



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: _____



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> <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Kristine 3507 1-18
Doc ID	1160725

Tops

Name	Top	Datum
Base Heebner	3515	-2195
Lansing	3890	-2570
Cottage Grove	4145	-2825
Oswego	4485	-3165
Cherokee	4610	-3290
Verdigris	4645	-3327
Mississippi	4805	-3485
Kinderhook	5250	-3930
Woodford	5320	-4000

JOB SUMMARY

COUNTY <u>Harper</u> State <u>Kansas</u> COMPANY <u>Bridge Exploration & Produc</u>	PROJECT NUMBER <u>SOK 2773</u>	TICKET DATE <u>06/13/13</u>
LEASE NAME <u>Kristine 3507</u> Well No. <u>1-18</u> JOB TYPE <u>Surface</u>	CUSTOMER REP <u>Ed Noreuill</u>	
EMP NAME <u>L. ARNEY</u>	EMPLOYEE NAME <u>LOUIS ARNEY</u>	

L. ARNEY	0		
M. QUINTANA			
D. TEWELL			
K. JOHNSON			

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 850

Date	Called Out	On Location	Job Started	Job Completed
	<u>6/12/2013</u>	<u>6/13/2013</u>	<u>6/13/2013</u>	<u>6/13/2013</u>
Time	<u>2100</u>	<u>0500</u>	<u>1334</u>	<u>1545</u>

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			From	To	Max. Allow
	New/Used	Weight	Size Grade			
Casing		<u>24#</u>	<u>8 7/8"</u>	Surface	850	1,500
Liner						
Liner						
Tubing			<u>0</u>			
Drill Pipe						
Open Hole			<u>12 1/4"</u>	Surface	850	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	<u>WBM</u>	Density	<u>9</u> Lb/Gal
Disp. Fluid	<u>Fresh Water</u>	Density	<u>8.33</u> Lb/Gal
Spacer type	<u>resh Water</u>	BBL.	<u>10</u> 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
Perfpac Balls		Qty.	
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<u>6/13</u>	<u>10.5</u>	<u>6/13</u>	<u>2.3</u>	Surface
Total	<u>10.5</u>	Total	<u>2.3</u>	

MAX	<u>1,500 PSI</u>	AVG.	<u>100</u>
MAX	<u>6 BPM</u>	AVG	<u>4</u>
Feet	<u>46</u>	Cement Left in Pipe	<u>Reason SHOE JOINT</u>

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
<u>1</u>	<u>390</u>	<u>EX Lite Premium Plus 65</u>	<u>(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P</u>	<u>10.88</u>	<u>1.84</u>	<u>12.70</u>
<u>2</u>	<u>140</u>	<u>Premium Plus (Class C)</u>	<u>2% Calcium Chloride - 1/2pps Cello-Flake</u>	<u>6.32</u>	<u>1.32</u>	<u>14.80</u>
<u>3</u>	<u>*100</u>	<u>Premium Plus (Class C)</u>	<u>*2% Calcium Chloride on side to use if necessary</u>	<u>*6.32</u>	<u>*1.32</u>	<u>*14.8</u>

Summary			
Preflush Breakdown	Type: _____	MAXIMUM _____	1,500 PSI
	Lost Returns-N	NO/FULL	
Average	Actual TOC	SURFACE	
ISIP _____ 5 Min.	Bump Plug PSI:	130	
	10 Min.	15 Min.	
Preflush:	BBI	<u>10.00</u>	Type: <u>Fresh Water</u>
Load & Bkdn:	Gal - BBI	<u>N/A</u>	Pad:Bbl -Gal <u>N/A</u>
Excess /Return	BBI	<u>21</u>	Calc. Disp Bbl <u>49</u>
Calc. TOC:		<u>SURFACE</u>	Actual Disp. <u>49.00</u>
Final Circ.	PSI:	<u>130</u>	Disp:Bbl _____
Cement Slurry:	BBI	<u>161.0</u>	
Total Volume	BBI	<u>220.00</u>	

CUSTOMER REPRESENTATIVE Ed Noreuill SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 2815	TICKET DATE 06/25/13
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP 0	
LEASE NAME Kristine 3507	Well No. 1-18	JOB TYPE Kick Off Plug	EMPLOYEE NAME Arthur Setzer	

EMP NAME									
Arthur Setzer									
Jared Green									
David Thomas									
Robert Stonehocker									

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0
 Bottom Hole Temp. _____ 125 Pressure _____
 Retainer Depth _____ Total Depth _____ 4,765'

	Called Out	On Location	Job Started	Job Completed
Date	6/25/2013	6/25/2013	6/25/2013	6/25/2013
Time	0400	1100	1400	1600

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	Max. Allow
Casing		0.0	0		Surface	4,770	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			7 7/8"		Surface	4,765'	Shots/Ft.
Perforations							
Perforations							
Perforations							

