

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 1023</b>	TICKET DATE <b>7/31/2014</b>
COUNTY <b>Hamilton</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>0</b>	
LEASE NAME <b>McDonald</b>	Well No <b>C5 ATU 291</b>	EMPLOYEE NAME <b>Chris Lewis</b>	
JOB TYPE <b>Production</b>		SMP NAME	

<b>Chris Lewis</b>					
<b>Tony Lewis</b>					
<b>Johnny Blackwood</b>					

Form Name \_\_\_\_\_ Type \_\_\_\_\_

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		<b>07/31/14</b>	<b>07/31/14</b>	<b>07/31/14</b>
Time		<b>700</b>	<b>1215</b>	<b>1350</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 Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	J40	KB	3068	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials			
	H2O	Density	Lb/Gal
Disp. Fluid		8.33	
Spacer type	dium 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	
07/31/14	7.0	07/31/14	2.0	Production
Total	7.0	Total	2.0	

Pressures			
MAX	AVG	MAX	AVG
2000	500	3	3
Average Rates in BPM			
Cement Left in Pipe			
Feet	Reason	Shoe Joint	

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	425	O-Tex LowDense Cement	2% Gypsum, 2% Calcium Chloride, 2% C-45, 0.6% C-15, 0.4% C-41P, 0.2% C-41, 0.25 lbs/sk Cellotek	13.29	2.25	115
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Preflush Breakdown	Type: <b>MAXIMUM</b>	Summary	Preflush: BBI <b>30.00</b>	Type: <b>sodium silicate</b>
	Lost Returns: <b>0</b>		Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
	Actual TOC		Excess /Return BBI <b>50</b>	Calc Disp Bbl
Average	Frac. Gradient		Calc TOC <b>0</b>	Actual Disp <b>72.00</b>
15MP	10 Min <b>15 Min</b>		Treatment: Gal - BBI	Disp Bbl
			Cement Slurry BBI <b>170.0</b>	
			Total Volume BBI <b>272.00</b>	

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

SIGNATURE \_\_\_\_\_

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

<b>JOB SUMMARY</b>		PROJECT NUMBER <b>TN # 1020</b>	TICKET DATE <b>7/29/2014</b>
COUNTY <b>Hamilton</b>	COMPANY <b>Linn Energy</b>	CUSTOMER REP <b>0</b>	
LEASE NAME <b>McDonnell</b>	Well No <b>CS 970 234</b>	EMPLOYEE NAME <b>Steve Crocker</b>	
CAMP NAME	JOB TYPE <b>Surface</b>		

Steve Crocker					
Shawn Cotton					
Tony Lewis					
Jenny Blackwood					

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

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

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

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

Date	Called Out	On Location	Job Started	Job Completed
		07/29/14	07/29/14	07/29/14
Time		1900	2110	2220

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
Casing	Now/Used	Weight	Size	Grade	
	New	24	8.625	140	1500
Liner					
Liner					
Tubing					
Drill Pipe					
Open Hole					
Perforations					Shots/Ft.
Perforations					
Perforations					

Materials			
Mud Type	Density		Lb/Gal
Disp. Fluid	H2O	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	
07/29/14	3.5	07/29/14	1.0	Surface
				PUMP SPACER 108BBL
				PUMP LEAD CMT AT 14.8
				1078BBL
				DISPLACEMENT 448BBL
				CMT TO SURFACE
				558BBL / 230SKS
Total	3.5	Total	1.0	

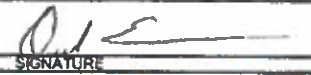
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Pressures	
MAX 900	AVG. 100
Average Rates in BPM	
MAX 3.5	AVG. 3
Cement Left in Pipe	
Feet 44	Reason Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	455	Premium Plus Class C	2% Calcium Chloride, 0.25 lb/sk Celluloflose	6.34	1.32	14.6
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: H2O
	Lost Returns F 0	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
	Actual TOC	Excess /Return BBI 55	Calc Disp Bbl
Average 5 Min	Frac. Gradient 10 Min 15 Min	Calc TOC 0	Actual Disp 44.00
		Treatment: Gal - BBI	Disp Bbl
		Cement Slurry BBI 107.0	
		Total Volume BBI 161.00	

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

SIGNATURE 

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