

JOB SUMMARY

PROJECT NUMBER TN # 1529	TICKET DATE 2/27/2015
CUSTOMER REP 0	
EMPLOYEE NAME DAVID SIGALA	

COUNTY Grant	COMPANY Linn Energy	WELL No. #4 ATU 144
LEASE NAME Barnes	JOB TYPE Surface	
BMP NAME		

DAVID SIGALA			
SHAWN COTTON			
RICK POLK			

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		02/26/15	02/27/15	02/27/15
Time		1100PM	100AM	300AM

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		From	To	Max. Allow
New/Used	Weight	Size	Grade	
Casing	New	24	8.625 J-55	KB 729 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.	Qty	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	
02/26/15	4.0	02/27/15	2.0	Surface
				JOB COMPLETE SAFE
				GOOD RETURNS
				40 BBLs CMT BACK
				FLOATS HELD
Total	4.0	Total	2.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 800	AVG 100
Average Rates in BPM	
MAX 3	AVG 3
Cement Left in Pipe	
Feet 44	Reason Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/sk Celloflake	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: _____	Preflush: BBI	10.00 Type: H20
	MAXIMUM _____	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
	Lost Returns: 0	Excess /Return BBI	40 Calc Disp Bbl
	Actual TOC _____	Calc. TOC: SURFACE	Actual Disp 44.00
Average (SP) 5 Min	Frac. Gradient 10 Min	Treatment: Gal - BBI	Disp Bbl
	15 Min	Cement Slurry BBI	106.0
		Total Volume BBI	160.00

CUSTOMER REPRESENTATIVE _____

David Sigala
SIGNATURE

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JOB SUMMARY		PROJECT NUMBER TN # 1531	TICKET DATE 2/28/2015
COUNTY Grant	COMPANY Linn Energy		CUSTOMER REP 0
LEASE NAME Barnes	Well No. #4 ATU #144	JOB TYPE Production	EMPLOYEE NAME MARIO ABREGO
EMP NAME			

MARIO ABREGO					
TONY LEWIS					
CHRIS LAYTON					

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	2/28/2015	02/28/15	02/28/15	02/28/15
Time	2:00AM	8:00AM	12:57PM	2:23PM

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	15.5	5.5	J45	0	2850	2000
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	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	
02/28/15	4.0	02/28/15	2.0	Production
Total	4.0	Total	2.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 1100	AVG. 100
Average Rates in BPM	
MAX 3.5	AVG. 3.5
Cement Left in Pipe	
Feet 44	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	395	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.2% X-Air, 0.2% C-51, 0.25 lb/sk Celloflake	13.29	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI 10.00	Type: H20
	Lost Returns 0	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal
	Actual TOC	Excess /Return BBI	Calc Disp Bbl
Average	Frac. Gradient	Calc. TOC	Actual Disp
5 Min	10 Min	Treatment: Gal - BBI	Disp Bbl
	15 Min	Cement Slurry BBI	
		Total Volume BBI	
			235.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

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