

JOB SUMMARY			PROJECT NUMBER TN # 999	TICKET DATE 7/24/2014
COUNTY Stanton	COMPANY Linn Energy	CUSTOMER REP Orlando		
LEASE NAME Brattin	Well No. 6 ATU 271	Job Type Surface	EMPLOYEE NAME Steve Crocker	

Steve Crocker				
Tony Lewis				
Daniel Muniz				
Chris Layton				

Form Name Chase Control Grows Type: _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		07/24/14	07/24/14	07/24/14
Time		1900	2300	15

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		24	8.625	JH	0	730	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft
Perforations							
Perforations							

Materials			
	Qty	Density	Lb/Gal
Mud Type	0		
Disp. Fluid	H2O	Density 8.33	Lb/Gal
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	
07/24/14	5.0	07/24/14	1.3	Surface
				Pump 18bbbls Spacer
				Pump 189bbbls Lead CMT at 14.8ppg
				Pump 44bbbls Displacement
				CMT to Surface: 50bbbls 297sks
Total	5.0	Total	1.3	

Perfpac Balls _____ Qty _____
Other _____
Other _____
Other _____
Other _____

MAX	1000	AVG	100	Pressures
MAX	3.5	AVG	3	Average Rates in BPM
Feet	44	Reason		Cement Left in Pipe
				Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	455	Premium Class C	2% Calcium Chloride and .25 Bsk Cellulose	6.34	1.35	14.8
2						
3						
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00
	MAXIMUM _____	Load & Bkdn: Gal - BBI	50
	Lost Returns: _____	Excess /Return BBI	0
	Actual TOC _____	Calc. TOC _____	0
Average	Frac. Gradient _____	Treatment: Gal - BBI	109.0
5 Min	10 Min	Cement Slurry BBI	183.00
	15 Min	Total Volume BBI	

CUSTOMER REPRESENTATIVE Walter Hogg SIGNATURE

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O - TEX Pumping

JOB SUMMARY

PROJECT NUMBER TN # 1003		TICKET DATE 7/25/2014
COURTY Stanton	COMPANY Linn Energy	CUSTOMER REP 0
LEASE NAME Brattin	Well No 6 ATU 271	JOB TYPE Production
EMP NAME BEAU CLEM		

BEAU CLEM				
MARIO ABREGO				
ANGEL GARCIA				

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date	7/24/14	07/25/14	07/25/14	07/25/14
Time	8:41PM	9:00AM	12:33PM	2:25PM

Tools and Accessories

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	J44	0	3050	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	LOW STO 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	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
07/25/14	6.5	07/25/14	2.0	Production
Total	6.5	Total	2.0	

Pressures

MAX	1190	AVG.	220
Average Rates in BPM			
MAX	3	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq	Yield	Lbs/Gal
1	425	O-Tex LowDense Cement	2% Gypsum, 2% Calcium Chloride, 2% C-45, 0.4% C-13, 0.4% C-41P, 0.2% C-51, 0.25 lbs/sk Catalyst	13.29	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary

Preflush	_____	Type:	_____	Preflush:	BBI	30.00	Type:	FLOW STOP
Breakdown	_____	MAXIMUM	_____	Load & Bkdn:	Gal - BBI	_____	Pad Bbl - Gal	_____
	_____	Lost Returns	0	Excess /Return	BBI	57	Calc Disp Bbl	_____
	_____	Actual TOC	_____	Calc. TOC.	_____	_____	Actual Disp	72.00
Average	5 Min.	Frac. Gradient	10 Min.	Treatment:	Gal - BBI	_____	Disp Bbl	_____
	_____		15 Min.	Cement Slurry	BBI	170.0		
				Total Volume	BBI	272.00		

CUSTOMER REPRESENTATIVE Walter Higgins SIGNATURE

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