

# JOB SUMMARY

COUNTY <b>Grant</b>	PROJECT NUMBER <b>TN # 1486</b>	TICKET DATE <b>2/3/2015</b>
LEASE NAME <b>W.L. Puckett</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>0</b>
Well No. <b>4 ATU 168</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>JASON JONES</b>

JASON JONES			
SETH LEE			
JOE ARELLANO			
RICK POLK			

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

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		02/03/15	02/03/15	02/03/15
Time		100	200	300

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 Shoes	0	IR
Cement Basket	0	IR

Casing	New/Used	Weight	Well Data		From	To	Max. Allow
			Size	Grade			
Liner	New	24	8.625	J-55	KB	739	2000
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft
Perforations							
Perforations							

Materials			
Mud Type	Density	0	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	
02/03/15	3.0	02/03/15	2.0	Surface
Total	3.0	Total	2.0	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX 1300	AVG 300
Average Rates in BPM	
MAX 4	AVG 3
Cement Left in Pipe	
Feet 42	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/sk Cellulose	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Preflush Breakdown Average 5 Min	Summary Type: MAXIMUM Lost Returns: NO Actual TOC: SURFACE Frac. Gradient: 10 Min 15 Min	Preflush: BBI Load & Bkdn: Gal - BBI Excess /Ret. in BBI Calc. TOC: Gal - BBI Cement Slurry: BBI Total Volume: BBI	Type: H2O Pad. Bbl - Gal: 44 Calc. Disp. Bbl: 44.00 Actual Disp. Bbl
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CUSTOMER REPRESENTATIVE *W.L. Puckett* SIGNATURE

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TEX Pumping

# JOB SUMMARY

<b>COUNTY</b> Grant	<b>PROJECT NUMBER</b> TN # 1487	<b>TRKGT/DATE</b> 2/4/2015
<b>LEAD NAME</b> W.L. Puckett	<b>COMPANY</b> Linn Energy	<b>CUSTOMER ASP</b> 0
<b>WELL No.</b> 4 ATU 168	<b>JOB TYPE</b> Production	<b>EMPLOYEE NAME</b> Steve Crocker

Steve Crocker			
Tony Lewis			
Jehruy Blackwood			

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

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		02/04/15	02/04/15	02/04/15
Time		600	940	1200

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

	New/Used		Weight	Size	Grade	From	To	Max. Allow
	New	Used						
Casing			15.5	5.5	40	0	2857	2500
Liner								
Liner								
Tubing								
Drill Pipe								
Open Hole								Shots/Ft.
Perforations								
Perforations								
Perforations								

Materials			
Mud Type	Disp.	Density	Lb/Gal
Disp. Fluid	H2O	8.33	
Spacer type	BBL	10	
Spacer type	BBL		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	tn	
NE Agent	Gal.	tn	
Fluid Loss	Gal/Lb	tn	
Gelling Agent	Gal/Lb	tn	
Fric. Red.	Gal/Lb	tn	
MISC.	Gal/Lb	tn	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
02/04/15	6.0	02/04/15	2.3	Production
				pump 10bbl spacer
				pump 15bbl lead cmt
				at 11.5ppm
				displace 87bbl H2O
				cmt to surface 7000ft/173bbls
Total	6.0	Total	2.3	

Pressures			
MAX	1100	AVG	200
Average Rates in BPM			
MAX	3.5	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	385	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-1A, 0.4% C-41P, 0.2% C-61, 0.25 Bbls Cellulose	13.28	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	10.00	Type: H2O	
	Lost Returns: 0	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal	
	Actual TOC: _____	Excess / Return: BBI	70	Calc Disp Bbl	
Average	Frac. Gradient: 10 Min	Calc TOC: 0		Actual Disp	67.00
5 Min	15 Min	Treatment: Gal - BBI		Disp Bbl	
		Cement Slurry: BBI	150.0		
		Total Volume: BBI	235.00		

CUSTOMER REPRESENTATIVE *W. L. Puckett* SIGNATURE

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