

# JOB SUMMARY

PROJECT NUMBER <b>TN # 150</b>	TICKET DATE <b>6/27/2013</b>
CUSTOMER REP <b>Weldon Higgins</b>	
EMPLOYEE NAME	

COUNTY <b>Grant</b>	COMPANY <b>Linn Energy</b>	JOB TYPE <b>Surface</b>
LEASE NAME <b>Rider</b>	Well No. <b>B4-ATU-21</b>	

EMP NAME			
Chris Fry			
Mario Abrego			
Devon Londagin			

Form. Name Council - Grava Type: \_\_\_\_\_

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

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

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

	Called Out	On Location	Job Started	Job Completed
Date	6/27/13	06/27/13	06/27/13	06/27/13
Time	15:00	1730	2105	2206

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

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing	New	24#	8.625"	JK	0	729
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Mud Type		8.9	
Disp. Fluid	H2O	8.33	
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	
06/27/13	6.0	06/27/13	1.0	Surface
				Cement to surface: 14 bbls
				Top of Cement: 0'
Total	6.0	Total	1.0	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
200	
Average Rates in BPM	
4	
44	Shoe Track

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives	6.30	1.32	14.8
1	450	Class C	2% C.C. + 0.25#/SK. Cellulose			
2						
3						
4						

Summary			
Preflush	_____ Type: _____	Preflush	BBI _____ 10.00 Type H2O
	MAXIMUM _____	Load & Bkdn:	Gal - BBI _____ 14 Pad Bbl - Gal _____
	_____		_____ 0 _____ 44.00
	_____		_____ 0 _____
Average	_____ Frac Gradient _____	Treatment.	Gal - BBI _____
		Cement Slurry:	BBI _____ 105.0
		Total Volume	BBI _____ 160.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_ *W. Higgins* SIGNATURE

Thank You For Using  
O - TEX Pumping

# JOB SUMMARY

PROJECT NUMBER <b>TN # 155</b>	TICKET DATE <b>6/29/2013</b>
CUSTOMER REP <b>Orlando Lozano</b>	
EMPLOYEE NAME <b>0</b>	

COUNTY <b>Stanton</b>	COMPANY <b>Linn Energy</b>	LEASE NAME <b>Rider</b>
Well No. <b>B-4 ATU 21</b>	JOB TYPE <b>Production</b>	

EMP NAME	Date	Time	Job Started	Job Completed
Bryon Hackett				
Chris Fry				
Mario Abrego				

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
	6/28/13	06/29/13	06/29/13	06/29/13
Time	14:20	600	1107	1226

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
Weid-A	2	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	6.5	---	0	3110	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	H2O	8.33	Lb/Gal
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	
06/29/13	8.5	06/29/13	1.5	Production
				Lost returns @ 42 bbl displacement.
				Cement Return to surface 0
				Top of cement 600'
				Top of Tail 2000'
				Lost returns: 31 bbls
Total	8.5	Total	1.5	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures			
MAX	AVG	MAX	AVG
Average Rates in BPM			
MAX	4	AVG	3.5
Cement Left in Pipe			
Feet	44	Reason	Shoe Track

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	205	Class C	0.2% C-41P, + 5% GYP, + 0.25%/SK. Cellulose	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	10.00
	MAXIMUM	Load & Bkdn: Gal - BBI	6
		Water: BBI	600
Average	Frac. Gradient	Treatment: Gal - BBI	165.0
5 min	10 min	Cement Slurry: BBI	248.00
	15 min	Total Volume	BBI

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

SIGNATURE

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