



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1055678

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



phone: 316-337-6200  
fax: 316-337-6211  
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 12, 2011

Danyelle Barksdale  
Keith F. Walker Oil & Gas Co., LLC  
103 West Boyd  
Norman, OK 73069

Re: ACO1  
API 15-025-21482-00-00  
Freyja 18 #1  
NW/4 Sec.18-33S-25W  
Clark County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Danyelle Barksdale

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



phone: 316-337-6200  
fax: 316-337-6211  
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 16, 2011

Danyelle Barksdale  
Keith F. Walker Oil & Gas Co., LLC  
103 West Boyd  
Norman, OK 73069

Re: ACO-1  
API 15-025-21482-00-00  
Freyja 18 #1  
NW/4 Sec.18-33S-25W  
Clark County, Kansas

Dear Danyelle Barksdale:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/03/2009 and the ACO-1 was received on May 12, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

# Cementing Job Summary

*The Road to Excellence Starts with Safety*

Sold To #: 303246		Ship To #: 2743079		Quote #:		Sales Order #: 6897831	
Customer: KEITH WALKER OIL & GAS CO LLC EBUS				Customer Rep: Jones, Barry			
Well Name: Freyja			Well #: 18 #1		API/UWI #: 15-025-21482		
Field:		City (SAP): ASHLAND		County/Parish: Clark		State: Kansas	
Legal Description: Section 18 Township 33S Range 25W							
Contractor: .KENAI			Rig/Platform Name/Num: 58				
Job Purpose: Cement Production Casing							
Well Type: Development Well				Job Type: Cement Production Casing			
Sales Person: HESTON, MYRON			Srvc Supervisor: UNDERWOOD, BILLY		MBU ID Emp #: 159068		

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARROW, WARREN	4	340721	DELGADO, GERARDO	4	438393	TIRRELL, MICHAEL Edward	6	429195
UNDERWOOD, BILLY Dale	6	159068						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10722508	50 mile	10784078	50 mile	10804587	50 mile	10857045	50 mile
10949719	50 mile	10951586	50 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9-16-09	4	.5	9-17-09	2.5	1.5			
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	16 - Sep - 2009	20:00	CST
Form Type			BHST	Job Started	16 - Sep - 2009	23:40	CST
Job depth MD	7059. ft		Job Depth TVD	Job Completed	17 - Sep - 2009	01:40	CST
Water Depth			Wk Ht Above Floor	Departed Loc	17 - Sep - 2009	02:45	CST
Perforation Depth (MD)	From		To				

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Hole				7.875				1100.	7060.		
Production Casing	Used		5.5	4.95	17.	8 RD (LT&C)	L-80	.	7059.		
Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1100.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,FLOAT,5 1/2 8RD,2 3/4 SUPER SEAL	1	EA		
PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG	1	EA		
BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN	1	EA		
CENTRALIZER ASSY - TURBO - API -	24	EA		
BSKT,CEM,5 1/2 CSG X 7 7/8,8 3/4 H	3	EA		
COLLAR-STOP-5 1/2"-W/DOGS	1	EA		
KIT,HALL WELD-A	1	EA		

