

JOB SUMMARY

PROJECT NUMBER: **TN # 177** TICKET DATE: **7/21/2013**

COUNTY: **Kearney** COMPANY: **Linn Energy**
 LEASE NAME: **Max Cohen** Well No.: **D-4 ATU 30** JOB TYPE: **Surface**

CUSTOMER REP: **Weldon Higgins**
 EMPLOYEE NAME: **Derek Lewis**

EMP NAME				
Derek Lewis				
Chris Lewis				
Mario Abrego				
Steve Crocker				

Form. Name: Council - Grave: Type:
 Packer Type: Set At:
 Bottom Hole Temp.: Pressure:
 Retainer Depth: Total Depth:

Date	Called Out	On Location	Job Started	Job Completed
	7/21/13	07/22/13	07/22/13	07/22/13
Time	2200	600	1125	1400

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	5	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	2	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24#	8.625"	J-55	KB	730	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12.25"		K.B.	?	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	H2O	8.33	Lb/Gal
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

Date	Hours
07/22/13	8.0
Total	8.0

Operating Hours

Date	Hours
07/22/13	3.0
Total	3.0

Description of Job
 Surface
 Good Returns During Job
 25 BBLS Cement to Surface

Perfpac Balls: Qty.
 Other:
 Other:
 Other:
 Other:

Pressures
 MAX: 840 AVG: 190
 Average Rates in BPM
 MAX: 4 AVG: 3
 Cement Left in Pipe: 44 Reason: SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Class C	2% C.C. + 0.25#/SK. Celloflake	6.30	1.32	14.8
2						
3						
4						

Summary

Preflush	BBI	10.00	Type: H2O
Breakdown	Gal - BBI		Pad Bbl - Gal
Load & Bkdn.	BBI	25	Calc Disp Bbl
Excess /Return	BBI	Surface	Actual Disp
Calc TOC			Disp Bbl
Treatment:	Gal - BBI		
Cement Slurry:	BBI	105.0	
Total Volume	BBI	160.00	

Average: 5 Min 10 Min 15 Min

CUSTOMER REPRESENTATIVE: Weldon Higgins SIGNATURE

Thank You For Using
O - TEX Pumping

JOB SUMMARY

PROJECT NUMBER TN # 178	TICKET DATE 7/23/2013
CUSTOMER REP Weldon Higgins	
EMPLOYEE NAME Jessie McClain	

COUNTY Kearny	COMPANY Linn Energy	LEASE NAME Max Cohen
Well No. D-4 ATU 30	JOB TYPE Production	

EMP NAME Jessie McClain			
Jason Jones			
Mario Abrego			

Form Name Council - Grave Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	7/24/13	07/24/13	07/24/13	07/24/13
Time	0500	1040	1130	1330

Type and Size	Qty	Make
Auto Fill Tube	1	IR
Insert Float Valve	1	IR
Centralizers	26	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	1	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	J-48	KB	3114	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7.875"		K.B.		Shots/Ft.
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	8.9 Lb/Gal
Disp. Fluid	H2O	Density	8.33 Lb/Gal
Spacer type	3m Silicate BBL		35
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	
07/24/13	4.0	07/24/13	2.0	Production
				Final Pump Pressure 680 psi
				55 bbls cmt to surface
				309 ft3 / 85 sks
Total	4.0	Total	2.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 1200	AVG 50
Average Rates in BPM	
MAX 4	AVG 3
Cement Left in Pipe	
Feet 43	Reason Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	205	Class C	0.2% C-41P, + 5% GYP, + 0.25%/SK. Cellulose	23.49	3.65	10.8
2	95	Class C	2% GEL + 0.2% C-16A, + 2% C.C.	10.4	1.90	13.0
3			DO NOT PUMP OVER 4 B.P.M. WATCH FOR CIRC. WHILE PUMPING JOB. 2 B.P.M. MIN. IF NO CIRC.			
4						

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI 35.00	Type: Sodium Silicate/H2O
	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad Bbl - Gal _____
	Lost Returns: _____	Excess /Return BBI 55	Calc. Diso Bbl _____
	Actual TOC _____	Surface _____	Actual Diso _____
Average	Frac. Gradient _____	Treatment: Gal - BBI _____	Diso Bbl _____
ISIP 5 Min	10 Min _____	Cement Slurry: BBI 165.0	
	15 Min _____	Total Volume BBI 273.00	

CUSTOMER REPRESENTATIVE SIGNATURE _____

**Thank You For Using
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