



Confidentiality Requested:

Yes  No

# KANSAS CORPORATION COMMISSION 1172492

## 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: \_\_\_\_\_



1172492

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](mailto: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	Baker Farms 3319 2-19
Doc ID	1172492

Tops

Name	Top	Datum
Heebner	4314	-2335
Lansing	4491	-2512
Marmaton	5015	-3036
Oswego	5053	-3074
Cherokee	5134	-3155
Morrow	5224	-3246
Mississippi	5246	-3267
Kinderhook	6098	-4120
Viola	6120	-4141



**BASIN SERVICES, LLC**  
 P O BOX 4268  
 ABILENE, TX 79608-4268  
 Phone # (325)690-0053  
 Fax # (325)698-0055

# TICKET

TICKET NUMBER: WY-110-1  
 TICKET DATE: 09/02/2013

**ELECTRONIC**

SANDRIDGE ENERGY  
 \*\*\*\*\* DO NOT MAIL!!! \*\*\*\*\*  
 123 ROBERT S KERR AVE  
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK  
 LEASE: BakerFarms 3319  
 WELL#: 2-19  
 RIG #: Horizon 3  
 Co/St: COMANCHE, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
9/2/2013 DRILLED 30" CONDUCTOR HOLE			
9/2/2013 20" CONDUCTOR PIPE (.250 WALL)			
9/2/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING			
9/2/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN			
9/2/2013 DRILLED 20" MOUSE HOLE (PER FOOT)			
9/2/2013 16" CONDUCTOR PIPE (.250 WALL)			
9/2/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
9/2/2013 WELDING SERVICES FOR PIPE & LIDS			
9/2/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
9/2/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
9/2/2013 10 YDS OF 10 SACK GROUT			
9/2/2013 TAXABLE ITEMS			5,500.00
9/2/2013 BID-TAXABLE ITEMS			15,750.00
		Sub Total:	21,250.00
		Tax COMANCHE COUNTY (6.3 %):	346.50
		TICKET TOTAL:	<u>\$ 21,596.50</u>

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature \_\_\_\_\_

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3050</b>	TICKET DATE <b>09/22/13</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Exploration</b>	CUSTOMER REP <b>Greg Rivera</b>	
LEASE NAME <b>Baker Farms 3319</b>	Well No. <b>2-19</b>	JOB TYPE <b>Production</b>	EMPLOYEE NAME <b>ROBERT BURRIS</b>	

EMP NAME	<b>Robert Burris</b>				
	<b>Mike Hall</b>				
	<b>Cheryl Newton</b>				
	<b>DUSTIN ODOM</b>				

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0 \_\_\_\_\_  
 Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **6313**

Date	Called Out	On Location	Job Started	Job Completed
	<b>9/22/2013</b>	<b>9/22/2013</b>	<b>9/22/2013</b>	<b>9/22/2013</b>
Time	<b>02:00</b>	<b>05:00</b>	<b>09:20</b>	<b>11:30</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		<b>17#</b>	<b>5½"</b>		Surface	<b>6,316</b>	<b>5,000</b>
Liner							
Liner							
Tubing			<b>0</b>				
Drill Pipe							
Open Hole			<b>7 7/8"</b>		Surface	<b>6,313</b>	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	<b>8.33</b>	
Spacer type	GEL BBL.	<b>30</b>	<b>9.00</b>
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

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>9/22</b>	<b>5.5</b>	<b>9/22</b>	<b>1.1</b>	Production
Total	<b>5.5</b>	Total	<b>1.1</b>	

Pressures			
MAX	<b>5.000 PSI</b>	AVG	<b>550</b>
Average Rates in BPM			
MAX	<b>8 BPM</b>	AVG	<b>4.5</b>
Cement Left in Pipe			
Feet	<b>90</b>	Reason	<b>SHOE JOINT</b>

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>395</b>	<b>50/50 Poz Premium</b>	<b>2% Gel - 0.2% FL-17 - 0.4% C-41P</b>			
<b>2</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>3</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>

Summary					
Preflush	_____	Type:	_____	Preflush:	BBI <b>30.00</b>
Breakdown	_____	MAXIMUM	<b>5.000 PSI</b>	Load & Bkdn:	Gal - BBI <b>N/A</b>
	_____	Lost Returns-N	<b>NO/FULL</b>	Excess /Return	BBI <b>N/A</b>
	_____	Actual TOC	<b>4.351</b>	Calc. TOC:	<b>4.351</b>
Average	_____	Bump Plug PSI:	<b>1.250</b>	Final Circ.	PSI: <b>725</b>
ISIP	<b>5 Min.</b>	10 Min	_____	Cement Slurry:	BBI <b>89.0</b>
		15 Min	_____	Total Volume	BBI <b>264.00</b>

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

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3028</b>	TICKET DATE <b>09/12/13</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Greg Rivera</b>	
LEASE NAME <b>Baker Farms 3319</b>	Well No. <b>2-19</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>NATHAN COTTA</b>	

EMP NAME					
NATHAN COTTA	0				
VONTREY W					
WALLACE B					
DUSTIN O					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **500'**

Date	Called Out	On Location	Job Started	Job Completed
	<b>9.12.13</b>	<b>9.12.13</b>	<b>9.12.13</b>	<b>9.12.13</b>
Time	<b>600</b>	<b>1200</b>	<b>1810</b>	<b>1930</b>

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		24#	8 7/8"		Surface	503'
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	500'
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	Lb/Gal
Spacer type	resh Water	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

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9.12.13	7.5	9.12.13	2.0	Surface
Total	7.5	Total	2.0	

Pressures			
MAX	1,500 PSI	AVG	100
Average Rates in BPM			
MAX	5 BPM	AVG	4
Cement Left in Pipe			
Feet	46	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	400	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
2	0	0		0.00	0.00	0.00
3	0	0		0.00	0.00	0.00

Summary					
Preflush	_____	Type: _____	Preflush: BBI	10.00	Type: Fresh Water
Breakdown	_____	MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
	_____	Lost Returns-N	Excess /Return BBI	35	Calc. Disp Bbl 29
	_____	Actual TOC	Calc. TOC:	SURFACE	Actual Disp. 29.00
Average	_____	Bump Plug PSI:	Final Circ. PSI:	200	Disp:Bbl 29.00
5 Min	_____	10 Min	Cement Slurry: BBI	94.0	
	_____	15 Min	Total Volume BBI	133.00	

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



Spud: 9/11/2013

Current

Field  
County Comanche  
State Kansas  
Well Baker Farms 3319 2-19  
SH Location SEC 19 - T33S - R19W  
Elevations 1977' KB, 1968' GL

Wellbore Schematic

15033217290000  
API No.

Original Completion	
Current	X
Workover	
Proposed	

Well Bore Data

MD