# Cementing Job Summary

Tools and Accessories														
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	
Guide Shoe					Packer					Top Plug				
Float Shoe					Bridge Plug					Bottom Plug				
Float Collar					Retainer					SSR plug set				
Insert Float										Plug Container				
Stage Tool										Centralizers				
Miscellaneous Materials														
Gelling Agt			Conc		Surfactant			Conc		Acid Type		Qty	Conc	%
Treatment Fld			Conc		Inhibitor			Conc		Sand Type		Size	Qty	
Fluid Data														
Stage/Plug #: 1														
Fluid #	Stage Type	Fluid Name				Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Water Pre-Flush					10	bbl	8.33	.0	.0	5.0			
2	PVS-5 Spacer (Caustic Soda Solution)					25	bbl	8.33	.0	.0	5.0			
3	Water Spacer					10	bbl	8.33	.0	.0	5.0			
4	Scavenger Slurry	CMT - PREMIUM CEMENT (100003687)				15	sacks	10.	7.51	49.41	5.0	49.41		
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)												
	10 %	CAL-SEAL 60, 50 LB BAG (101217146)												
	10 %	SALT, 100 LB BAG (100003652)												
	5 lbm	KOL-SEAL, BULK (100064233)												
	0.75 %	HALAD(R)-322, 50 LB (100003646)												
	0.25 lbm	POLY-E-FLAKE (101216940)												
	49.411 Gal	FRESH WATER												
5	Primary Slurry	CMT - PREMIUM CEMENT (100003687)				350	sacks	14.58	1.6	7.13	5.0	7.13		
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)												
	10 %	CAL-SEAL 60, 50 LB BAG (101217146)												
	10 %	SALT, 100 LB BAG (100003652)												
	5 lbm	KOL-SEAL, BULK (100064233)												
	0.75 %	HALAD(R)-322, 50 LB (100003646)												
	0.25 lbm	POLY-E-FLAKE (101216940)												
	7.128 Gal	FRESH WATER												
6	Displacement					163	bbl	8.33	.0	.0	5.0			
7	RAT AND MOUSE HOLE	CMT - PREMIUM CEMENT (100003687)				40	sacks	14.58	1.6	7.13		7.13		
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)												
	10 %	CAL-SEAL 60, 50 LB BAG (101217146)												
	10 %	SALT, 100 LB BAG (100003652)												
	5 lbm	KOL-SEAL, BULK (100064233)												
	0.75 %	HALAD(R)-322, 50 LB (100003646)												
	0.25 lbm	POLY-E-FLAKE (101216940)												
	7.128 Gal	FRESH WATER												
Calculated Values			Pressures				Volumes							
Displacement	163	Shut In: Instant				Lost Returns		Cement Slurry		132	Pad			
Top Of Cement		5 Min				Cement Returns		Actual Displacement		163	Treatment			
Frac Gradient		15 Min				Spacers		45	Load and Breakdown		Total Job		340	

# Cementing Job Summary

Rates									
Circulating	4.5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

# Cementing Job Summary

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 303246		<b>Ship To #:</b> 2743079		<b>Quote #:</b>		<b>Sales Order #:</b> 6878495		
<b>Customer:</b> KEITH WALKER OIL & GAS CO LLC EBUS				<b>Customer Rep:</b> Jones, Barry				
<b>Well Name:</b> Freyja			<b>Well #:</b> 18 #1			<b>API/UWI #:</b> 15-025-21482		
<b>Field:</b>		<b>City (SAP):</b> ASHLAND		<b>County/Parish:</b> Clark		<b>State:</b> Kansas		
<b>Legal Description:</b> Section 18 Township 33S Range 25W								
<b>Contractor:</b> .KENAI				<b>Rig/Platform Name/Num:</b> 58				
<b>Job Purpose:</b> Cement Surface Casing								
<b>Well Type:</b> Development Well				<b>Job Type:</b> Cement Surface Casing				
<b>Sales Person:</b> HESTON, MYRON				<b>Srvc Supervisor:</b> UNDERWOOD, BILLY				<b>MBU ID Emp #:</b> 159068

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CHENNAULT, WALTER	7	399974	DAVIS, ROBERT T	7	458886	TIRRELL, MICHAEL Edward	7	429195
UNDERWOOD, BILLY Dale	7	159068						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10249493	50 mile	10724645	50 mile	10744563	50 mile	10804573	50 mile
10949719	50 mile	10951586	50 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09-4-09	7	1.5						

**TOTAL** *Total is the sum of each column separately*

### Job

### Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	04 - Sep - 2009	02:00	CST
Form Type		BHST	Job Started	04 - Sep - 2009	06:00	CST
Job depth MD	1100. ft	Job Depth TVD	Job Completed	04 - Sep - 2009	11:50	CST
Water Depth		Wk Ht Above Floor	Job Completed	04 - Sep - 2009	12:20	CST
Perforation Depth (MD)	From	To	Departed Loc	04 - Sep - 2009	13:15	CST

