

JOB SUMMARY

COUNTY Grant LEASE NAME Beymer EMP NAME Jessie McClain	PROJECT NUMBER TN # 322 CUSTOMER REP Orlando Lozano EMPLOYEE NAME Jessie McClain	TICKET DATE 10/29/2013
COMPANY Linn Energy Well No C4 - ATU - 23 JOB TYPE Surface		

Jessie McClain			
Steve Crocker			
Angel Garcia			

Form Name Council - Grove Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	10/28/13	10/28/13	10/29/13	10/29/13
Time	1630	2200	300	400

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"	J-40	KB	729'
Liner						1500
Liner						
Tubing						
Drill Pipe						
Open Hole						
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	H2O	8.9	
Spacer type	H2O	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	
10/28/13	7.0	10/29/13	1.0	Surface
				Final pump psi: 245psi
				49 bbls cmt to pit
				275 ft3 / 208 sks
Total	7.0	Total	1.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 800	AVG 50
Average Rates in BPM	
MAX 4	AVG 3
Cement Left in Pipe	
Feet 43.7'	Reason Shoe Joint

Cement Data			
Stage	Sacks	Cement Class	Additives
1	450	Class C	2% C.C. + 0.25%/SK. Cellotake
2			
3			
4			

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	10.00
	Lost Returns: 0	Load & Bkdn: Gal - BBI	
	Actual TOC: Surface	Excess /Return: BBI	49
Average	Frac Gradient: 10 Min	Calc TOC: Surface	43.50
ISIP: 5 Min	15 Min	Treatment: Gal - BBI	105.0
		Cement Slurry: BBI	159.50
		Total Volume: BBI	159.50

CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

Thank You For Using
O - TEX Pumping

JOB SUMMARY

COUNTY Grant LEASE NAME Beymer EMP NAME Bryon Hackett Lamont Patterson Miguel Garcia	PROJECT NUMBER TN # 323 CUSTOMER REP Orlando Lozano EMPLOYEE NAME	TICKET DATE 10/30/2013
COMPANY Linn Energy Well No BC4-ATU-23 JOB TYPE Production		

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

Date	Called Out	On Location	Job Started	Job Completed
	10/30/13	10/30/13	10/30/13	10/30/13
Time	04:00	1100	2150	2336

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
Casing	New	15.6	6.5	J-55	KB	3111
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			7.875"		K.B.	
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials				
Mud Type	WBM	Density	8.9	Lb/Gal
Disp Fluid	H2O	Density	8.33	Lb/Gal
Spacer type	3m 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	
10/30/13	13.0	10/30/13	2.0	Production
Total	13.0	Total	2.0	No cement to surface. Lost returns for 20 bbls during displacement

Pressures		Average Rates in BPM		Cement Left in Pipe	
MAX	1100	AVG	100	Feet	44
MAX	3	AVG	3	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. 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	Preflush:	BBI	35.00	Type: Sodium Silicate/H2O
	Lost Returns ↑	Load & Bkdn:	Gal - BBI		Pad Bbl - Gal
	Actual TOC	Excess /Return	BBI	0	Calc Dispo Bbl
Average	Frac. Gradient	Calc TOC		200	Actual Dispo
ISP 5 Min	10 Min	Treatment:	Gal - BBI		Dispo Bbl
	15 Min	Cement Slurry:	BBI	165.0	
		Total Volume	BBI	273.00	

CUSTOMER REPRESENTATIVE _____


 SIGNATURE

Thank You For Using
 O - TEX Pumping