

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 790</b>	TICKET DATE <b>5/24/2014</b>
COUNTY <b>Stanton</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Weldon Higgins</b>	
LEASE NAME <b>Nicholas</b>	Well No <b>A-5 ATU 215</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Bryon Hackett</b>

EMP NAME	Bryon Hackett	Steve Crocker	Miguel Garcia	Justin Adams
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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
	05/23/14	05/23/14	05/23/14	05/24/14
Time	1215	1730	2338	38

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	Max. Allow
Casing	24	8.625	JK	KB	728	1500
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
u	Density	u	Lb/Gal
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	
05/23/14	8.0	05/23/14	1.0	Surface
Total	8.0	Total	1.0	

Perforac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		
MAX	AVG	Reason
900	100	
Average Rates in BPM		
MAX	AVG	Shoe Track
3	3	
Cement Left in Pipe		
Feet	44	

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	456	Premium Class C	2% Calcium Chloride and .25 8% Celvolake	6.34	1.35	14.8
2						
3						
4						

Summary					
Preflush Breakdown	Type: MAXIMUM	Preflush: 10.00	BBI	Type: H2o	
Average	Lost Returns: 0	Load & Bkdn: 30	Gal - BBI	Pad. Bbl - Gal	
	Actual TOC	Excess Return BBI		Calc Disp Bbl	
	Frac. Gradient	Calc TOC		Actual Disp	44.00
	10 Min	Treatment: 109.0	Gal - BBI	Disp Bbl	
	15 Min	Cement Slurry: 163.00	BBI		
		Total Volume	BBI		

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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● - TEX Pumping

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 798</b>	TICKET DATE <b>5/25/2014</b>
COUNTY <b>Stanton</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Weldon Higgins</b>	
LEASE NAME <b>Nicholas</b>	Well No <b>A-5 ATU 215</b>	JOB TYPE <b>Production</b>	EMPLOYEE NAME <b>Bryon Hackett</b>

EMP NAME					
<b>Bryon Hackett</b>					
<b>Miguel Murgado</b>					
<b>Miguel Garcia</b>					

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

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

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

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

	<b>Called Out</b>	<b>On Location</b>	<b>Job Started</b>	<b>Job Completed</b>
Date	<b>05/24/14</b>	<b>05/25/14</b>	<b>05/25/14</b>	<b>05/25/14</b>
Time	<b>2100</b>	<b>800</b>	<b>1133</b>	<b>1316</b>

**Tools and Accessories**

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	KB		3112	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	H2o	Density	Lb/Gal
Disp. Fluid		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	
05/25/14	6.0	05/26/14	1.5	Production
<b>Total</b>	<b>6.0</b>	<b>Total</b>	<b>1.5</b>	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

**Pressures**

MAX	1250	AVG	100
<b>Average Rates in BPM</b>			
MAX	3	AVG	3
<b>Cement Left in Pipe</b>			
Feet	44	Reason	Shoe Track

**Cement Data**

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	435	O-TEX LowDense	2% Oyp, 2% Calcium Chloride, 2% C-43, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 #/sk Cellulose	13.29	2.25	11.5
2	0	0	0	0	0	0
3						
4						

**Summary**

Preflush	Type: _____	Preflush	BBI	10.00	Type: H2o
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI		Pad: Bbl - Gal
	Lost Returns: 0	Excess Return	BBI	45	Gal: Disp Sol
	Actual TOC	Calc. TOC		0	Actual Disp
Average	Frac. Gradient	Treatment	Gal - BBI		Disp Sol
at 5 Min	10 Min	Cement Slurry	BBI	174.0	
	15 Min	Total Volume	BBI	257.00	

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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