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25				92.	1100.		
Conductor	Unknown		20.	19.166	90.		Unknown	.	92.		
Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1100.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	10	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	3	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	3	EA		
KIT, HALL WELD-A	1	EA		



# Cementing Job Log

**The Road to Excellence Starts with Safety**

<b>Sold To #:</b> 303246		<b>Ship To #:</b> 2743079		<b>Quote #:</b>		<b>Sales Order #:</b> 6878495	
<b>Customer:</b> KEITH WALKER OIL & GAS CO LLC EBUS				<b>Customer Rep:</b> Jones, Barry			
<b>Well Name:</b> Freyja			<b>Well #:</b> 18 #1		<b>API/UWI #:</b> 15-025-21482		
<b>Field:</b>		<b>City (SAP):</b> ASHLAND		<b>County/Parish:</b> Clark		<b>State:</b> Kansas	
<b>Legal Description:</b> Section 18 Township 33S Range 25W							
<b>Lat:</b> N 0 deg. OR N 0 deg. 0 min. 0 secs.				<b>Long:</b> E 0 deg. OR E 0 deg. 0 min. 0 secs.			
<b>Contractor:</b> .KENAI			<b>Rig/Platform Name/Num:</b> 58				
<b>Job Purpose:</b> Cement Surface Casing						<b>Ticket Amount:</b>	
<b>Well Type:</b> Development Well				<b>Job Type:</b> Cement Surface Casing			
<b>Sales Person:</b> HESTON, MYRON			<b>Srvc Supervisor:</b> UNDERWOOD, BILLY			<b>MBU ID Emp #:</b> 159068	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/04/2009 02:30							
Safety Meeting - Service Center or other Site	09/04/2009 04:00							journey management
Arrive at Location from Service Center	09/04/2009 06:00							ASSESS LOCATION
Safety Meeting - Pre Rig-Up	09/04/2009 06:10							USE SPOTTERS- BUDDY SYSTEM- SAFETY HUDDLES
Rig-Up Equipment	09/04/2009 06:15							
Rig-Up Completed	09/04/2009 06:30							STANDBY-RUNNING CASING
Rig-Up Equipment	09/04/2009 09:44							HOOK UP HEAD- CIRCULATE WITH RIG
Safety Meeting - Pre Job	09/04/2009 10:40							JOB AND SAFETY PROCEDURES
Test Lines	09/04/2009 10:50						2000. 0	GOOD TEST
Pump Spacer	09/04/2009 10:52		2.5	10			50.0	FRESH WATER
Pump Lead Cement	09/04/2009 10:56		4	160			100.0	12#/GAL
Pump Tail Cement	09/04/2009 11:32		4	32			150.0	15.6#/GAL
Drop Plug	09/04/2009 11:40							
Pump Displacement	09/04/2009 11:42		4	68			200.0	FRESH WATER
Pump Displacement	09/04/2009 12:06		2				300.0	SLOW RATE
Bump Plug	09/04/2009 12:20						750.0	
Check Floats	09/04/2009 12:22							HOLDING

Sold To # : 303246

Ship To # :2743079

Quote # :

Sales Order # :

6878495

SUMMIT Version: 7.20.130

Friday, September 04, 2009 12:31:00

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	09/04/2009 12:23							
Safety Meeting - Pre Rig-Down	09/04/2009 12:25							
Rig-Down Equipment	09/04/2009 12:30							
Rig-Down Completed	09/04/2009 13:00							
Safety Meeting - Departing Location	09/04/2009 13:05							
Depart Location for Service Center or Other Site	09/04/2009 13:15							

Sold To # : 303246

Ship To # :2743079

Quote # :

