

JOB SUMMARY			PROJECT AGENCY TN # 1069	TICKET DATE 8/19/2014
COUNTY Stanton	COMPANY Linn Energy		CUSTOMER REF # 0	
LEASE NAME Shore	Well No. B4 ATU 134	JOB TYPE Surface	EMPLOYEE NAME BEAU CLEM	

EMP NAME BEAU CLEM					
MARIO ABREGO					
ADAM MORRIS					
ERNEST BROWN					

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out 8/19/14	On Location 08/19/14	Job Started 08/19/14	Job Completed 08/19/14
Time	11:45AM	6:00PM	8:18PM	9:26PM

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		Well Data			From	To	Max. Allow
			Weight	Size	Grade			
Casing		New	24	8.625	J40	0	730	2000
Liner								
Liner								
Tubing								
Drill Pipe								
Open Hole								Shots/Ft.
Perforations								
Perforations								
Perforations								

Materials			
Mud Type	0	Density	0
Disp. Fluid	H2O	Density	8.33
Spacer type	H20 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	
08/19/14	5.0	08/19/14	1.5	Surface
Total	5.0	Total	1.5	

Perpac Balls _____ Qty _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX	1070
AVG	60
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	450	Premium Plus Class C	2% Calcium Chloride, 0.25 Gals Cellulose	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns _____	Actual TOC _____	Frac. Gradient _____
Average	5 Min	10 Min	15 Min		
Preflush:	BBI	10.00	Type: H2O		
Load & Bkdn:	Gal - BBI		Pad: Bbl - Gal		
Excess / Return:	BBI	43	Calc: Disa Bbl		
Calc: TOC			Actual Disa Bbl		44.00
Treatment:	Gal - BBI		0.50 Bbl		
Cement Slurry:	BBI	106.0			
Total Volume:	BBI	160.00			

CUSTOMER REPRESENTATIVE Willie Huggins SIGNATURE

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JOB SUMMARY

PROJECT NUMBER TN # 1094		TICKET DATE 8/21/2014	
COUNTY Stanton		COMPANY Linn Energy	
LEASE NAME Shore		CUSTOMER REP 0	
WELL NO. B4 ATU 134		JOB TYPE Production	
EMPLOYEE NAME BEAU CLEM			

BEAU CLEM					
JOE ARELLANO					
RICKY 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
	8/20/14	08/21/14	08/21/14	08/21/14
Time	8:13PM	7:00AM	8:26AM	10:44AM

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

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	240	0	3070	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials			
Mud Type	0	Density	0 Lb/Gal
Disp. Fluid	H2O	Density	8.33 Lb/Gal
Spacer type	SILICATE BBL.		30
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	
Perpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
08/21/14	4.0	08/21/14	2.0	Production
Total	4.0	Total	2.0	

Pressures			
MAX	1120	AVG	100
Average Rates in BPM			
MAX	3.5	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	425	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 2% C-43, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 lb/sk Celloflake	13.29	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	30.00
	MAXIMUM _____	Load & Bkdn: Gal - BBI	_____
	Lost Returns: _____	Excess /Return BBI	75
	Actual TOC _____	Calc. TOC: _____	SURFACE
Average SWP	Frac. Gradient	Treatment: Gal - BBI	Actual Disp. _____
5 Min	10 Min	Cement Slurry BBI	170.00
		Total Volume BBI	370.00
			Disp BBI _____

CUSTOMER REPRESENTATIVE *Wally Higgins*

SIGNATURE _____

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