

JOB SUMMARY

COUNTY Stanton	COMPANY Linn Energy	PROJECT NUMBER TN # 1333	JOB START DATE 11/18/2014
LEADER NAME Patt John	WELL NO. 5 ATU 381	CUSTOMER REP Orlando	EMPLOYEE NAME MARIO ABREGO
JOB TYPE Surface			

ESP NAME MARIO ABREGO			
SHAWN COTTON			
ADAM MORRIS			
CHARLES WILLIAMS			

Form Name: Casco-Coupled Drive Type: _____

Packer Type: _____ Set At: _____

Bottom Hole Temp. _____ Pressure: _____

Retainer Depth _____ Total Depth: _____

Date	Called Out	On Location	Job Started	Job Completed
	11/17/2014	11/17/14	11/18/14	11/18/14
Time	3:00PM	9:00PM	12:48AM	2:00AM

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	40	0	772	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/FL
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	
11/17/14	4.0	11/18/14	2.0	Surface
Total	4.0	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 800	AVG 50
Average Rates in BPM	
MAX 3.5	AVG 3
Cement Left in Pipe	
Feet 43'	Reason Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Class C	2% Calcium Chloride and 25 Part Cellulose	6.34	1.32	14.8
2						
3						
4						

<p>Preflush Breakdown: _____ Type: _____</p> <p>MAXIMUM _____</p> <p>Lost Returns: _____</p> <p>Actual TOC: _____</p> <p>Average Frac. Gradient: _____</p> <p>5 Min _____ 10 Min _____ 15 Min _____</p>	<p>Summary</p> <p>Preflush: BBI 10.00 Type: H2O</p> <p>Load & Bkdn: Gal - BBI _____</p> <p>Excess / Return BBI: 50</p> <p>Calc TOC: SURFACE</p> <p>Treatment: Gal - BBI _____</p> <p>Cement Slurry: BBI 105.0</p> <p>Total Volume: BBI 115.00</p> <p>Actual Disp Bbl: _____</p> <p>Actual Disp Bbl: 0.90</p>
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CUSTOMER REPRESENTATIVE Wally Hays SIGNATURE

Thank You For Using
O - TEX Pumping

JOB SUMMARY

COUNTY Stanton	COMPANY Linn Energy	PROJECT NUMBER TN # 1337	TICKET DATE 11/19/2014
LEASE NAME Pettijohn	Well No. 5 ATU 381	CUSTOMER REP Weldon Higgins	EMPLOYEE NAME Steve Crocker
EMP NAME Steve Crocker			

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

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

Materials			
Mud Type	8	Density	8
Disp. Fluid	H2O	Density	8.33
Spacer type	alum sillic 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 _____

Date	Called Out	On Location	Job Started	Job Completed
		11/19/14	11/19/14	11/19/14
Time		1130	1320	1500

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	J55	0	3054	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/19/14	3.5	11/19/14	1.5	Production
Total	3.5	Total	1.5	

Pressures			
MAX	1300	AVG	200
Average Rates in BPM			
MAX	3.5	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data									
Steps	Sacks	Cement	Additives				W/Rq.	Yield	Lbs/Gal
1	425	O-TEX LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 Shk Colloids				13.25	2.25	11.5
2	0	0	0				0	0	0
3									
4									

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Actual TOC _____	Frac Gradient _____	10 Min _____
Average _____	5 Min _____	15 Min _____	Preflush: BBI _____	Load & Bkdn: Gal - BBI _____	Excess /Return BBI _____
			Calc. TOC _____	Treatment: Gal - BBI _____	Cement Slurry BBI _____
			Total Volume BBI _____	30.00	170.0
				Type: sodium silicate	72.00

CUSTOMER REPRESENTATIVE *Weldon Higgins* SIGNATURE _____

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