

JOB SUMMARY

COUNTRY 0	COMPANY Linn Energy	PROJECT NUMBER TN # 1383	START DATE 12/7/2014
LEASE NAME Endsley	Well No. #4 ATU 173	JOB TYPE Surface	CUSTOMER REF 0
EMP NAME DAVID SIGALA	EMPLOYEE NAME DAVID SIGALA		

DAVID SIGALA	SHAWN COTTON	WILBERT ARREGUN	TYLER LEE
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Form Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		12/07/14	12/07/14	12/07/14
Time		1900	2000	2200

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

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Liner	New	24	8.625	J45	KB	771	2000
Liner							
Tubing							
Oril Pipe							
Open Hole							
Perforations							Shots/FL
Perforations							
Perforations							

Materials

Mud Type	Disp. Fluid	Spacer type	Acid Type	Acid Type	Surfactant	NE Agent	Fluid Loss	Gelling Agent	Fric. Red.	MISC.
	H2O	BBL								
		BBL								
		Gal.	%	%	Gal.	Gal.	Gal/Lb	Gal/Lb	Gal/Lb	Gal/Lb

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/07/14	4.0	12/07/14	2.0	Surface
				JOB COMPLETE SAFE
				GOOD RETURNS
				FLOATS HELD 1/2 BBL BACK
				30 BBL CMT BACK
Total	4.0	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures

MAX	1000	AVG	300
MAX	3	AVG	3

Average Rates in BPM

MAX 3 AVG 3

Feet 44 Cement Left in Pipe _____

Reason _____ Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	490	Premium Plus Class C	7% Calcium Chloride, 0.25 lb/sk Cellulose	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Preflush Breakdown

Average _____ 5 Min _____ 10 Min _____ 15 Min _____

Summary

Preflush:	BBL	10.00	Type:	H2O
Load & Bkdn:	Gal - BBL		Pad: Bbl - Gal	
Excess / Return:	BBL	30	Calc Disp Bbl	
Calc TOC:		SURFACE	Actual Disp	45.00
Treatment:	Gal - BBL		Dist: Bbl	
Cement Slurry:	BBL	118.0		
Total Volume:	BBL	172.00		

CUSTOMER REPRESENTATIVE _____


 SIGNATURE

Thank You For Using
• TEX Pumping

JOB SUMMARY			PROJECT NUMBER TN # 1387	TICKET DATE 12/9/2014
COUNTRY Stanton	COMPANY Linn Energy		CUSTOMER REP 0	
LEASE NAME Endsley	Well No. 4 ATU 173	ZONE TYPE Production	EMPLOYEE NAME Chris Lewis	

EMP NAME							
Chris Lewis							
Tony Lewis							
Miguel Garcia-Hernandez							

Form Name _____ Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date		12/09/14	12/09/14	12/09/14
Time		1600	2143	2330

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	6.5	KB		3069	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	Qty	Density	Lb/Gal
Mud Type	0		
Disp. Fluid	H2O	Density 8.33	Lb/Gal
Spacer type	3lum Sylic 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	

Perfpac Balls _____ Qty _____
 Other _____
 Other _____
 Other _____
 Other _____

Hours On Location

Date	Hours	Date	Hours	Description of Job
12/09/14	7.5	12/09/14	2.0	Production
Total	7.5	Total	2.0	

Pressures

MAX	2000	AVG	
Average Rates in BPM			
MAX	3	AVG	3
Cement Left in Pipe			
Feel	44	Reason	Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	425	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 Bbl/kt Cellulose	13.25	225	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary

Preflush	_____	Type: _____	Preflush:	BBI	30.00	Type: Sodium Silicate
Breakdown	_____	MAXIMUM _____	Load & Bkdn:	Gal - BBI	_____	Pad Bbl - Gal
	_____	Lost Returns _____	Excess / Return	BBI	25	Calc Disp Bbl
	_____	Actual TOC _____	Calc TOC:	_____	0	Actual Disp
Average	_____	Frac Gradient _____	Treatment:	Gal - BBI	_____	Disp Bbl
ISIP	5 Min	10 Min	Cement Slurry	BBI	170.0	
		15 Min	Total Volume	BBI	272.00	

CUSTOMER REPRESENTATIVE W. H. Hays

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