

# JOB SUMMARY

COUNTY <b>Stanton</b>	COMPANY <b>Linn Energy</b>	PROJECT NUMBER TN # <b>226</b>	TICKET DATE <b>9/1/2013</b>
LEASE NAME <b>Chadd</b>	Well No. <b>5-ATU-20</b>	CUSTOMER REP <b>Orlando Lozano</b>	EMPLOYEE NAME <b>Jessie McClain</b>
EMP NAME <b>Jessie McClain</b>			

Jason Jones	Devin Londagin	_____	_____
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Form Name Council - Grave Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	09/02/13	09/02/13	09/02/13	09/02/13
Time	1200	1630	2130	2300

Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	5	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing	New	24#	8.625"	J55	KB	730'
Liner						1500
Liner						
Tubing						
Drill Pipe						
Open Hole						
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Mud Type		8.9	
Disp. Fluid	H2O	Density 8.33	
Spacer type	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	
09/02/13	7.0	09/02/13	1.5	Surface
				Final pump psi: 160 psi
				Cmt to surface 0
Total	7.0	Total	1.5	

Perpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Pressures	
MAX 800	AVG 50
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	Class C	2% C.C. + 0.25#/SK Cellulose	6.30	1.32	14.8
2						
3						
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00
	MAXIMUM _____	Load & Bkdn: Gal - BBI	_____
	Lost Returns -> _____	Excess /Return BBI	0
Average	Actual TOC _____	Calc TOC	surface
ISIP 5 Min	Frac. Gradient _____	Treatment: Gal - BBI	_____
	10 Min _____	Cement Slurry: BBI	108.0
		Total Volume BBI	159.60

CUSTOMER REPRESENTATIVE \_\_\_\_\_

  
 SIGNATURE

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

# JOB SUMMARY

<b>COUNTY</b> Stanton	<b>PROJECT NUMBER</b> TN # 229	<b>TICKET DATE</b> 9/4/2013
<b>LEASE NAME</b> Chadd	<b>COMPANY</b> Linn Energy	<b>CUSTOMER REP</b> Orlando Lozano
<b>Well No.</b> 5-ATU-20	<b>JOB TYPE</b> Production	<b>EMPLOYEE NAME</b> Jessie McClain

EMP NAME Jessie McClain			
Lamont Patterson			
Devin Londagin			

Form Name: Council - Grave Type: \_\_\_\_\_

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

Bottom Hole Temp: \_\_\_\_\_ Pressure: \_\_\_\_\_

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

Date	Called Out	On Location	Job Started	Job Completed
	09/03/13	09/04/13	09/04/13	09/04/13
Time	2300	330	1025	1225

**Tools and Accessories**

Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	26	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	0	IR
Texas Pattern 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	J-55	KB	3114'	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7.875"		K.B.		Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	WBM	Density	8.9	Lb/Gal
Disp. Fluid	H2O	Density	8.33	Lb/Gal
Spacer type	im silicate	BBL	35	
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 \_\_\_\_\_

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
09/04/13	10.0	09/04/13	2.0	Production
				Final pump psi: 300 psi
				0 cmt to pit
				0 ft 0sks
Total	10.0	Total	2.0	

**Pressures**

MAX 800      AVG 60

**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	Class C	0.2% C-11P, + 5% GYP, + 0.25%/SK. Cellulose	23.49	3.65	10.8
2	95	Class C	2% GEL, + 0.2% C-16A, + 2% C.C.	10.4	1.90	13.0
3			DO NOT PUMP OVER 4 B.P.M. WATCH FOR CIRC. WHILE PUMPING JOB. 2 B.P.M. MIN. IF NO CIRC.			
4						

**Summary**

Preflush Breakdown	Type: _____	Preflush: BBI	35.00	Type: Sodium silicate / H2O
	MAXIMUM	Load & Bkdn: Gal - BBI		Pad Bbl - Gal
	Lost Returns: 0	Excess /Return BBI	0	Calc Disp Bbl
	Actual TOC	Calc TOC	unknown	Actual Disp
Average 5 Min	Frac. Gradient	Treatment: Gal - BBI		Disp Bbl
	10 Min	Cement Slurry: BBI	165.0	
	15 Min	Total Volume BBI	273.00	

CUSTOMER REPRESENTATIVE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

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