME
Steve Crocker
Tony Lewis
Angel Garcia
Miguel Murgado

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		02/24/15	02/24/15	02/24/15
Time		0	450	630

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	J-55	0	729	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
02/24/15	6.5
Total	6.5

Operating Hours

Date	Hours
02/24/15	1.5
Total	1.5

Description of Job: Surface

pump 10bbls spacer H2O
pump 186bbls lead cmt
at 14.8ppg
s/d drop plug
displace 44bbls H2O
bump
check floats

cmt to surface 50bbls/213sks

Pressures

MAX 800 AVG 150

Average Rates in BPM

MAX 3.6 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 lb/sk Cello-flake	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: 0
Actual TOC:
Average: Frac. Gradient:
5 Min: 10 Min: 15 Min:

Preflush:	BBl	10.00	Type:	H20	
Load & Bkdn:	Gal - BBl		Pad:Bbl -Gal		
Excess /Return	BBl	58	Calc Disp Bbl		
Calc TOC:		0	Actual Disp	44.00	
Treatment:	Gal - BBl		Disp Bbl		
Cement Slurry	BBl	106.0			
Total Volume	BBl	160.00			

CUSTOMER REPRESENTATIVE SIGNATURE

Thank You For Using
- TEX Pumping

JOB SUMMARY

PROJECT NUMBER: TN # 1528	TICKET DATE: 2/26/2015		
COUNTY: Grant	COMPANY: Linn Energy	CUSTOMER REP: 0	
LEASE NAME: Barnes	Well No.: 5 ATU 149	JOB TYPE: Production	EMPLOYEE NAME: DAVID SIGALA

EMP NAME

DAVID SIGALA							
SHAWN COTTON							
MIGUEL MURGADO							

Form. Name: 0 Type:

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

	Called Out	On Location	Job Started	Job Completed
Date		02/25/15	02/26/15	02/26/15
Time		800AM	400AM	600AM

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		KB	2857	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	0	Density 0	Lb/Gal	
Disp. Fluid	H20	Density 8.3	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
02/25/15	22.0
Total	22.0

Operating Hours

Date	Hours
02/26/15	2.0
Total	2.0

Description of Job

Production

GOOD RETURNS
JOB COMPLETE SAFE
60 BBLS CMT BACK
FLOATS HELD 1/2 BBL BACK

Pressures

MAX 1000 AVG 300

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	395	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.2% X-Air, 0.2% C-51, 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: BBl 10.00 Type: H20
Load & Bkdn: Gal - BBl
Excess Return: B 60
Calc TOC: SURFACE
Treatment: Gal - BBl
Cement Slurry: BBl 158.0
Total Volume: BBl 235.00

Preflush Type:
Breakdown MAXIMUM
Lost R
Average
Frac. Gradient
5 Min 10 Min 15 Min

Pad Bbl -Gal
Calc Disp Bbl
Actual Disp 57.80
Disp Bbl

CUSTOMER REPRESENTATIVE

SIGNATURE

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