

JOB SUMMARY

COUNTY Stanton	PROJECT NUMBER TN # 240	TICKET DATE 9/10/2013
LEASE NAME Horner	COMPANY Linn Energy	CUSTOMER REP Wheldon Higgins
Well No. 4 ATU 158	JOB TYPE Surface	EMPLOYEE NAME Jessie McClain

EMP NAME	Jessie McClain				
	Jason Jones				
	Rory Morris				
	Migel Garcia				

Form Name Chase-Council Grove Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	09/11/13	09/12/13	09/12/13	09/12/13
Time	1200	1700	2230	2400

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
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24#	8.625"	J40	KB	815	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WAM	Density	8.8 Lb/Gal
Disp. Fluid	H2O	Density	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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
09/12/13	7.5	09/12/13	1.5	Surface
				Final Pump psi: 350 psi
				56 bbls cmt to surface
				309 ft / 234 sks
Total	7.5	Total	1.5	

Perfpac Balls _____ Qty _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 950	AVG 50
Average Rates in BPM	
MAX 4	AVG 3
Cement Left in Pipe	
Feet 44	Reason _____ Shoe Joint

Cement Data				W/Rg.	Yield	Lbs/Gal
Stage 1	Sacks 515	Cement Class C	Additives 2% C.C. + 0.25#/3K. Cellulose	6.30	1.32	14.8
2						
3						
4						

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	10.00
	Lost Returns: 0	Load & Bkdn: Gal - BBI	
	Actual TOC: Surface	Excess /Return: BBI	58
Average	Frac. Gradient: 10 Min	Calc TOC: Surface	49
		Treatment: Gal - BBI	49.00
		Cement Slurry: BBI	121.0
		Total Volume: BBI	180.00

CUSTOMER REPRESENTATIVE Wheldon Higgins SIGNATURE

Thank You For Using
O - TEX Pumping

JOB SUMMARY

PROJECT NUMBER TN # 243	TICKET DATE 9/11/2013
CUSTOMER REP Weldon Higgins	
EMPLOYEE NAME Jessie McClain	

COUNTY Stanton	COMPANY Linn Energy	LEASE NAME Homer
Well No. 4 ATU 158	JOB TYPE Production	
EMP NAME		

Jessie McClain			
Jason Jones			
Beau Clem			

Form Name Council - Grove Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	08/12/13	09/13/13	09/13/13	09/13/13
Time	2100	800	1030	1230

Tools and Accessories		
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	0	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing	New	15.5	5.5	J-40	KB	3155'
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			7.875"		K.B.	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Disp. Fluid	H2O	8.33	Lb/Gal
Spacer type	silicate BBL	35	
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	
09/13/13	5.5	09/13/13	2.0	Production
				Final pump psi: 600 psi
				50 bbls cmt to pit
				281 ft3 / 77 sks
Total	5.5	Total	2.0	

Perpac Balls _____ Qty _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX	1150
AVG	30
Average Rates in BPM	
MAX	4
AVG	3
Cement Left in Pipe	
Feet	44
Reason	Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	206	Class C	0.2% C-41P, + 5% GVP, + 0.25%/SK Celloflake	23.49	3.65	10.8
2	95	Class C	2% GEL + 0.2% C-16A, + 2% C.C.	10.4	1.90	13.0
3			DO NOT PUMP OVER 4 B.P.M. WATCH FOR CIRC. WHILE PUMPING JOB. 2 B.P.M. MIN. IF NO CIRC.			
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	35.00
	MAXIMUM _____	Load & Bkdn: Gal - BBI	
	Lost Returns: _____	Excess /Return BBI	50
	Actual TOC _____	Calc. TOC	Surface
Average	Frac. Gradient _____	Treatment: Gal - BBI	
	5 Min _____ 10 Min _____ 15 Min _____	Cement Slurry: BBI	165.0
		Total Volume: BBI	274.00

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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