



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1082081  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

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

1082081

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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  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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Kelly Danielle 3119 1-23H
Doc ID	1082081

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9141-9480	4906 bbls water, 36 bbls acid, 75M lbs sand, 4910 TLTR	
5	8684-9059	4333 bbls water, 36 bbls acid, 75M lbs sand, 9247 TLTR	
5	8299-8638	4329 bbls water, 36 bbls acid, 75M lbs sand, 13583 TLTR	
5	7912-8216	4332 bbls water, 36 bbls acid, 75M lbs sand, 17890 TLTR	
5	7450-7828	4203 bbls water, 36bbls acid, 75M lbs sand, 22226 TLTR	
5	6998-7341	4186 bbls of water, 36 bbls acid, 75M lbs sand, 26533 TLTR	
5	6630-6940	4197 bbls water, 36 bbls acid, 76M lbs sd, 30840 TLTR	
5	6188-6546	4197 bbls water, 36 bbls acid, 80M lbs sd, 35126 TLTR	
5	5771-6107	4259 bbls water, 36 bbls acid, 74M lbs sd, 39463	
5	5350-5689	4288 bbls water, 36 bbls acid, 74M lbs sd, 43827 TLTR	

Form	ACO1 - Well Completion
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Doc ID	1082081

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	110	Mid-Continent Conductor 8 sack grout	10	none
Surface	12.25	9.63	36	1005	O-Tex Lite Premium Plus, Premium Plus (class C0	620	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	5653	50/50 POZ Premium/ Premium	300	4% gel, .4% C-12, .1% C-37, .5% C-41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9593	50/50 Premium Poz	500	(4% gel) .4% C12, .1% C37, .5% C-41P, 1 lb/sk Phenoseal

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/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 11, 2012

Tiffany Golay  
SandRidge Exploration and Production LLC  
123 ROBERT S. KERR AVE  
OKLAHOMA CITY, OK 73102-6406

Re: ACO1  
API 15-033-21637-01-00  
Kelly Danielle 3119 1-23H  
SW/4 Sec.23-31S-19W  
Comanche 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,  
Tiffany Golay



# Invoice

P.O. Box 1570  
Woodward, OK 73802

Phone: (580)254-5400  
Fax: (580)254-3242

Date	Invoice #
5/24/2012	1336

<b>Bill To</b>
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Jason Harrison	Net 45	5/24/2012	Kelly Danielle 1-23H, Comanche Cnt...	Lariat 45

Item	Quantity	Description
Conductor Hole	105	Drilled 105 ft. conductor hole.
20" Pipe	105	Furnished 105 ft. of 20 inch conductor pipe.
Mouse Hole	80	Drilled 80 ft. mouse hole.
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Mud, Water, & Trucking	1	Transport mud and water to location.
Grout & Trucking	10	Furnished 10 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor & Equip. for dirt removal.
Cover Plate	1	Furnished cover plates
Permits	1	Permits

AFE Number: DC 12083  
 Well Name: Kelly Danielle 1-23H  
 Code: 850-016  
 Amount: \$ 24,420.00  
 Co. Man: Lawrence Rogers  
 Co. Man Sig.: [Signature]  
 Notes: [Signature]

<b>Subtotal</b>	\$24,420.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$24,420.00</b>

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1571</b>	TICKET DATE <b>06/18/12</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Felix Ortiz/Richard Hill</b>	
LEASE NAME <b>Kelly Danielle</b>	Well No. <b>1119 1-231</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME	

EMP NAME					
0.00					
0.00					
0.00					
0.00					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **1000'**

	Called Out	On Location	Job Started	Job Completed
Date	<b>6/23/2012</b>	<b>6/24/2012</b>	<b>6/24/2012</b>	<b>6/24/2012</b>
Time	<b>16:00</b>	<b>04:00</b>	<b>04:20</b>	<b>16:00</b>

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		36#	9 5/8"		Surface		1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	1,000'	Shots/Ft.
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	Lb/Gal
Spacer type	resh Watc BBL.	10	8.33
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	
6/24		6/24		Surface
Total	0.0	Total	0.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Pressures	
MAX 1,500 PSI	AVG _____
Average Rates in BPM	
MAX 6 BPM	AVG _____
Cement Left in Pipe	
Feet	Reason SHOE JOINT

