

JOB SUMMARY

COUNTY Grant	PROJECT NUMBER TN # 1511	PROJECT DATE 2/17/2015
LEAS NAME FEDERAL LAND BANK A-4 ATU-148	COMPANY Linn Energy	CUSTOMER REP 0
Well No. Surface	EMPLOYEE NAME DAVID SIGALA	

EMP NAME DAVID SIGALA	
SHAWN COTTON	
RICK POLK	
KESHAAD JOHNSON	

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

Date	Called Out	On Location	Job Started	Job Completed
		02/17/15	02/17/15	02/17/15
Time		800PM	1000PM	1200AM

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

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24	8.625	J40	KB	730	2000
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	Qty	Density	Lb/Gal
Mud Type	0	0	Lb/Gal
Disp. Fluid	H2O	Density	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	
02/17/15		02/17/15		Surface
				GOOD RETURNS
				JOB SAFELY COMPLETED
				FLOATS HELD
				40 BBLs RETURN CEMENT TO
Total	0.0	Total	0.0	

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

Pressures			
	MAX	AVG	Reason
	1000	100	
	3	3	
	44		Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	Premium Plus Class C	2% Calcium Chloride, 0.25 % NaCl Cellulose	6.34	1.32	14.8
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4						

Summary			
Preflush	10.00	Type	H2O
Breakdown	MAXIMUM	Load & Bkdn.	Gal - BBI
	0	Excess /Return	BBI
Average	5 Min	Calc. TOC	SURFACE
	10 Min	Actual TOC	44.00
		Frac. Gradient	15 Min
		Treatment	Gal - BBI
		Cement Slurry	BBI
		Total Volume	150.00

CUSTOMER REPRESENTATIVE David Sigala

SIGNATURE _____
Thank You For Using
TEX Pumping

JOB SUMMARY

COUNTRY Grant	PROJECT NUMBER TN # 1512	START DATE 2/18/2015
LEASE NAME Federal Land Bank A-4 ATU 148	COMPANY Linn Energy	CUSTOMER REP 0
WELL NO.	JOB TYPE Production	EMPLOYEE NAME Chris Lewis

Chris Lewis			
Tony Lewis			
Miguel Murgado			

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		02/18/15	02/18/15	02/18/15
Time		330	1207	1330

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

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow	Well Data	
								Perforations	Shots/Ft.
Liner	New	15.5	8.5	J40	KB	2856	2500		
Liner									
Tubing									
Drill Pipe									
Open Hole									
Perforations									
Perforations									
Perforations									

Materials			
Mud Type	0	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	
02/18/15	10.0	02/18/15	1.5	Production
Total	10.0	Total	1.5	

Parfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX	2500
AVG	
Average Rates in BPM	
MAX	3
AVG	3
Cement Left in Pipe	
Feet	44
Reason	
Shoe Joint	

Cement Data			Additives			W/Rq.	Yield	Lbs/Gal		
Stage	Sacks	Cement	2% Opp.	2% Calcium Chloride	2% C-45	0.4% C-18	0.2% X-40	2% C-51	0.25 Bbls Cellulose	
1	395	O-Tex Low-Dense Cement						13.29	2.25	11.5
2	0							0	0	0
3	0							0	0	0
4								0	0	0

Preflush Breakdown		Summary	
Type:	MAXIMUM	Preflush:	BBI
Load & Bkdn:	0	Gal - BBI	10.00
Excess (RLI):		BBI	65
Calc TO:		surface	Actual Disp
Treatment:	Gal - BBI	Actual Disp	57.00
Cement Slurry:	BBI		
Total Volume:	BBI		
			235.00

CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

Thank You For Using
• TEX Pumping