

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>TN # 1394</b>	TICKET DATE <b>12/12/2014</b>
COUNTY <b>0</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REF <b>0</b>		
LEASE NAME <b>S.Marshall</b>	Well No. <b>A5 ATU 174</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Steve Crocker</b>	
EMP NAME				

Steve Crocker				
Chris Lewis				
Johnny Blackwood				
Angel Garcia				

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		12/11/14	12/11/14	12/11/14
Time		2000	2325	035

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	XX	0	730	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	0	Lb/Gal
Disp. Fluid	Density		Lb/Gal
Spacer type	BBL	0	
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	
12/11/14	4.5	12/11/14	1.0	Surface
				pump spacer 10bbl
				pump 106bbl lead cmt
				at 14.8ppg
				drop plug
				displace 44bbl H2O
				Cmt to surface 50bbls
				212 aka
Total	4.5	Total	1.0	

Perpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX 1200	AVG 100
Average Rates in BPM	
MAX 3.5	AVG 3
Cement Left in Pipe	
Feet 44	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Plus Class C	2% Calcium Chloride, 0.25 lbs/lb Collofata	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary					
Preflush	_____	Type: _____	Preflush: BBI	10.00	Type: H2O
Breakdown	_____	MAXIMUM _____	Load & Bkdn: Gal - BBI	_____	Pad Bbl -Gal _____
	_____	Lost Returns: _____	Excess /Return BBI	50	Calc. Disp Bbl _____
	_____	Actual TOC _____	Calc. TOC _____	Surface	Actual Disp _____
Average	_____	Frac. Gradient _____	Treatment: Gal - BBI	_____	Disp. Bbl _____
15 P	5 Min	10 Min	Cement Slurry BBI	105.0	
		15 Min	Total Volume BBI	160.00	

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

SIGNATURE \_\_\_\_\_

**Thank You For Using**  
**O - TEX Pumping**

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 1397</b>	START DATE <b>12/13/2014</b>
COUNTY <b>Grant</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>Weldon Higgins</b>	
LEASE NAME <b>S. Marshall</b>	Well No. <b>A5 ATU 174</b>	EMPLOYEE NAME <b>MARIO ABREGO</b>	
JOB TYPE <b>Production</b>			

EMP NAME					
<b>MARIO ABREGO</b>					
<b>SHAWN COTTON</b>					
<b>TYLER LEE</b>					

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

Date	Called Out <b>12/13/2014</b>	On Location <b>12/13/14</b>	Job Started <b>12/13/14</b>	Job Completed <b>12/13/14</b>
Time	<b>5:00AM</b>	<b>10:00AM</b>	<b>4:08PM</b>	<b>6:31PM</b>

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 Date		From	To	Max. Allow
	New/Used	Weight			
Casing	NEW	15.5	5.5	0	3071'
Liner					
Liner					
Tubing					
Drill Pipe					
Open Hole					Shots/Fl.
Perforations					
Perforations					
Perforations					

Materials			
	Density		Lb/Gal
Mud Type	0		
Disp. Fluid	H2O	Density	8.33
Spacer type	NUM 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	
12/13/14	6.0	12/13/14	2.0	Production
Total	6.0	Total	2.0	

Perpac Balls \_\_\_\_\_ Qty \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Pressures	
MAX	1000
AVG	125
Average Rates in BPM	
MAX	3.5
AVG	3
Cement Left in Pipe	
Feet	44
Reason	
Shoe Joint	

Cement Data			
Stage	Sacks	Cement	Additives
1	425	O-Tax LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-1P, 0.2% C-51, 0.25 g/gal Cellulose
2	0	0	0
3			
4			

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	30.00
	Lost Returns / Actual TOC	Load & Bkdn: Gal - BBI	60
Average	Frac. Gradient	Excess / Return BBI	SURFACE
5 Min	10 Min	Treatment: Gal - BBI	72.00
	15 Min	Cement Slurry BBI	170.0
		Total Volume BBI	272.00

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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