

<b>JOB SUMMARY</b>			PROJECT NUMBER TN # 199	TICKET DATE 8/12/2013
COUNTY <b>Finney</b>	COMPANY <b>Linn Operating Inc.</b>	CUSTOMER REP <b>Orlando Lozano</b>		
LEASE NAME <b>Gerdes</b>	Well No. <b>3 ATU 50</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Eddie Pickard</b>	

EMP NAME					
Eddie Pickard					
Chris Lewis					
Rory Morris					
Devin Londagin					

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

Date	Called Out 8/12/13	On Location 08/13/13	Job Started 08/13/13	Job Completed 08/13/13
Time	15:00	2300	300	500

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"	44	KB	940	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12.25"		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	H2O	BBL.	15
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	
08/13/13	6.0	08/13/13	3.0	Surface
Total	6.0	Total	3.0	

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

Pressures		
MAX	1500	AVG. 200
Average Rates in BPM		
MAX	4	AVG. 3.5
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	575	Class C	2% C.C. + 0.25#/SK. Celloflake	6.30	1.32	14.8
2						
3						
4						

Summary					
Preflush Breakdown	Type: _____	Preflush: BBI	15.00	Type: H2O	
	MAXIMUM _____	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal	
	Lost Returns-h _____	Excess /Return BBI	55	Calc. Disp Bbl	
	Actual TOC _____	Calc. TOC: _____	Surface	Actual Disp.	57.00
Average	Frac. Gradient _____	Treatment: Gal - BBI		Disp:Bbl	
ISP _____	5 Min. _____	Cement Slurry: BBI	135.0		
	10 Min _____	15 Min _____	Total Volume	BBI	207.00

CUSTOMER REPRESENTATIVE *O. L. Lozano* SIGNATURE

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

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 200</b>	TICKET DATE <b>8/14/2013</b>
COUNTY <b>Kearny</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Weldon Higgins</b>	
LEASE NAME <b>Gerdas</b>	Well No. <b>3 ATU 50</b>	EMPLOYEE NAME <b>Jason Jones</b>	
JOB TYPE <b>Production</b>			

Jason Jones					
Bryon Hackett					
Mario Abrego					

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

Date	Called Out <b>8/14/13</b>	On Location <b>08/14/13</b>	Job Started <b>08/14/13</b>	Job Completed <b>08/14/13</b>
Time	<b>00:10</b>	<b>830</b>	<b>1045</b>	<b>1235</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

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	6.5	J-55	KB	3170	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7.875"		K.B.		Shots/Ft.
Perforations							
Perforations							
Perforations							

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
08/14/13	5.0	08/14/13	2.0	Production
				Approx 12 bbls Cmt to Surface
				Good returns thru Job
				Job was completed safely
				1/2 bbl H2O when check floats returned to pump
Total	5.0	Total	2.0	

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

Pressures			
MAX	1200	AVG	300
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%/SK. Celobake	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 CRC. WHILE PUMPING JOB. 2 B.P.M. MIN. IF NO CRC.			
4						

Summary					
Preflush Breakdown	_____	Type: _____	Preflush: BBI	10.00	Type: H2O
		MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
		Lost Returns-N	Excess /Return BBI	12	Calc Disp Bbl
		Actual TOC	Calc TOC:	Surface	Actual Disp
Average		Frac. Gradient	Treatment: Gal - BBI		Diso Bbl
ISIP	5 Min.	10 Min.	Cement Slurrv: BBI	#VALUE!	
		15 Min.	Total Volume	BBI	#VALUE!

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

**Thank You For Using  
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