

JOB SUMMARY			PROJECT NUMBER TN # 913	TRIP DATE 6/28/2014
COUNTY GRANT	COMPANY Linn Energy	CUSTOMER REP WELDON		
WELL NAME Porter	WELL NO A4 ATU 233	JOB TYPE Surface	EMPLOYEE NAME JASON JONES	

TRIP NAME	JASON JONES	JOE ARRELLANO					
	CHAD NORRIS						
	DAVID MITCHELL						
	FRANK SWEET						

Form Name Class-Coupled Grove Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		06/28/14	06/28/14	06/28/14
Time		2000	2245	0

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	40	KB	728	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/FL
Perforations							
Perforations							
Perforations							

Materials			
	Qty	Density	Lb/Gal
Mud Type	0	0	
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	
06/28/14	4.0	06/28/14	2.0	Surface
				APPROX 50 BBLs OF CMT.
				TO SURFACE
				APPROX 207 SKS
				GOOD RETURNS THRU JOB
				JOB WAS COMPLETED SAFELY
Total	4.0	Total	2.0	

Pressures			
MAX	AVG	REASON	SHOE JOINT
1200	200		
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	435	Premium Class C	2% Calcium Chloride and .25 6% Cellulose	6.34	1.35	14.8	
2							
3							
4							

Summary							
Preflush		Type: MAXIMUM		Preflush: BBI	10.00	Type: H2O	
Breakdown		Lost Returns: NO		Load & Bkdn: Gal - BBI		Pad Bbl - Gal	
		Actual TOC: SURFACE		Excess /Return BBI	50	Calc Disp Bbl	43
Average		Frac. Gradient: 10 Min	15 Min	Calc TOC		Actual Disp	43.00
	5 Min			Treatment: Gal - BBI		Disp Bbl	
				Cement Slurry BBI	#VALUE!		
				Total Volume BBI	#VALUE!		

CUSTOMER REPRESENTATIVE Weldon Jones SIGNATURE

Thank You For Using
O - TEX Pumping

JOB SUMMARY			PROJECT NUMBER TN # 920	TICKET DATE 6/29/2014
COUNTY Morton	COMPANY Linn Energy	CUSTOMER REP 0		
LEASE NAME Porter	Well No A4 ATU 233	LEAS TYPE Production	EMPLOYEE NAME Chris Lewis	

EMP NAME					
Chris Lewis					
Steve Crocker					
Tony Lewis					

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

Date	Called Out	On Location	Job Started	Job Completed
		06/29/14	06/29/14	06/29/14
Time		600	1025	1215

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

	Now/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		15.5	5.5	KB		3110	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	0	Density	0	Lb/Gal
Mud Type	H2O	Density	8.33	Lb/Gal
Spacer type	dium silic	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		

Hours On Location

Date	Hours
06/29/14	6.0
Total	6.0

Operating Hours

Date	Hours
06/29/14	2.0
Total	2.0

Description of Job

Production
Pump Spacer Sodium Silicate
Pump Lead At 11.5ppg
174bbbs
Pump Displacement 74bbbs
Cementto Surface: 40bbbs
100sks

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

Pressures

MAX 2500 AVG 100
Average Rates in BPM
MAX 3.5 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 Cement	2% Gypsum, 2% Calcium Chloride, 2% C-48, 0.6% C-18, 0.4% C-41P, 0.2% C-31, 0.25 Ink Cellulose	13.29	2.25	11.5
2	0			0	0	0
3	0			0	0	0
4						

Summary

Preflush	_____	Type: _____	Preflush: BBI	30.00	Type: Sodium silicate
Breakdown	MAXIMUM	_____	Load & Bkdn: Gal - BBI	40	Pad:Bbl -Gal
	Lost Returns: 0	_____	Excess /Return BBI	40	Calc Disp Bbl
	Actual TOC	_____	Calc. TOC:	0	Actual Disp.
Average	Frac. Gradient	_____	Treatment: Gal - BBI	174.0	Disp Bbl
ISP 5 Min.	10 Min	15 Min	Cement Slurry BBI	278.00	
			Total Volume BBI		

CUSTOMER REPRESENTATIVE Walter Hagan SIGNATURE

**Thank You For Using
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