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	270	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	150	Premium Plus (Class C)	2% Calcium Chloride-1/4pps Cello-Flake	6.32	1.32	14.80
3	100	Premium Plus (Class C)	2% Calcium Chloride on side to use if necessary	6.32	1.32	14.80

Preflush	_____	Type: _____	Preflush: BBI	10.00	Type: Fresh Water
Breakdown	_____	MAXIMUM 1,500 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
	_____	Lost Returns-N NO/FULL	Excess /Return BBI		Calc. Disp Bbl _____
	_____	Actual TOC SURFACE	Calc. TOC: _____		Actual Disp. _____
Average	_____	Bump Plug PSI: _____	Final Circ. PSI: _____		Disp:Bbl _____
5 Min	_____	10 Min _____	Cement Slurry: BBI	_____	
		15 Min _____	Total Volume BBI	10.00	

CUSTOMER REPRESENTATIVE Clark Hill SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1601</b>	TICKET DATE <b>06/29/12</b>
COUNTRY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Claud</b>	
LEASE NAME <b>Kelly Danielle</b>	Well No. <b>1119 1-231</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME	

EMP NAME					
0.00					
0.00					
0.00					
0.00					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At 4,295

Bottom Hole Temp. 155 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth 5653

	Called Out	On Location	Job Started	Job Completed
Date				
Time				

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	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		26#	7"		Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 3/4"		Surface	5,653
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Mud Type		9	
Disp. Fluid	Fresh Water	Density	8.33
Spacer type	Fresh Water	BBL	20
Spacer type	Caustic	BBL	10
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

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
				Intermediate
Total	0.0	Total	0.0	

Pressures	
MAX 5,000 PSI	AVG.
MAX 8 BPM	Average Rates in BPM
	AVG
	Cement Left in Pipe
	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
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	100	Premium	0.4% C-12 - 0.1% C-37	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary			
Preflush Breakdown	<u>10</u>	Type: _____	Caustic _____
		MAXIMUM _____	5,000 PSI _____
		Lost Returns _____	NO/FULL _____
		Actual TOC _____	
Average ISIP	5 Min. _____	Bump Plug PSI: _____	15 Min _____
		Final Circ. _____	PSI: _____
		Cement Slurry _____	BBI _____
		Total Volume _____	BBI _____
			20.00

CUSTOMER REPRESENTATIVE Claud Hall SIGNATURE



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1619</b>	TICKET DATE <b>07/07/12</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Claud</b>	
LEASE NAME <b>Kelly Danielle</b>	Well No. <b>1119 1-231</b>	JOB TYPE <b>Liner</b>	EMPLOYEE NAME <b>Matt Wilson</b>	

EMP NAME					
<b>Matt Wilson</b>		<b>0.00</b>			
Arthur Setzar					
Jared Green					
Robert Stonehocker					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **5,663**

Bottom Hole Temp. **150** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **9593**

Date	Called Out <b>7/6/2012</b>	On Location <b>7/7/2012</b>	Job Started <b>7/7/2012</b>	Job Completed <b>7/7/2012</b>
Time	<b>11:00 pm</b>	<b>12:00 pm</b>	<b>2:21 pm</b>	<b>5:00 pm</b>

Type and Size	Qty	Make
Auto Fill Tube	0	<b>Weatherford</b>
Insert Float Val	0	
Centralizers	0	
Top Plug	0	
HEAD	0	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		11.6	4	1/2	5,233'	9,543'
Liner Tool					5,215'	5,233'
HWDP					3,836.33'	5,215'
Drill Pipe			3	1/2"	Surface	3,836.33'
Drill Collars						3,500
Open Hole			6	1/8"	Surface	9,593
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	<b>9.1</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	resh Water BBL.		<b>20</b> 8.33
Spacer type	Caustic BBL.		<b>10</b> 8.40
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
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/7	5.0	7/7	4.0	Liner
Total	5.0	Total	4.0	

Pressures		
MAX	3,500 PSI	AVG 150
Average Rates in BPM		
MAX	8	AVG 4
Cement Left in Pipe		
Feet	91	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	500	50/50 Premium Poz	(4%Gel) - 0.4% C12 - 0.1% C37 - 0.5% C-41P - 1 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

