

JOB SUMMARY			PROJECT NUMBER SOK0947	TICKET DATE 11/02/11
COUNTY Comanche	State Kansas	COMPANY Sandridge Exp and Production	CUSTOMER REP Felix Ortiz Jr.	
LEASE NAME Ellis	Well No. 1-19H	JOB TYPE Surface	EMPLOYEE NAME Chris Bigbey	

EMP NAME					
Chris Bigbey					
Jared Green					
Larry Kirchner Sr.					
RJ Stonehocker					

Form. Name _____ Type: _____
Packer Type _____ Set At 0
Bottom Hole Temp. 80 Pressure _____
Retainer Depth _____ Total Depth 969

Date	Called Out 11/1/2011	On Location 11/2/2011	Job Started 11/2/2011	Job Completed 11/2/2011
Time	1700	0320	0420	0600

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	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
Casing		36.0	9 5/8"		Surface	969
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	965
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water	BBL.	10
Spacer type	BBL.		
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		ln
NE Agent	Gal.		ln
Fluid Loss	Gal/Lb		ln
Gelling Agent	Gal/Lb		ln
Fric. Red.	Gal/Lb		ln
MISC.	Gal/Lb		ln
Perfpac Balls		Qty.	
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/2	4.0	11/2	1.5	Surface
Total	4.0	Total	1.5	

Pressures	
MAX	1,500 PSI
AVG.	300
Average Rates in BPM	
MAX	8 BPM
AVG	5
Cement Left in Pipe	
Feet	44
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	440	O-Tex Lite Standard	(6%Gel) 2% Calcium Chloride - 1/4 lb/sk Cellflake - 0.5% C-41P	10.88	1.84	12.70
2	180	Standard	2% Calcium Chloride - 1/4 lb/sk Cellflake	5.20	1.18	15.60
3	0	Standard	2% Calcium Chloride on the side	5.20	1.18	15.60

Summary					
Preflush Breakdown	Type:	MAXIMUM	1,500 PSI	Preflush:	BBI 10.00 Type: FRESH WATER
	Lost Returns-N		NO/FULL	Load & Bkdn:	Gal - BBI N/A Pad:Bbl -Gal N/a
	Actual TOC		SURFACE	Excess /Return	BBI 85 Calc.Disp Bbl 71
Average	Bump Plug PSI:		900	Calc. TOC:	SURFACE Actual Disp. 69.00
ISIP	15 Min		10 Min	Final Circ.	PSI: 400 Disp:Bbl 71.40
				Cement Slurry:	BBI 182.0
				Total Volume	BBI 261.03

CUSTOMER REPRESENTATIVE _____ SIGNATURE *Felix Ortiz Jr.*

JOB SUMMARY			PROJECT NUMBER SOK0963	TICKET DATE 11/08/11
COUNTY Comanche	State Oklahoma	COMPANY Sandridge Exp and Prod	CUSTOMER REP Felix Ortiz Jr.	
LEASE NAME Ellis	Well No. 1-19H	JOB TYPE Intermediate	EMPLOYEE NAME M.Wilson	

EMP NAME					
Matt Wilson					
Johnny Breeze					
Jayson Pierce					
David Settlmeyer					

Form. Name _____ Type: _____
 Packer Type _____ Set At 0
 Bottom Hole Temp. 0 Pressure _____
 Retainer Depth _____ Total Depth 5567

Date	Called Out 11/8/2011	On Location 11/8/2011	Job Started 11/8/2011	Job Completed 11/8/2011
Time	7:00 am	12:00 pm	1:32 pm	3:30 pm

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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
Casing		26.0	7		Surface	5,598
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			8 3/4		Surface	5,598
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	Density		Lb/Gal
Disp. Fluid	Density		Lb/Gal
Spacer type	BBL.		
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	
11/8	4.0	11/8	4.0	Intermediate
Total	4.0	Total	4.0	

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

Pressures		
MAX	5000	AVG. 400
Average Rates in BPM		
MAX	8	AVG 5
Cement Left in Pipe		
Feet	82	Reason shoe joint

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	200	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Preflush	<u>10</u>	Type: <u>caustic</u>	Summary	Preflush: BBI	<u>20.00</u>	Type: <u>FRESH WATER</u>
Breakdown		MAXIMUM	Load & Bkdn: Gal - BBI		<u>na</u>	Pad:Bbl -Gal
		Lost Returns-N	Excess /Return BBI		<u>na</u>	Calc. Disp Bbl
		Actual TOC	Calc. TOC:		<u>4.215</u>	Actual Disp.
Average		Frac. Gradient	frail circulate PSI		<u>680</u>	Disp:Bbl
ISIP	5 Min.	10 Min.	Cement Slurry: BBI		<u>51.0</u>	
		15 Min.	Total Volume	BBI	<u>275.00</u>	

CUSTOMER REPRESENTATIVE Felix Ortiz Jr. SIGNATURE

