JOB SUMMARY

COUNTY: 0	COMPANY: Linn Energy	TICKET NUMBER: TN # 1241	TICKET DATE: 10/14/2014
LEASE NAME: Alfer	Well No.: A4 ATU 445	Job Type: Surface	CUSTOMER REP: 0
EMP NAME: DAVIDSIGALA			EMPLOYEE NAME: DAVIDSIGALA

DAVIDSIGALA							
SHAWN COTTON							
CHRISTOPHER LAYTON							
ADAM MORRIS							

Form. Name: 0 Type:

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

Date	Called Out	On Location	Job Started	Job Completed
		10/14/14	10/14/14	10/14/14
Time		600	2130	2300

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		KB	730	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
10/14/14	6.0
Total	6.0

Operating Hours

Date	Hours
10/14/14	1.5
Total	1.5

Description of Job

Surface
JOB COMPLETE SAFE
FLOATS HELD
APROX. BBL 50 CMT BACK
1/2BBLS BACK AFTER CHECK

Pressures

MAX 700 AVG 100

Average Rates in BPM

MAX 3 AVG 3

Cement Left in Pipe

Feet 43 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-Y/N: 0
Actual TOC
Average: Frac. Gradient
Min: 5 Min: 10 Min: 15 Min:

Preflush:	BBl	10.00	Type:	H20	
Load & Bkdn:	Gal - BBl		Pad Bbl -Gal		
Excess /Return	BBl	53	Calc Disp Bbl		
Calc. TOC		1,455	Actual Disp	44.00	
Treatment:	Gal - BBl		Disp Bbl		
Cement Slurry	BBl	107.0			
Total Volume	BBl	160.97			

CUSTOMER REPRESENTATIVE: Weldon Hughes SIGNATURE:

Thank You For Using
O - TEX Pumping

JOB SUMMARY

		PROJECT NUMBER: TN # 1246	TICKET DATE: 10/16/2014
COUNTY: Morton	COMPANY: Linn Energy	CUSTOMER REP: 0	
LEASE NAME: Alter	Well No.: A4 ATU 445	JOB TYPE: Production	EMPLOYEE NAME: DAVID SIGALA

EMP NAME

DAVID SIGALA			
MARIO ABREGO			
RICHARD POLK			

Form. Name: * Type:

Packer Type: Set At:

Bottom Hole Temp.: Pressure:

Retainer Depth: Total Depth:

Date	Called Out	On Location	Job Started	Job Completed
		10/16/14	10/16/14	10/16/14
Time		745		

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	J-55	KB	3063	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	FLOWSTOP	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
10/16/14	
Total	0.0

Operating Hours

Date	Hours
10/16/14	
Total	0.0

Description of Job

Production

JOB COMPLETE SAFE
FLOATS HELD
APROX 1/2 BBLS BACK WHEN
APPROX 30 BBL CMT BACK

Pressures

MAX AVG

Average Rates in BPM

MAX AVG

Cement Left in Pipe

Feet 42 Reason Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	425	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 3% C-45, 0.4% C-15, 0.4% C-41P, 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		Type:		Preflush: BBl	30.00
Breakdown		MAXIMUM		Load & Bkdn: Gal - BBl	
		Lost Returns-N	0	Excess /Return BBl	0
		Actual TOC		Calc TOC	SURFACE
Average		Frac. Gradient		Treatment: Gal - BBl	
	5 Min.	10 Min.	15 Min.	Cement Slurry BBl	170.0
				Total Volume BBl	272.00

Type:	FLOWSTOP		
Pad:Bbl -Gal			
Calc Disp Bbl			
Actual Disp	72.00		
Disp Bbl			

CUSTOMER REPRESENTATIVE: [signature] SIGNATURE

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