

JOB SUMMARY			PROJECT NUMBER TN # 880	TICKET DATE 6/17/2014
COUNTY Morton	COMPANY Linn Energy	CUSTOMER NBP Weldon Higgins		
LEASE NAME Breeding	Well No. A5 ATU 204	JOB TYPE Production	EMPLOYEE NAME JESUS JIMENEZ	

EMP NAME JESUS JIMENEZ					
BEAU CLEM					
NATE WILLIS					

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

Date	Called Out 6-17-14	On Location 06/17/14	Job Started 06/17/14	Job Completed 06/17/14
Time	12:00	6:00AM	2:00pm	4:00pm

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	40	0	3112	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	0	Density	0 Lb/Gal
Disp Fluid	H2O	Density	8.33 Lb/Gal
Spacer type	NUM SILIC 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


Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
06/17/14	8.0	06/17/14	2.0	Production
Total	8.0	Total	2.0	

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

Pressures	
MAX 1100	AVG 200
Average Rates in BPM	
MAX 3	AVG 3
Cement Left in Pipe	
Feel 44	Reason Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	435	O-Tex LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-13, 0.4% C-41P, 0.2% C-61, 0.25 #/sk Cellulose	13.29	2.25	11.5
2	0	0	0	0	0	0
3						
4						

Summary					
Preflush Breakdown	Type: MAXIMUM	Preflush: 20.00	Type: SODIUM SILICATE	Pad Bbl - Gal	
	Last Returns: NO	Load & Bkdn: Gal - BBI	Excess /Return BBI	Calc Disp Bbl	73
Average	Actual TOC	Calc. TOC	Treatment: Gal - BBI	Actual Disp	73.00
5 Min	Frac. Gradient	Cement Slurry BBI	Total Volume BBI	Diso Bbl	
10 Min	15 Min				

CUSTOMER REPRESENTATIVE _____

SIGNATURE

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JOB SUMMARY

CLIENT Morton	PROJECT NUMBER TN # 879
COMPANY Linn Energy	TRKCT DATE 6/15/2014
LEASE NAME Breeding	CUSTOMER REP Orlando
Well No A5 ATU 204	EMPLOYEE NAME Steve Crocker
JOB TYPE Surface	

EMP NAME Steve Crocker	
Miguel Murgado	
Adam Morris	
Shawn Cotton	

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	6-15-14	06/15/14	06/15/14	06/15/14
Time	1230	1750	2145	2265

Tools and Accessories

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	24	8.625	J-55	0	728	1500
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials

Mud Type	0	Density	0	Lb/Gal
Disp. Fluid	H2O	Density	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		Operating Hours		Description of Job
Date	Hours	Date	Hours	
06/15/14	5.0	06/15/14	1.0	Surface
				10bbls H2O Spacer
				109bbls Lead Cement
				at 14.8
				44bbls Displacement H2O
				Cement to Surface: 44bbls
				183sks
Total	5.0	Total	1.0	

Perpac Balls _____ **Qty.** _____

Other _____

Other _____

Other _____

Other _____

Pressures

MAX 1065 **AVG** 200

MAX 3.5 **AVG** 3

Feet 44 **Reason** Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	455	Premium Class C	2% Calcium Chloride and .25 % Zn Citrate	6.34	1.35	14.8
2						
3						
4						

Summary

Preflush Breakdown	Type: _____	Preflush: BBI	10.00	Type: H2O
	MAXIMUM _____	Load & Bkdn: Gal - BBI		Pad Bbl - Gal
	Lost Returns: _____	Excess /Return BBI	44	Calc Disp Bbl
	Actual TOC _____	Calc TOC	0	Actual Disp
Average	Frac. Gradient _____	Treatment: Gal - BBI		Disp Bbl
5 Min	10 Min	Cement Slurry: BBI	109.0	
	15 Min	Total Volume: BBI	163.00	

CUSTOMER REPRESENTATIVE _____


SIGNATURE

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