Summary						
Preflush Breakdown	10-	Type: Caustic	Preflush: BBI	20.00	Type: 8.59#SPACER	
		MAXIMUM 3,500 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl - Gal	N/A
		Lost Returns-N	Excess /Return BBI	N/A	Calc. Disp Bbl	119
		Actual TOC 4,697'	Calc. TOC:	4,697'	Actual Disp.	119.00
Average		Bump Plug PSI:	Final Circ. PSI:	750	Disp:Bbl	
ISIP	5 Min.	10 Min.	Cement Slurry: BBI	120.5		
		15 Min.	Total Volume BBI	259.54		

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction	Slot	N / S	E / W	Hole Size	Calculation by	Date			
Kelly Danielle 3119		1.10	Coordinate					9/18/12			
Job Number		Type of Survey	Tie-in Point				Directional Co.				
0											
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up %/100 ft	Walk/ %/100 ft	
						N + / S -	E + / W -				
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>			
0	0	0		0.00	0.00	0.00	0.00				
1164	1	287	1164	1,163.99	1.38	1.48	-4.86	0.04	0.04	24.65	
1633	0	251	469	1,632.97	1.52	1.67	-7.98	0.07	-0.04	-7.68	
2108	1	161	475	2,107.96	-1.64	-1.48	-8.21	0.16	0.08	-18.93	
2584	1	96	476	2,583.93	-4.61	-4.53	-4.37	0.16	0.00	-13.68	
3059	1	109	475	3,058.90	-5.77	-5.79	1.25	0.03	0.00	2.84	
3534	0	141	475	3,533.88	-7.95	-8.04	5.03	0.09	-0.06	6.65	
4009	1	101	475	4,008.86	-9.56	-9.71	8.11	0.07	0.02	-8.51	
4246	1	111	237	4,245.85	-10.15	-10.35	10.29	0.06	0.04	4.39	
4295	1	345	49	4,294.85	-10.03	-10.23	10.47	2.00	-0.20	477.76	
4327	2	348	32	4,326.84	-9.33	-9.53	10.31	5.00	5.00	7.50	
4358	4	347	31	4,357.79	-7.65	-7.84	9.92	7.10	7.10	-1.94	
4390	7	352	32	4,389.64	-4.64	-4.82	9.38	7.62	7.50	14.69	
4422	9	356	32	4,421.35	-0.37	-0.54	8.92	6.77	6.56	12.50	
4453	9	357	31	4,451.97	4.44	4.28	8.59	1.07	0.97	2.90	
4485	11	357	32	4,483.48	9.98	9.82	8.28	5.63	5.63	1.56	
4517	14	357	32	4,514.76	16.72	16.57	7.90	8.13	8.13	-0.94	
4548	16	356	31	4,544.73	24.61	24.47	7.37	8.43	8.39	-3.23	
4580	18	357	32	4,575.28	34.07	33.94	6.77	7.27	7.19	3.75	
4612	20	357	32	4,605.49	44.59	44.48	6.20	5.31	5.31	0.31	
4643	22	358	31	4,634.41	55.73	55.63	5.71	6.54	6.45	2.90	
4675	24	360	32	4,663.81	68.34	68.25	5.43	7.45	7.19	5.00	
4707	27	360	32	4,692.69	82.12	82.03	5.38	6.91	6.88	1.56	
4738	29	1	31	4,720.13	96.55	96.46	5.52	7.60	7.42	#####	
4770	31	1	32	4,747.89	112.45	112.36	5.84	5.63	5.63	0.31	
4802	33	1	32	4,775.10	129.29	129.19	6.22	6.57	6.56	0.63	
4834	34	2	32	4,801.76	147.00	146.89	6.70	5.03	5.00	0.94	
4865	36	2	31	4,827.10	164.84	164.73	7.26	4.85	4.84	0.65	
4897	38	1	32	4,852.66	184.10	183.98	7.68	7.30	6.88	-4.06	
4928	40	360	31	4,876.70	203.66	203.55	7.74	6.97	6.77	1,158.71	
4960	43	359	32	4,900.66	224.86	224.75	7.56	8.22	8.12	-1.88	
4992	46	359	32	4,923.58	247.17	247.08	7.14	9.13	9.06	-1.56	
5023	48	359	31	4,944.70	269.84	269.76	6.65	8.71	8.71	0.32	
5055	50	359	32	4,965.67	293.99	293.93	6.21	4.12	4.06	0.94	
5087	50	359	32	4,986.35	318.40	318.34	5.74	1.00	0.31	-1.25	
5119	50	358	32	5,006.96	342.85	342.81	5.10	1.14	0.63	-1.25	
5150	50	358	31	5,026.91	366.55	366.53	4.35	0.59	-0.32	-0.65	
5182	50	358	32	5,047.46	391.05	391.05	3.54	0.94	0.94	0.00	
5214	50	358	32	5,068.03	415.52	415.55	2.64	1.57	-1.25	-1.25	
5245	50	358	31	5,087.97	439.21	439.26	1.77	1.38	0.97	1.29	
5277	53	358	32	5,107.87	464.24	464.30	0.94	9.06	9.06	0.00	
5308	57	359	31	5,125.63	489.61	489.70	0.26	13.35	13.23	2.26	
5340	61	360	32	5,141.98	517.09	517.19	-0.12	13.61	13.44	2.50	
5372	66	1	32	5,156.21	545.74	545.85	-0.07	14.03	13.75	#####	
5403	68	2	31	5,168.35	574.27	574.36	0.51	8.11	7.42	3.55	
5435	70	2	32	5,179.92	604.10	604.18	1.39	4.38	4.38	0.00	
5465	71	2	30	5,190.05	632.33	632.40	2.28	5.04	5.00	0.67	
5498	74	2	33	5,200.09	663.76	663.82	3.40	7.93	7.88	0.91	
5530	78	2	32	5,208.07	694.74	694.78	4.48	12.25	12.19	-1.25	
5562	80	2	32	5,214.29	726.13	726.15	5.44	8.13	8.12	-0.31	
5593	83	1	31	5,218.97	756.77	756.78	6.27	7.80	7.74	-0.97	
5684	88	2	91	5,226.90	847.38	847.36	9.12	5.56	5.49	0.88	
5715	88	2	31	5,228.23	878.35	878.31	10.26	0.72	0.32	-0.65	
5747	89	2	32	5,229.09	910.33	910.28	11.37	5.31	5.31	0.00	
5779	92	2	32	5,228.87	942.33	942.26	12.46	6.88	6.88	-0.31	
5842	93	2	63	5,226.23	1,005.26	1,005.17	14.49	2.86	2.86	-0.16	
5934	93	1	92	5,220.94	1,097.11	1,096.99	16.50	1.19	0.00	-1.20	







