

JOB SUMMARY

COUNTY Hamilton	COMPANY Linn Energy	PROJECT NUMBER TN # 1429	TRIP DATE 12/29/2014
LEASE NO. Hellames	Well No. B-4 ATU-285	CUSTOMER REP Orlando	
EMP NAME MARIO ABREGO	JOB TYPE Surface	EMPLOYEE TITLE MARIO ABREGO	

MARIO ABREGO			
DAVID SAGALA			
SANTIAGO CALBITO			
JONNY BLACKWOOD			

Form. Name Chico-Cornell Drive 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	Density	0	Lb/Gal
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

Perpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Date	Called Out	On Location	Job Started	Job Completed
	12/28/2014	12/28/14	12/28/14	12/29/14
Time	2:00PM	7:00PM	1:10AM	2:18AM

	Well Data		From	To	Max. Allow
	New/Used	Weight			
Casing	New	24	0	729	2000
Liner					
Liner					
Tubing					
Drill Pipe					
Open Hole					
Perforations					Shots/FT
Perforations					
Perforations					

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/28/14	4.0	12/28/14	2.0	Surface
Total	4.0	Total	2.0	

MAX 1100	AVG 60
MAX 3	AVG 3
Feet 43	Reason _____
	Shoe Joint _____

Stage	Sacks	Cement	Cement Gain	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Class C		7% Calcium Chloride and .25% Zinc Calcifate	6.34	1.32	14.8
2							
3							
4							

Preflush Breakdown	Type: _____	Summary	Preflush: BBI	10.00	Type: H2O
Average	5 Min	MAXIMUM	Load & Bkdn: Gal - BBI	30	Pad: Bbl - Gal
		Actual TOC	Calc: 3DC	SURFACE	Actual Disp
		Frac. Gradient	Treatment: Gal - BBI	106.0	Disp Bbl
		10 Min	Cement Slurry BBI	160.00	
		15 Min	Total Volume BBI		

CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____
 Thank You For Using
TEX Pumping

JOB SUMMARY

CITY Hamilton	PROJECT NUMBER TN # 1374	TICKET DATE 12/31/2014
LEASE NAME Haltomas	COMPANY Linn Energy	CUSTOMER REP Weldon Higgins
Well No. B-4 ATU-285	JOB TYPE Production	EMPLOYEE NAME Steve Crocker

EMP NAME Steve Crocker					
Chris Lewis					
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
		12/30/14	12/30/14	12/31/14
Time		1100	2245	45

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	1	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Liner	New	15.5	5.5	J40	0	3069	2500
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	8	0
Spacer type	H2O	8.33
Spacer type	BBL	30
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 _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/30/14	14.0	12/30/14	2.0	Production
				Pmp spacer
				Pump 170bbls lead cmt at 11.5gpm
				s/d wash pl drop plug
				displace 72bbls H2O
				cmt to surface 10bbls/175sks
Total	14.0	Total	2.0	

Pressures

MAX 1200 **AVG** 250

Average Rates in BPM

MAX 3.5 **AVG** 3

Cement Left in Pipe

Feet 44 **Reason** _____ **Shoe Joint**

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	425	O-Tex LowDense	2% Oyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-41, 0.25 #/sk Colloids	13.25	2.25	11.5
2	0	0	0	0	0	0
3						
4						

Summary

Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	30.00	Type: H2O
	Lost Returns	Load & Bkdn:	Gal - BBI	Pad Bbl - Gal
	Actual TOC	Excess /Return BBI	70	Calc Disp Bbl
Average	Frac. Gradient	Calc. TOC	0	Actual Disp
5 Min	10 Min	Treatment:	Gal - BBI	Disp: Bbl
	15 Min	Cement Slurry	BBI	
		Total Volume	BBI	
			272.00	

CUSTOMER REPRESENTATIVE _____

SIGNATURE

Thank You For Using
O-TEX Pumping