

# JOB SUMMARY

COUNTY <b>Grant</b>		COMPANY <b>Linn Energy</b>		PROJECT NUMBER <b>TN # 391</b>	TICKET DATE <b>12/22/2013</b>
LEASE NAME <b>Leigh</b>		Well No. <b>4 ATU 151</b>	JOB TYPE <b>Surface</b>	CUSTOMER REP <b>Weldon Higgins</b>	
EMP NAME <b>Seth Lee</b>		EMPLOYEE NAME <b>Seth Lee</b>			

Seth Lee			
Mario Abrego			
Adam Wall			

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
		12/22/13	12/22/13	12/22/13
Time		1015	1135	1240

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	KB	772	1500
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	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	
12/22/13	4.0	12/22/13	2.0	Surface
Total		Total		
4.0		2.0		

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		
MAX	1000	AVG. 250
Average Rates in BPM		
MAX	4	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 Class C	2% Calcium Chloride and .25 #/sk Cellulofake	6.34	1.35	14.8
2						
3						
4						

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns ↑ _____	Preflush: BBI _____	10.00
Average	ISIP _____ 5 Min _____	Frac. Gradient _____	10 Min _____	Load & Bkdn: Gal - BBI _____	46
			15 Min _____	Excess /Return BBI _____	Surface
				Calc. TOC _____	46.00
				Treatment: Gal - BBI _____	
				Cement Slurry BBI _____	108.0
				Total Volume BBI _____	164.00

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

**Thank You For Using**  
**O - TEX Pumping**

# JOB SUMMARY

COUNTY <b>Grant</b>	PROJECT NUMBER <b>TN # 392</b>	TICKET DATE <b>12/24/2013</b>
COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Weldon Higgins</b>	
LEASE NAME <b>Leigh</b>	Well No. <b>4 ATU 151</b>	JOB TYPE <b>Production</b>
EMP NAME <b>Jason Jones</b>		EMPLOYEE NAME <b>Jason Jones</b>

Jason Jones			
Steve Crocker			
Devin Londagin			

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
		12/23/13	12/24/13	12/24/13
Time		2300	200	400

Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	28	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	IR
Guide Shoe	1	IR
Cement Basket	0	IR

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	J45	KB	3108	5000
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	dium Silic: 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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/23/13	6.0	12/24/13	2.0	Production
				Good returns thru job
				No cmt to surface
				final lift was 520psi
				Job was completed safely
Total	6.0	Total	2.0	

Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Pressures		
MAX	1150	AVG. 520
Average Rates in BPM		
MAX	4	AVG. 3
Cement Left in Pipe		
Feet	44	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	205	Premium Plus Class C	0.2% C-41P, 5% Gyp, 0.25%/sax Cellulofake	23.49	3.65	10.8
2	95	Premium Plus Class C	2% Gel, 0.2% C-18A, 2% Calcium Chloride	10.4	1.90	13.0
3						
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	20.00
	MAXIMUM _____	Load & Bkdn: Gal - BBI	
	Lost Returns-# _____	Excess /Return BBI	50
	Actual TOC _____	Calc. TOC:	50
Average	Frac. Gradient _____	Treatment: Gal - BBI	
15IP	5 Min _____ 10 Min _____ 15 Min _____	Cement Slurry BBI	#VALUE!
		Total Volume BBI	#VALUE!

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

Thank You For Using  
O - TEX Pumping