

JOB SUMMARY			PROJECT NUMBER TN # 549	TICKET DATE 3/7/2014
COUNTY Kearny	COMPANY Linn Operating		CUSTOMER REP Weldon Higgins	
LEASE NAME Wisherd	Well No. C4 ATU 319	JOB TYPE Surface	EMPLOYEE NAME LAMONT PATTERSON	

EMP NAME LAMONT PATTERSON					
ERIC POOL					
JASON JONES					

Form. Name Cheas Council Grove Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		03/06/14	03/06/14	03/07/14
Time		1900	2300	15

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 5/8"	J44	KB	602	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Disp. Fluid	H2O	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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
03/06/14	5.0	03/06/14	2.0	Surface
				GOOD RETURNS THRU JOB
				JOB WAS COMPLETED SAFELY
				APPROX 15 BBLs OF CMT TO
				APPROX 63 SKS
Total	5.0	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures		
MAX	1000	AVG 350
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	390	Premium Plus Class C	2% Calcium Chloride; 0.25 lb/sk Celluloflake	6.34	1.32	14.8
2	0	0	Take all Float equipment for next job. (F.S.; Float insert; Stop ring; Ball; 2 ft	0	0	0
3						
4						

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBi	10.00 Type: H2O
	Lost Returns: NO	Load & Bkdn: Gal - BBi	15 Pad: Bbl - Gal
	Actual TOC	Excess /Return BBi	15 Calc. Disp Bbl
Average	Frac. Gradient	Calc. TOC: SURFACE	Actual Disp. 35.00
isp 5 Min.	10 Min	Treatment: Gal - BBi	Disp: Bbl
	15 Min	Cement Slurry BBi	#VALUE!
		Total Volume BBi	#VALUE!

JOB SUMMARY

PROJECT NUMBER: **TN # 551** TICKET DATE: **3/8/2014**

COUNTY: **Kearny** COMPANY: **Linn Energy**
 LEASE NAME: **Wisherd** Well No: **C 4 ATU 319** JOB TYPE: **Production**

CUSTOMER REP: **Weldon Higgins**
 EMPLOYEE NAME: **Bryon Hackett**

EMP NAME					
Bryon Hackett					
Steve Crocker					
Miguel Garcia					

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	03/07/14	03/08/14	03/08/14	03/08/14
Time	1730	1100	1233	1413

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	16.6 #	5.5"	KB		3128	2500
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	SodSilcH2O 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	
03/08/14	4.0	03/08/14	1.8	Production
Total	4.0	Total	1.8	

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

Pressures	
MAX	1200
AVG	200
Average Rates in BPM	
MAX	3
AVG	3
Cement Left in Pipe	
Feet	45
Reason	Shoe Track

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	440	O-Tex Low Dense Cemen	2% Oyp; 2% Calcium Chloride; 2% C-45; 0.4% C-15; 0.4% C-41P; 0.2% C-51; 0.25 lbs/sk Cellulose;	13.29	2.25	11.5
2	0	0	Take 10 gals Claymax for displacement	0	0	0
3			Take float equipment for next job (8 5/8 T.P.G.S.; 8 5/8 F.C. Insert w/AF t)			
4						

Summary			
Preflush	20.00	Type: SodSilcH2O	
Breakdown	45	Pad:Bbl - Gal	
	0	Calc Disp Bbl	
	0	Actual Disp	73.00
	0	Disp Bbl	
Average	176.0		
5 Min	10 Min	15 Min	
			269.00

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

Thank You For Using
O - TEX Pumping