

# JOB SUMMARY

COUNTY <b>Stanton</b>	COMPANY <b>Linn Energy</b>	PROJECT NUMBER <b>TN # 1379</b>	FIELD DATE <b>12/5/2014</b>
LEASE NAME <b>Collingwood</b>	Well No. <b>C5 ATU 386</b>	CUSTOMER REP <b>0</b>	EMPLOYEE NAME <b>Steve Crocker</b>
EMP NAME <b>Steve Crocker</b>			

Tony Lewis Chad Norris Adam Morris			
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Form Name \_\_\_\_\_ Type: \_\_\_\_\_

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		12/04/14	12/04/14	12/05/14
Time	1900	2300	30	

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	24	8.625	J-55	0	771	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials			
	Qty	Density	Lb/Gal
Mud Type	0	0	
Disp. Fluid	H2O	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	
12/04/14	5.5	12/04/14	1.5	Surface
				Pump spacer H2O 10bbls
				Pump load cmt at 14.8ppg
				118bbls
				drop plug
				displace 48bbls H2O
				cmt to surface : 60bbls/255sks
Total	5.5	Total	1.5	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX	AVG
850	200
Average Rates in BPM	
MAX	AVG
3.5	3
Cement Left in Pipe	
Feet 44	Reason _____ Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq	Yield	Lbs/Gal
1	480	Premium Plus Class C	7% Calcium Chloride, 0.25 lb/sk Colloids	6.34	1.32	14.8
2	0			0	0	0
3	0			0	0	0
4	0			0	0	0

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00
Average	MAXIMUM _____	Load & Bkdn: Gal - BBI	60
	Lost Returns / Actual TOC _____	Excess / Return BBI _____	0
	Frac. Gradient _____	Calc TOC _____	0
	10 Min _____ 15 Min _____	Treatment: Gal - BBI _____	115.0
		Cement Slurry BBI _____	171.00
		Total Volume BBI _____	171.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_

  
 SIGNATURE

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<b>JOB SUMMARY</b>			PROJECT NUMBER <b>TN # 1382</b>	TICKET DATE <b>12/6/2014</b>
COUNTRY <b>Stanton</b>	COMPANY <b>Linn Energy</b>		CUSTOMER REP <b>0</b>	
LEASE NAME <b>Collingwood</b>	Well No <b>C5 ATU 386</b>	JOB TYPE <b>Production</b>	EMPLOYEE NAME <b>Steve Crocker</b>	

EMP NAME <b>Steve Crocker</b>				
<b>Chris Lewis</b>				
<b>Santiago Calzad</b>				
<b>Joseph Martinez</b>				

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

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		12/06/14	12/06/14	12/06/14
Time		700	1225	1500

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
Casing	New	15.5	5.5	40	0	3069	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	0	Lb/Gal
Disp. Fluid	H2O	Density	8.33
Spacer type	dium Silic	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	
12/06/14	8.0	12/06/14	2.5	Production
				Pump 10bbls H2O
				Pump 10bbls sodium silicate
				Pump 10bbls H2O
				Pump 170bbls lead cmt at 11.5ppm
				displace 72bbls H2O
				CMT to surface 80bbls/2000sks
Total	8.0	Total	2.5	

MAX	1100	AVG	300	Pressures
MAX	3.5	AVG	3	Average Rates in BPM
Feel	44	Reason		Shoe Joint

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	425	O-Tex LowDense Cement	2% Oyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-61, 0.25 lb/pt Cellulose	13.25	225	11.5
2	0			0	0	0
3	0			0	0	0
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	30.00
	MAXIMUM _____	Load & Bkdn: Gal - BBI	
	Lost Returns: _____	Excess /Return BBI	50
	Actual TOC _____	Calc. TOC	0
Average rate: 5 Min	Frac. Gradient _____	Treatment: Gal - BBI	
	10 Min _____	Cement Slurry BBI	170.0
	15 Min _____	Total Volume BBI	272.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_

SIGNATURE

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