

# JOB SUMMARY

<b>COUNTY</b> Grant	<b>PROJECT NUMBER</b> TN # 201	<b>TICKET DATE</b> 8/15/2013
<b>LEASE NAME</b> G. HAGERMAN	<b>WELL No.</b> 4 ATU 62	<b>COMPANY</b> Linn Energy
<b>JOB TYPE</b> Surface		<b>CUSTOMER REP</b> Weldon Higgins
<b>EMP NAME</b> Jason Jones		<b>EMPLOYEE NAME</b> Jason Jones

Jason Jones			
Lamont Patterson			
Steve Crocker			
Devin Londagin			

Form. Name Council - Grove 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 8/13/14	08/15/13	08/15/03	08/16/13
Time 15:00	1900	2350	59

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

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing	New	24#	8.625"	J45	KB	730	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12.25"		K.B.	730	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	H2O	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	
08/15/13	7.0	08/15/03	2.0	Surface
				Approx 45 bbls. Cmt
				To surface
				190 sks
				Good returns thru job
				Job was completed safely
				Floats held with
				1/4 bbl. Of H2O returning to pump
Total	7.0	Total	2.0	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX 900	AVG 200
Average Rates in BPM	
MAX 4	AVG 3
Cement Left in Pipe	
Feet 44	Reason SHOE JOINT

Cement Data			
Stage	Sacks	Cement	Additives
1	450	Class C	2% C.C. + 0.25#/SK. Celloflake
2			
3			
4			
			W/Rq. 6.30 Yield 1.32 Lbs/Gal 14.8

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00 Type: H2O
	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
	Lost Returns-N	Excess /Return BBI	Calc. Disp Bbl 44
	Actual TOC	Calc. TOC	Actual Disp. 0.00
Average	Frac. Gradient	Treatment: Gal - BBI	Disp: Bbl
ISIP 5 Min	10 Min	Cement Slurry: BBI	#VALUE!
	15 Min	Total Volume BBI	#VALUE!

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE \_\_\_\_\_

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

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 202</b>	TICKET DATE <b>8/17/2013</b>
COUNTY <b>Kearny</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Weldon Higgins</b>	
LEASE NAME <b>G. Hagerman</b>	Well No. <b>4 ATU 62</b>	EMPLOYEE NAME <b>Jason Jones</b>	
JOB TYPE <b>Production</b>			

EMP NAME <b>Jason Jones</b>				
<b>Lamont Patterson</b>				
<b>Mario Abrego</b>				
<b>Chris Fry</b>				

Form. Name Council - Greve Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out <b>8/16/13</b>	On Location <b>08/17/13</b>	Job Started <b>08/17/13</b>	Job Completed <b>08/17/13</b>
Time	<b>00:10</b>	<b>815</b>	<b>1055</b>	<b>1230</b>

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
Guide Shoe	1	IR
Cement Basket	0	IR

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.6	KB	3070	2500
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			7.875"	K.B.		Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Disp. Fluid	H2O	8.33	
Spacer type	H2O BBL.	20	
Spacer type	dium Silic BBL.	20	
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	
08/17/13	5.0	08/17/13	2.0	Production
				Good returns thru Job
				400psi was final lift Pressure
				Floats Held
				Job was completed safely
				No Cmt. To surface
Total	5.0	Total	2.0	

Perfoac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_

Pressures	
MAX	1140
AVG.	400
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-41P, + 5% GYP, + 0.25%MSK, 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: _____	MAXIMUM _____	Lost Returns-N _____	Actual TOC _____	Frac. Gradient _____
Average ISIP	5 Min _____	10 Min _____	15 Min _____	Treatment: Gal - BBI _____	Cement Slurry: BBI _____
				Total Volume	BBI 267.41
					20.00
					N/A
					100
					165.4
					72
					72.00

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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