

JOB SUMMARY

COUNTRY Grant	PROJECT NUMBER TN # 261	TICKET DATE 9/24/2013
EASE NAME Wilks	COMPANY Linn Energy	CUSTOMER REP Orlando Lozano
Well No. 4 ATU33	JOB TYPE Production	EMPLOYEE NAME Jessie McClain

EMP NAME Jessie McClain	Lamont Patterson	Steve Crocker	
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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
	09/24/13	09/26/13	09/26/13	09/26/13
Time	2330	400	1030	1300

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	Max. Allow
Casing	New	15.6	5.5	JM	KB	3110	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7.875"		K.B.		Shots/Ft.
Perforations							
Perforations							

Materials				
Mud Type	WBM	Density	8.9	Lb/Gal
Disp. Fluid	H2O	Density	8.33	Lb/Gal
Spacer type	m 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		
Perpac Balls	Qty.			
Other				
Other				
Other				
Other				

Hours On Location				Operating Hours				Description of Job
Date	Hours	Date	Hours	Date	Hours	Date	Hours	
09/25/13	10.0	09/25/13	2.5					Production
								Final pump psi: 320 psi
								0 bbls returned to pit
Total		10.0	Total		2.5			

Pressures			
MAX	950 psi	AVG	50
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	205	Class C	0.2% C-41P, + 5% GYP, + 0.25#/SK. Cellotak®	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: MAXIMUM	Preflush:	Bbl	35.00	Type: Sodium silicate / H2O		
	Lost Returns: 0	Load & Bkdn:	Gal - Bbl		Pad Bbl - Gal		
	Actual TOC	Excess /Return Bbl		40	Calc Disp Bbl	73	
Average	Frac. Gradient	Calc TOC:		0	Actual Disp	72.90	
15IP 5 Min	10 Min	Treatment:	Gal - Bbl		Disp Bbl		
	15 Min	Cement Slurry:	Bbl	165.0			
		Total Volume	Bbl	272.90			

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

Thank You For Using
O - TEX Pumping