

# JOB SUMMARY

<b>PROJECT NUMBER</b> TN # 1230	<b>TICKET DATE</b> 10/8/2014
<b>COUNTY</b> Stanton	<b>COMPANY</b> Linn Energy
<b>LEASE NAME</b> Harkrader	<b>CUSTOMER REP</b> HARMAN
<b>Well No.</b> 3 ATU 361	<b>EMPLOYEE NAME</b> JESUS JIMENEZ
<b>JOB TYPE</b> Surface	

EMP NAME	JESUS JIMENEZ		
LAMONT PATTERSON			
CHRISTOPHER LAYTON			
JOHNSON KESHAH			

**Form. Name** Chase-Council Grove **Type:** \_\_\_\_\_

**Packer Type** \_\_\_\_\_ **Set At** \_\_\_\_\_

**Bottom Hole Temp.** \_\_\_\_\_ **Pressure** \_\_\_\_\_

**Retainer Depth** \_\_\_\_\_ **Total Depth** \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	10-8-14	10/08/14	10/08/14	10/08/14
Time	8:00AM	5:00PM	9:00PM	10:00PM

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-05	0	761	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials			
Mud Type	0	Density	0
Disp. Fluid	H2O	Density	8.33
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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/08/14	5.0	10/08/14	1.0	Surface
<b>Total</b>	<b>5.0</b>	<b>Total</b>	<b>1.0</b>	

**Perfpac Balls** \_\_\_\_\_ **Qty.** \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

<b>MAX</b> 900	<b>AVG</b> 50
<b>Pressures</b>	
<b>MAX</b> 3	<b>AVG</b> 3
<b>Average Rates in BPM</b>	
<b>Cement Left in Pipe</b>	
<b>Feet</b> 43	<b>Reason</b> Shoe Joint

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	480	Premium Class C	2% Calcium Chloride and .25 #/sk Celloflake	6.34	1.35	14.8
2						
3						
4						

<b>Preflush Breakdown</b>	<b>Summary</b>
Type: _____	Preflush: BBI
MAXIMUM _____	Load & Bkdn: Gal - BBI
Lost Returns: NO	Excess /Return BBI
Actual TOC _____	Calc. TOC: _____
Frac. Gradient _____	Treatment: Gal - BBI
5 Min _____	Cement Slurry BBI
10 Min _____	Total Volume BBI
15 Min _____	10.00
	46
	SURFACE
	115.0
	171.00

CUSTOMER REPRESENTATIVE *Jesus Jimenez* SIGNATURE \_\_\_\_\_

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O - TEX Pumping

# JOB SUMMARY

<b>COUNTY</b> 0	<b>PROJECT NUMBER</b> TN # 1234	<b>TICKET DATE</b> 10/10/2014
<b>LEASE NAME</b> Harkrader	<b>COMPANY</b> Linn Energy	<b>CUSTOMER REP</b> 0
<b>Well No.</b> 3 ATU 361	<b>JOB TYPE</b> Production	<b>EMPLOYEE NAME</b> Chris Lewis

EMP NAME	Chris Lewis		
	Tim Burke		
	Adam Morris		

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At \_\_\_\_\_

Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
		10/10/14	10/10/14	10/10/14
Time	500			

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	3062	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials			
Mud Type	0	Density	0 Lb/Gal
Disp. Fluid	H2O	Density	8.33 Lb/Gal
Spacer type	Flow Stop 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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/10/14	8.0	10/10/14	1.5	Production
Total	8.0	Total	1.5	

Pressures	
MAX 2000	AVG 500
Average Rates in BPM	
MAX 3	AVG 3
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, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 lb/sk Cellotflake	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	20.00
	Lost Returns: 0	Load & Bkdn: Gal - BBI	
	Actual TOC	Excess /Return BBI	45
Average	Frac. Gradient	Calc. TOC:	0
ISIP: 5 Min	10 Min	Treatment: Gal - BBI	
	15 Min	Cement Slurry BBI	170.0
		Total Volume BBI	262.00

CUSTOMER REPRESENTATIVE SIGNATURE

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