

JOB SUMMARY		PROJECT NUMBER TN # 1342	TEXT DATE 11/21/2014
COUNTY Stanton	COMPANY Linn Operating	CUSTOMER REP 0	
LEASE NAME Welch	Well No. C4 ATU 439	EMPLOYEE NAME MARIO ABREGO	
JOB TYPE Surface			

EMP NAME MARIO ABREGO	RICKY POLK				
SHAWN COTTON					
DAVID SAGALA					
SANTIAGO CALDITO					

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

Date	Called Out	On Location	Job Started	Job Completed
	11/20/2014	11/20/14	11/20/14	11/21/14
Time	1:00PM	0.833333333	0.993055556	0.045138889

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	772	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	0	Lb/Gal
Disp. Fluid	H2O	Density	14.8
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	
Perpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/20/14	4.0	11/20/14	2.0	Surface
Total	4.0	Total	2.0	

MAX 1140	AVG 60
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	480	Premium Plus Class C	2% 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		Summary	
Type: _____	MAXIMUM _____	Preflush: BBI	10.00
Lost Returns f _____	Actual TOC _____	Load & Bkdn: Gal - BBI	45
Frac. Gradient _____	10 Min _____	Excess /Return BBI	45
15 Min _____		Calc TOC	SURFACE
		Treatment: Gal - BBI	113.0
		Cement Slurry BBI	159.00
		Total Volume BBI	159.00

CUSTOMER REPRESENTATIVE *Welch Group* SIGNATURE

Thank You For Using
0 - TEX Pumping

JOB SUMMARY		PROJECT NUMBER TN # 1344	TICKET DATE 11/22/2014
COUNTY Stanton	COMPANY Linn Energy	CUSTOMER REP 0	
LEASE NAME Welch	Well No. C4 ATU 439	JOB TYPE Production	
EMP NAME		EMPLOYEE NAME Chris Lewis	

Chris Lewis					
Tony Lewis					
Chad Norris					

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

Date	Called Out	On Location	Job Started	Job Completed
		11/22/14	11/22/14	11/22/14
Time	700	1305	1434	

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	44	KB	3065	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	0	Lb/Gal
Disp. Fluid	H2O	Density	8.33
Spacer type	dium 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			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/22/14	8.0	11/22/14	1.5	Production
Total	8.0	Total	1.5	

MAX 2000		AVG 130		Pressures
MAX 3		AVG 3		Average Rates in BPM
Feet 44		Reason		Cement Left in Pipe Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	425	O-Tex LowDense Cement	2% Gyp, 2% Calcium Chloride, 2% C-43, 0.4% C-15, 0.4% C-41P, 0.2% C-61, 0.25 lb/bk Cellulose	13.25	2.25	11.5
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

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

CUSTOMER REPRESENTATIVE *Willie Hugg* SIGNATURE

Thank You For Using
O - TEX Pumping