

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 770</b>	TICKET DATE <b>5/20/2014</b>
COUNTY <b>Grant</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>0</b>	
LEASE NAME <b>Sullivan</b>	Well No <b>A4 ATU 58</b>	JOB TYPE <b>Production</b>	EMPLOYEE NAME <b>Steve Crocker</b>

EMP NAME	<b>Steve Crocker</b>				
	<b>Miguel Murgado</b>				
	<b>Miguel Garcia</b>				

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

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

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

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

	Called Out	On Location	Job Started	Job Completed
Date	<b>5-19-14</b>	<b>05/20/14</b>	<b>05/20/14</b>	<b>05/20/14</b>
Time	<b>1700</b>	<b>2300</b>	<b>510</b>	<b>642</b>

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	44	0	3110	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
		Density	Lb/Gal
Mud Type	0	0	
Disp. Fluid	H2O	8.33	
Spacer type	dium Silic. BBL	20	
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	
05/20/14	8.0	05/20/14	1.5	Production
				Lead Cement 11.5ppg, 174bbls 435sks
				Cement to Surface 42bbls/ 105
Total	8.0	Total	1.5	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		
MAX	1300	AVG 500
Average Rates in BPM		
MAX	4	AVG 3.3
Cement Left in Pipe		
Feet	44	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	435	O-TEX LowDense Cemen	2% Gypsum, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-11P, 0.2% C-31, 0.25 lb/sk Cellulose	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	20.00
Breakdown	_____	MAXIMUM _____	Load & Bkdn:	Gal - BBI	_____
	_____	Lost Returns _____	Excess Return:	BBI	42
	_____	Actual TO _____	Calc TOC:	_____	0
Average	_____	Frac. Gradient _____	Treatment:	Gal - BBI	_____
5 Min	_____	10 Min _____	Cement Slurry:	BBI	174.0
		15 Min _____	Total Volume:	BBI	194.00

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

SIGNATURE \_\_\_\_\_

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O - TEX Pumping

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 767</b>	TICKET DATE <b>5/18/2014</b>
COUNTY <b>Grant</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Orlando</b>	
LEASE NAME <b>Sullivan</b>	Well No <b>A4 ATU 59</b>	EMPLOYEE NAME <b>Bryon Hackett</b>	
JOB TYPE <b>Surface</b>			

EMP NAME <b>Bryon Hackett</b>					
<b>Miguel Murgado</b>					
<b>Miguel Garcia</b>					

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

Date	Called Out <b>05/18/14</b>	On Location <b>05/18/14</b>	Job Started <b>05/18/14</b>	Job Completed <b>05/18/14</b>
Time	<b>1200</b>	<b>1730</b>	<b>2002</b>	<b>2103</b>

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	9.626	KB	727	1600
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	Qty	Density	Lb/Gal
Mud Type	0	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	
05/18/14	4.0	05/18/14	1.0	Surface
Total	4.0	Total	1.0	

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

Pressures	
MAX	AVG
830	
Average Rates in BPM	
MAX	AVG
3	3
Cement Left in Pipe	
Feet: 44	Reason: Shoe Track

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	455	Premium Plus Class C	2% Calcium Chloride, 0.25 lbs/sk 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: _____	Preflush: BBI	10.00
	MAXIMUM	Load & Bkdn: Gal - BBI	34
	Lost Returns: 0	Excess Return: BBI	0
	Actual TOC: _____	Cak. TOC: _____	44.00
Average	Frac. Gradient	Treatment: Gal - BBI	107.0
5 Min	10 Min	15 Min	
		Cement Slurry: BBI	161.00
		Total Volume: BBI	

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

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