

JOB SUMMARY

COUNTY
Hamilton

WELL NAME

Finnup

Well No.
4 ATU 402

COMPANY
Linn Energy

JOB TYPE
Surface

PROJECT NUMBER
TN # 1447

CUSTOMER REP
0

EMPLOYEE NAME
Steve Crocker

TICKET DATE

1/7/2015

EMP NAME
Steve Crocker

Tony Lewis

Chris Lelan

Joseph Martinez

Form Name

Type:

Packer Type

Set At

Bottom Hole Temp.

Pressure

Retainer Depth

Total Depth

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

Mud Type	Density	Lb/Gal
Disp. Fluid	8.33	Lb/Gal
Spacer type	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

Perfpac Balls Qty.
Other
Other
Other
Other

Date	Called Out	On Location	Job Started	Job Completed
		01/06/15	01/06/15	01/07/15
Time		1900	2315	100

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24	8.625	0	725	1500
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						
Perforations						Shots/Ft.
Perforations						

Hours On Location	Operating Hours	Description of Job
Date	Date	
01/06/15	01/06/15	Surface
6.0	1.8	Pump 10 bbls H2O
		Pump 100bbls lead cmt
		at 14.8ppg
		drop plug
		displace w/ 44bbls H2O
		cmt to surface 30bbls/130sks
Total	Total	
6.0	1.8	

MAX	150B	AVG	150
MAX	3.5	AVG	3
Feet	44	Reason	Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/sk Cellulose	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0

Preflush Breakdown	Type:	Summary	Preflush:	BBI	10.00	Type:	H2O
	MAXIMUM		Load & Bkdn:	Gal - BBI		Pad: Bbl - Gal	
	Lost Returns:	0	Excess / Return:	BBI	30	Calc Diso Bbl	
	Actual TOC		Calc. TOC:		0	Actual Diso	44.00
Average	5 Min	Frac. Gradient	Treatment:	Gal - BBI		Diso Bbl	
	10 Min	15 Min	Cement Slurry:	BBI	106.0		
			Total Volume:	BBI	160.00		

CUSTOMER REPRESENTATIVE

Walter Hagg

SIGNATURE

Thank You For Using
O - TEX Pumping

JOB SUMMARY				PROJECT NUMBER TN # 1449		TICKET DATE 1/8/2015	
COUNTRY Hamilton		COMPANY Linn Energy		CUSTOMER REP Weldon Higgins			
LEAD NAME Finnup		Well No. 84 ATU-462		JOB TYPE Production		SERVICE NAME MARIO ABREGO	
EMP NAME MARIO ABREGO							
SHAWN COTTON							
ADAM MORRIS							
Form. Name _____ Type: _____							
Packer Type _____		Set At _____					
Bottom Hole Temp. _____		Pressure _____					
Retainer Depth _____		Total Depth _____					
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					
Liner clamp	0	IR					
Weld-A	0	IR					
Texas Pattern Guide Shoe	0	IR					
Cement Bucket	0	IR					
Materials							
Mud Type	0	Density	0	Lb/Gal			
Disp. Fluid	H2O	Density	8.33	Lb/Gal			
Spacer type	W 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				
Perfapac Balls		Qty.					
Other							
Other							
Other							
Other							
Other							
Well Data							
Date	Called Out	On Location	Job Started	Job Completed			
Time	1:00am	10:00am	11:43AM	1:51PM			
Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Liner	New	15.5	5.5	J-55	0	3668	2008
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							
Hours On Location		Operating Hours		Description of Job			
Date	Hours	Date	Hours	Production			
01/08/15	4.0	01/08/15	2.0				
Total	4.0	Total	2.0				
Pressures							
MAX	1125	AVG	250				
Average Rates in BPM							
MAX	4	AVG	3				
Cement Left in Pipe							
Feet	43'	Reason		Shoe Joint			
Cement Data							
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal	
1	425	O-Tex Low/Dense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 80# Cellulose	13.29	2.25	11.5	
2	0			0	0	0	
3							
4							
Summary							
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	30.00	Type: SODIUM SILICATE/H2O			
	Lost Returns ?	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal			
	Actual TOC	Excess /Return BBI	43	Calc Disp Bbl			
Average	Frac. Gradient	Calc. TOC	SURFACE	Actual Disp	72.00		
5 Min	10 Min	Treatment: Gal - BBI		Diso Bbl			
	15 Min	Cement Slurry BBI	170.0				
		Total Volume BBI	272.00				
CUSTOMER REPRESENTATIVE <i>Weldon Higgins</i>							