

JOB SUMMARY		PROJECT NUMBER TN # 1158	TICKET DATE 9/13/2014
COUNTY Stanton	COMPANY Linn Energy	CUSTOMER R/P 0	
LEASE NAME Smith	Well No. C4ATU 164	JOB TYPE Surface	EMPLOYEE NAME MARIO ABREGO

MARIO ABREGO	COLE ATKINS			
SHAWN COTTON				
ADAMS MORRIS				
TYLER MORRIS				

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out 9/12/2014	On Location 09/12/14	Job Started 09/13/14	Job Completed 09/13/14
Time	5:00PM	11:00PM	4:58AM	7:30AM

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24	8.625	J-55	0	770	1700
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Spacers	Density	Lb/Gal
Disp. Fluid	H2O	Density	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	
09/12/14	4.0	09/13/14	1.5	Surface
Total	4.0	Total	1.5	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX	1000
AVG	40
Average Rates in BPM	
MAX	3
AVG	3
Cement Left in Pipe	
Feet	43
Reason	Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	485	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/bt Cellulose	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
	MAXIMUM	Load & Bkdn: Gal - BBI	10
	Lost Returns: _____	Excess / Return BBI	10
Average	Actual TOC _____	Calc TOC: _____	SURFACE
	Frac. Gradient _____	Treatment: Gal - BBI	114.0
	5 Min _____ 10 Min _____ 15 Min _____	Cement Slurry BBI	170.50
		Total Volume BBI	170.50

CUSTOMER REPRESENTATIVE Will Hays SIGNATURE

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TEX Pumping

JOB SUMMARY

COUNTY Morton	PROJECT NUMBER TN # 1143	TICKET DATE 9/14/2014
CLIENT NAME Smith	COMPANY Linn Energy	CUSTOMER REP Weldon Higgins
Well No. C4 ATU 164	JOB TYPE Production	EMPLOYEE NAME 0

DRILLER SHAWN COTTON	DRILLER 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
	9/14/2014	09/14/14	09/14/14	09/14/14
Time	5:30AM	11:00AM	2:40pm	4:38pm

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

	New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing	NEW		15.5	5.5		0	3070'	2000
Liner								
Liner								
Tubing								
Drill Pipe								
Open Hole								
Perforations								Shots/Ft.
Perforations								
Perforations								

Materials			
Mud Type	0	Density	0 Lb/Gal
Disp. Fluid	H2O	Density	8.33 Lb/Gal
Spacer type	HUM SILIC 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	
09/14/14	5.5	09/14/14	2.0	Production
Total	5.5	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX	AVG 100
Average Rates in BPM	
MAX	AVG
Cement Left in Pipe	
Reason	Shoe Joint

Cement Data			Additives			W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement						
1	425	O-Tax LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-61, 0.25 #/sk Cellufibr			13.29	2.25	11.5
2	0	0	0			0	0	0
3								
4								

Preflush Breakdown	Type: _____	MAXIMUM	0	Preflush: BBI	30.00	Type: SODIUM SILICATE
				Load & Bkdn: Gal - BBI	30	Pad: BBI - Gal
Average	Frac. Gradient	15	Treatment: Gal - BBI	72.00		
			Cement Slurry BBI	170.0		
			Total Volume BBI	272.00		

CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

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