Sales Order # : 6878495

SUMMIT Version: 7.20.130

Friday, September 04, 2009 12:31:00

# Cementing Job Log

**The Road to Excellence Starts with Safety**

<b>Sold To #:</b> 303246	<b>Ship To #:</b> 2743079	<b>Quote #:</b>	<b>Sales Order #:</b> 6897831
<b>Customer:</b> KEITH WALKER OIL & GAS CO LLC EBUS		<b>Customer Rep:</b> Jones, Barry	
<b>Well Name:</b> Freyja		<b>Well #:</b> 18 #1	<b>API/UWI #:</b> 15-025-21482
<b>Field:</b>	<b>City (SAP):</b> ASHLAND	<b>County/Parish:</b> Clark	<b>State:</b> Kansas
<b>Legal Description:</b> Section 18 Township 33S Range 25W			
<b>Lat:</b> N 0 deg. OR N 0 deg. 0 min. 0 secs.		<b>Long:</b> E 0 deg. OR E 0 deg. 0 min. 0 secs.	
<b>Contractor:</b> .KENAI		<b>Rig/Platform Name/Num:</b> 58	
<b>Job Purpose:</b> Cement Production Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Production Casing	
<b>Sales Person:</b> HESTON, MYRON		<b>Srvc Supervisor:</b> UNDERWOOD, BILLY <b>MBU ID Emp #:</b> 159068	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/16/2009 16:30							
Safety Meeting - Service Center or other Site	09/16/2009 18:00							JORNEY MANAGEMENT
Depart from Service Center or Other Site	09/16/2009 18:30							BULK COMING OUT OF PAMPA
Arrive at Location from Service Center	09/16/2009 20:00							ASSESS LOCATION
Safety Meeting - Pre Rig-Up	09/16/2009 20:10							WORK SAFE/SAFETY HUDDLES/BUDDY SYSTEM
Rig-Up Equipment	09/16/2009 20:15							
Rig-Up Completed	09/16/2009 20:45							
Other	09/16/2009 21:05							ON BOTTOM-CIRCULATE WITH RIG
Arrive at Location from Service Center	09/16/2009 23:00							BULK TRUCKS ON LOCATION
Safety Meeting - Pre Job	09/16/2009 23:15							JOB AND SAFETY PROCEDURES
Rig-Up Equipment	09/16/2009 23:20							HOOK UP HEAD
Test Lines	09/16/2009 23:48						3500.0	GOOD
Pump Spacer	09/16/2009 23:49		4.5	10			325.0	FRESH WATER
Pump Spacer	09/16/2009 23:52		4.5	25			325.0	CAUSTIC WATER
Pump Spacer	09/16/2009 23:58		4.5	10			325.0	FRESH WATER
Pump Lead Cement	09/17/2009 00:01		5	20			300.0	10#/GAL SCAVENGER
Pump Tail Cement	09/17/2009 00:05		5	100			150.0	14.58#/GAL

Sold To # : 303246

Ship To # :2743079

Quote # :

Sales Order # : 6897831

SUMMIT Version: 7.20.130

Thursday, September 17, 2009 01:56:00

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Clean Lines	09/17/2009 00:25							
Drop Plug	09/17/2009 00:37							
Pump Displacement	09/17/2009 00:38		5	163			50.0	FRESH WATER
Pump Displacement	09/17/2009 01:00		5				800.0	CAUGHT CEMENT
Pump Displacement	09/17/2009 01:16		3.5				1100.0	SLOW RATE
Bump Plug	09/17/2009 01:20						2100.0	
Check Floats	09/17/2009 01:22							HOLDING
Pump Cement	09/17/2009 01:27		2	4			50.0	RAT HOLE
Pump Cement	09/17/2009 01:35		2	7			50.0	MOUSE HOLE
End Job	09/17/2009 01:40							
Safety Meeting - Pre Rig-Down	09/17/2009 01:50							
Rig-Down Equipment	09/17/2009 02:00							
Rig-Down Completed	09/17/2009 02:30							
Safety Meeting - Departing Location	09/17/2009 02:35							
Depart Location for Service Center or Other Site	09/17/2009 02:45							

Sold To # : 303246

Ship To # :2743079

Quote # :

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