

JOB SUMMARY

COUNTY Stanton		COMPANY Linn Energy		PROJECT NUMBER TN # 494	TICKET DATE 2/11/2014
LEASE NAME Winger		Well No. 5 ATU 250	JOB TYPE Production	CUSTOMER REP Weldon Higgins	
EMP NAME Bryon Hackett		EMPLOYEE NAME Bryon Hackett			

Bryon Hackett			
Steve Crocker			
Chris Layton			
Tony Lewis			

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	02/10/14	02/11/14	02/11/14	02/11/14
Time	2130	1230	1500	1641

Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	26	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	IR
Guide Shoe	1	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing	New	15.5	6.5	J-55	KB	3108
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	Density	Qty	Lb/Gal
Mud Type	0	0	
Disp. Fluid	H2O	Density 8.33	Lb/Gal
Spacer type	SodSilH2O	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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
02/11/14	5.0	02/11/14	1.5	Production
Total	5.0	Total	1.5	

Pressures			
MAX	1500	AVG	200
Average Rates in BPM			
MAX	3.5	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Track

Cement Data			
Stage	Sacks	Cement	Additives
1	430	O-TEX LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 #/sk Caloflake
2	0	0	0
3			
4			

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	20.00
	MAXIMUM	Load & Bkdn: Gal - BBI	40
	Lost Returns-N	Excess /Return BBI	0
	Actual TOC	Calc TOC	0
Average	Frac. Gradient	Treatment: Gal - BBI	172.0
ISIP	5 Min	Cement Slurry: BBI	172.0
	10 Min	Total Volume BBI	265.00
	15 Min		

CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

Thank You For Using
O - TEX Pumping

JOB SUMMARY

JOB SUMMARY		PROJECT NUMBER TN # 493	TICKET DATE 2/10/2014
COUNTY Stanton	COMPANY Linn Energy	CUSTOMER REP Orlando	
LEASE NAME Winger	Well No. 5 ATU 250	JOB TYPE Surface	EMPLOYEE NAME Jesus Jimenez

EMP NAME Jesus Jimenez					
Beau Clem					
Eric Poole					
Tommy Lewis					

Form. Name Chase-Council Grove Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out 2-9-14	On Location 02/09/14	Job Started 02/10/14	Job Completed 02/10/14
Time	12:00	22:00	00:05	01:30

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	24	8.625	J44	0	770	2000
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	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	
02/09/14	4.0	02/10/14	2.0	Surface
Total	4.0	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures

MAX	900	AVG.	100
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	480	Premium Class C	2% Calcium Chloride and .25 #/sk CaBoflate	6.34	1.35	14.8
2						
3						
4						

Summary

Preflush Breakdown	Type: _____	Preflush: BBI	10.00	Type: H2O
	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
	Lost Returns: NO	Excess /Return BBI	20	Calc Disp Bbl
	Actual TOC	Calc. TOC	Surface	Actual Disp
Average	Frac. Gradient	Treatment: Gal - BBI		Disp Bbl
ISIP 5 Min	10 Min	Cement Slurry BBI	115.0	
	15 Min	Total Volume BBI	171.00	

CUSTOMER REPRESENTATIVE Walter Higgins SIGNATURE

**Thank You For Using
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