Section 15  
31S 19W

Section 14  
31S 19W

418' FNL

BHL: 9543'  
-99.361903 37.337223

620' FWL

Bottom Perf: 9141'  
-99.361837 37.336191

Section 22  
31S 19W

Section 23  
31S 19W

Top Perf: 5350'  
-99.36166 37.325836

Miss Entry: 5128'  
-99.36162 37.325362

KELLY DANIELLE 3119 1-23H

Section 27  
31S 19W

Section 26  
31S 19W



Actual Bottom-Hole Location of Kelly Danielle 3119 1-23H  
Comanche County, Kansas  
T&R: 31S 19W  
Section: 23, 418' FNL & 620' FWL  
Long Lat: -99.361903 37.337223  
1 in = 650 ft

Draftsman:

Aaron Birk

Draft Date: 9/19/2012

Drawing Name/Number:

Kelly\_Danielle\_3119\_1-23H.mxd

Coordinate System:

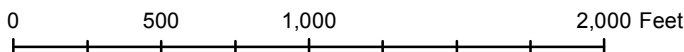
NAD 1927 State Plane  
Kansas South FIPS: 1502

● Actual BH Location

\* SandRidge Wells

--- Perf

□ Sections



Logo

Back to Well Completion

# Kelly Danielle 3119 1-23H (1082081)

**Actions**

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

**Attachments**

Two Year Confidentiality OPERATOR	View PDF Delete
Cement Reports OPERATOR	View PDF Delete
Directional Survey OPERATOR	View PDF Delete
As Drilled Plat OPERATOR	View PDF Delete

[Add Attachment](#)

**Remarks**

Remarks to KCC
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[Add Remark](#)

**Remarks**

Tiffany Golay 09/20/012 10:30 am	Additional Fluid Mgmt Info: 120 bbls hauled to Harmon SWD 1, 11-33S-20W, NW/4, E-22304 Pond 4489, License# 5993, Comanche County, KS; 280bbls hauled to West OK Disposal, Smith Estate, Well #1, 21-23N-21W, Woodward County, OK; 140bbls hauled to German SWD
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Tiffany Golay 09/18/012 02:33 pm	Conductor: 106.5 lbs/ft and set with 10 yds of grout
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