

JOB SUMMARY			PROJECT NUMBER TN # 959	TICKET DATE 7/11/2014
COUNTY Grant	COMPANY Linn Energy	CUSTOMER REP 0		
LEASE NAME W.M. Ackerman	Well No. 4 ATU 270	JOB TYPE Surface	EMPLOYEE NAME Chris Lewis	
EMP NAME				

Chris Lewis				
Tony Lewis				
Santia Calixto				
Miguel Garcia-Hernandez				

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		07/11/14		
Time	2000			

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
Casing	New	24	8.625	J40	KB	728
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	Density		Lb/Gal
Mud Type	0		
Disp. Fluid	H2O	Density 8.33	Lb/Gal
Spacer type	H2O	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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
07/11/14				Surface
Total	0.0	Total	0.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

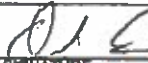
Other _____

Pressures	
MAX	1500
AVG	
Average Rates in BPM	
MAX	AVG
Cement Left in Pipe	
Feet	44
Reason	Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lba/Gal
1	455	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/sk Celconata	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	20.00
	Lost Returns: 0	Load & Bkdn: Gal - BBI	
	Actual TOC	Excess /Return BBI	10
Average	Frac. Gradient	Calc. TOC	
5 Min	10 Min	Treatment: Gal - BBI	
	15 Min	Cement Slurry	BBI
		Total Volume	BBI
			170.40

CUSTOMER REPRESENTATIVE _____

SIGNATURE: 

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JOB SUMMARY

COUNTY Grant	PRODUCT NUMBER TN # 965	TICKET DATE 7/13/2014
COMPANY Linn Energy	CUSTOMER REP 0	
LEASE NAME WM Ackerman	Well No. 4 ATU 270	JOB TYPE Production
EMPLOYEE NAME JESUS JIMENEZ		

EMP NAME JESUS JIMENEZ			
LAMONT PATTERSON			
TYLER LEE			

Form Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	7-12-14	07/12/14	07/12/14	07/13/14
Time	2:00AM	9:00AM	11:00PM	1:00AM

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		15.5	5.5	A43	0	3110	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials			
	Density	Qty	Lb/Gal
Mud Type	0	0	
Disp. Fluid	H2O	Density 8.33	Lb/Gal
Spacer type	SODIUM 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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
07/12/14	15.0	07/12/14	2.0	Production
Total	15.0	Total	2.0	

Peripac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

MAX	1150	AVG	100
Average Rates in BPM			
MAX	3	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	435	O-TEX Low Density Cement	2% Gypsum, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-19P, 0.2% C-61, 0.25 lbs/sk Cellulose	13.29	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Preflush Breakdown Average _____ 5 Min	Type: _____ MAXIMUM Lost Returns: _____ NO Actual TOC _____ Frac. Gradient _____ 10 Min _____ 15 Min	Summary Preflush: BBI _____ 30.00 Load & Bkdn: Gal - BBI _____ Excess /Return BBI _____ 85 Calc. TOC _____ SURFACE Treatment: Gal - BBI _____ Cement Slurry BBI _____ 174.0 Total Volume BBI _____ 277.00	Type: SODIUM SILICATE Pad: Bbl - Gal _____ Calc Disp Bbl _____ Actual Disp. _____ 73.00 Disp Bbl _____
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CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

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