

JOB SUMMARY			PROJECT NUMBER TN # 1489	TRUCK DATE 2/6/2015
COUNTY Grant	COMPANY Linn Energy	CUSTOMER REP Orlando		
LEASE NAME Tillie Clow	Well No. 5 ATU-250	JOB TYPE Surface	EMPLOYEE NAME MARIO ABREGO	
DIP NAME				

MARIO ABREGO				
SHAWN COTTON				
TONY LEWIS				
JONNY BLACKWOOD				

Form. Name Class-Connell Drive Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out 2/8/2015	On Location 02/05/15	Job Started 02/05/15	Job Completed 02/08/15
Time	1:00PM	7:00PM	11:50PM	1:00AM

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 Shoes	0	IR
Cement Basket	0	IR

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24	8.625	J-40	0	730	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Fl.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WSM	Density	0
Disp. Fluid	H2O	Density	8.33
Spacer type	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	
02/05/15	4.0	02/05/15	2.0	Surface
Total	4.0	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 940	AVG 90
Average Rates in BPM	
MAX 3	AVG 3
Cement Left in Pipe	
Feet 43	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Class C	2% Calcium Chloride and .25% Pot. Carbonate	6.34	1.35	14.8
2						
3			TAKE 5 1/2 FLOAT EQUIPMENT			
4						

Summary			
Preflush Breakdown:	Type: MAXIMUM	Preflush: BBI 10.00	Type: H2O
	Lost Returns: 30	Load & Bkdn: Gal - BBI	Pad. Bbl - Gal
	Actual TOC	Excess / Return BBI 15	Calc. Disp Bbl
Average	Frac. Gradient	Calc. TOC	Actual Disp 44.00
5 Min	10 Min	Treatment: Gal - BBI	Disp Bbl
	15 Min	Cement Slurry BBI 108.0	
		Total Volume BBI 162.00	

CUSTOMER REPRESENTATIVE

Walter Hays

SIGNATURE

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O - TEX Pumping

JOB SUMMARY			PROJECT NUMBER TN # 1493	TICKET DATE 2/7/2015
LOCALITY Grant	COMPANY Linn Energy	CUSTOMER REP Weldon Higgins		
LEAD NAME Titlie Clow	Well No. 5 ATU 259	JOB TYPE Production	EMPLOYEE NAME Chris Lewis	

Chris Lewis				
Steve Crocker				
Joseph Martinez				

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

Date	Called Out	On Location	Job Started	Job Completed
		02/07/15	02/07/15	02/07/15
Time		1300	1630	1742

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	16.5	5.5	API	KB	2857	2000
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Fl.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	0	Density	0
Disp. Fluid	H2O	Density	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	
02/07/15	5.0	02/07/15	1.5	Production
				2857FT
				5.5 Production
Total	5.0	Total	1.5	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures			
MAX	2000	AVG.	300
Average Rates in BPM			
MAX	3	AVG	3
Cement Left in Pipe			
Feet	44	Reason	Shoe Joint

Cement Data								
Stage	Sacks	Cement	Additives			W/Rq.	Yield	Lbs/Gal
1	395	O-TEX LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-61, 0.25 Shot Cellulose			13.25	2.25	11.5
2	0	0	0			0	0	0
3			TAKE 8 5/8 FLOAT EQUIPMENT					
4								

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	10.00
	Lost Return: 0	Load & Bkdn: Gal - BBI	
	Actual TOC: _____	Excess /Return BBI	60
Average	Frac. Gradient	Calc. TOC	0
150'	5 Min	Treatment: Gal - BBI	
	10 Min	Cement Slurry BBI	159.0
	15 Min	Total Volume BBI	236.00

CUSTOMER REPRESENTATIVE *Weldon Higgins*

SIGNATURE _____

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