JOB SUMMARY

COUNTY: Stanton	COMPANY: Linn Energy	PROJECT NUMBER: TN # 563	TICKET DATE: 3/13/2014
LEASE NAME: Fegan — Well No.: A-6 ATU 278	JOB TYPE: Surface	CUSTOMER REP: Orlando	
EMP NAME		EMPLOYEE NAME: Bryon Hackett	

EMP NAME			
Bryon Hackett			
Steve Crocker			
Reggie			
Santiago			

Form. Name: Chase-Council Grove Type:

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

	Called Out	On Location	Job Started	Job Completed
Date	03/12/14	03/12/14	03/13/14	03/13/14
Time	1430	2000	140	249

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		KB	770	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							
Perforations							Shots/Ft.
Perforations							
Perforations							

Materials

Mud Type	0	Density	0	Lb/Gal
Disp. Fluid	H20	Density	8.33	Lb/Gal
Spacer type	H20	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	

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

Hours On Location

Date	Hours
03/12/14	7.5
Total	7.5

Operating Hours

Date	Hours
03/13/14	1.0
Total	1.0

Description of Job: Surface

Cement to Surface: 50 bbl or 210 sks

Top of Cement: 0'

Pressures: MAX 880 AVG 100

Average Rates in BPM: MAX 3 AVG 3

Cement Left in Pipe: Feet 44 Reason: Shoe Track

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	480	Premium Class C	2% Calcium Chloride and .25 #/sk Celloflake	6.34	1.35	14.8
2						
3						
4						

Summary

Preflush: Type:
Breakdown: MAXIMUM:
Lost Returns: 0
Actual TOC:
Average: Frac. Gradient:
SIP: 5 Min: 10 Min: 15 Min:

Preflush:	BBl	10.00
Load & Bkdn:	Gal - BBl	
Excess /Return	BBl	50
Calc TOC		0
Treatment:	Gal - BBl	
Cement Slurry:	BBl	116.0
Total Volume	BBl	171.00

Type: H20
Pad Bbl -Gal:
Calc Disp Bbl:
Actual Disp Bbl: 46.00

CUSTOMER REPRESENTATIVE:
SIGNATURE:

Thank You For Using
O - TEX Pumping

JOB SUMMARY

PROJECT NUMBER	TN # 566
TICKET DATE	3/14/2014
COUNTY	Stanton
COMPANY	Linn Energy
CUSTOMER REP	Weldon Higgins
LEASE NAME	Fegan
Well No.	A6 ATU 278
JOB TYPE	Production
EMPLOYEE NAME	LAMONT PATTERSON

EMP NAME
LAMONT PATTERSON
CODY GLASSGOW
BEAU CLEM

Form. Name 6 Type:

Packer Type Set At

Bottom Hole Temp. Pressure

Retainer Depth Total Depth

	Called Out	On Location	Job Started	Job Completed
Date		03/14/14	03/14/14	03/14/14
Time		830	1752	1956

Tools and Accessories

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	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	15.5	5.5	J-55	KB	3132	1000
Liner							
Liner							
Tubing							
Drill Pipe							Shots/Ft.
Open Hole							
Perforations							
Perforations							
Perforations							

Materials

Mud Type	0	Density	0	Lb/Gal
Disp. Fluid	H20	Density	8.33	Lb/Gal
Spacer type	LOWSTOI	BBL.	20	
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

Date	Hours
03/14/14	8.0
Total	8.0

Operating Hours

Date	Hours
03/14/14	2.5
Total	2.5

Description of Job

Production

GOOD RETURNS THRU OUT

JOB FLOATS HELD

Pressures

MAX 1000 AVG 350

Average Rates in BPM

MAX 3 AVG 3

Cement Left in Pipe

Feet 1 Reason Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	430	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 #/sk Cellofake	13.29	2.25	11.5
2	0	0	0	0	0	0
3						
4						

Summary

Preflush Type: FLOWSTOP

Breakdown MAXIMUM

Lost Returns-N NO

Actual TOC

Average Frac. Gradient

ISIP 5 Min 10 Min 15 Min

Preflush:	BBl	20.00	Pad:Bbl -Gal
Load & Bkdn:	Gal - BBl		Calc Disp Bbl
Excess /Return	BBl	172	Actual Disp
Calc TOC		3,132	Disp Bbl
Treatment:	Gal - BBl		
Cement Slurry:	BBl	#VALUE!	
Total Volume	BBl	#VALUE!	

Actual Disp Bbl: 73.00

CUSTOMER REPRESENTATIVE

SIGNATURE

Thank You For Using

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