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/25	4.0	6/25	4.0	Kick Off Plug
Total	4.0	Total	4.0	

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

Pressures	
MAX	5,000 PSI
AVG.	50
Average Rates in BPM	
MAX	8 BPM
AVG.	4
Cement Left in Pipe	
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	165	Premium (Class H)	0.3% C-37	3.90	0.99	17.00
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	10	Type: Caustic	Preflush: BBI	30.00	Type: 0
		MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
		Lost Returns-NO/FULL	Excess /Return BBI	N/A	Calc. Disp Bbl 60
		Actual TOC	Calc. TOC:		Actual Disp. 60.00
Average		Bump Plug PSI:	Final Circ. PSI:		Disp:Bbl 60.00
IS/P	5 Min.	10 Min.	15 Min.		
			Cement Slurry: BBI		
			Total Volume BBI	90.00	

CUSTOMER REPRESENTATIVE _____

 SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2830	TICKET DATE 06/29/13
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Tim Mills	
LEASE NAME Kristine 3507	Well No. 1-18	JOB TYPE Production	EMPLOYEE NAME ROBERT BURRIS	

EMP NAME	Robert Burris	0					
	Mike Hall						
	Frank Reeves						
	Cheryl Newton						

Form. Name _____ Type: _____

Packer Type _____ Set At _____ 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 4825

Date	Called Out 6/29/2013	On Location 6/29/2013	Job Started 6/29/2013	Job Completed 6/29/2013
Time	08:00	10:30	15:48	18:00

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 Max. Allow
Casing		17#	5 1/2"		Surface 4,826 5,000
Liner					
Liner					
Tubing			0		
Drill Pipe					
Open Hole			7 1/2"	Surface	4,821 Shots/Ft.
Perforations					
Perforations					
Perforations					

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	BARITE BBL.	15	10.00
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	
6/29	8.0	6/29	0.8	Production
Total	8.0	Total	0.8	

Pressures			
MAX	5,000 PSI	AVG	125
Average Rates in BPM			
MAX	8 BPM	AVG	4.5
Cement Left in Pipe			
Feet	85	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	150	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary							
Preflush	_____	Type: _____	Preflush: BBI	15.00	Type: 10ppg Barite Spacer		
Breakdown	_____	MAXIMUM	5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A
	_____	Lost Returns-N	NO/FULL	Excess /Return BBI	N/A	Calc.Disp Bbl	110
	_____	Actual TOC	3.595	Calc. TOC:	3.595	Actual Disp.	110.00
Average	_____	Bump Plug PSI:	1.275	Final Circ. PSI:	700	Disp:Bbl	
ISIP	5 Min. _____	10 Min. _____	15 Min. _____	Cement Slurry: BBI	60.0		
				Total Volume BBI	185.00		

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____



Standard Wellpath Report
 Sandridge
 Sec 18 - 35S - 7W, Kansas
 Harper County
 Wellbore: Kristine 3507 1-18 (Actual)

Wellbore

Name	Created	Last Revised
Kristine 3507 1-18 (Actual)	25-Jun-2013	1-Jul-2013

Well

Name	Government ID	Last Revised
Kristine 3507 1-18		25-Jun-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Kristine 3507 1-18	122423.0000	2113375.0000	N37 0 8.0377	W98 6 42.4579	0.00N	0.00E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2113375.0000	122423.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 18 - 35S - 7W	2113375.0000	122423.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments
FINAL Surveys MD 4821 is a projection to bit @ TD



Standard Wellpath Report
 Sandridge
 Sec 18 - 35S - 7W, Kansas
 Harper County
 Wellbore: Kristine 3507 1-18 (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
4517.00	0.00	0.000	4517.00	0.00N	0.00E		0.00	2113375.00	122423.00
4535.00	0.20	29.100	4535.00	0.03N	0.02E	1.11	0.03	2113375.02	122423.03
4566.00	1.10	359.600	4566.00	0.37N	0.04E	3.00	0.37	2113375.04	122423.37
4598.00	2.70	359.200	4597.98	1.43N	0.03E	5.00	1.43	2113375.03	122424.43
4629.00	4.30	3.600	4628.92	3.32N	0.09E	5.23	3.32	2113375.09	122426.32
4661.00	4.40	5.000	4660.83	5.74N	0.27E	0.46	5.74	2113375.27	122428.74
4693.00	4.70	359.000	4692.73	8.28N	0.36E	1.76	8.28	2113375.36	122431.28
4725.00	5.50	358.500	4724.60	11.12N	0.29E	2.50	11.12	2113375.29	122434.12
4756.00	6.00	357.600	4755.44	14.22N	0.19E	1.64	14.22	2113375.19	122437.23
4775.00	6.30	354.600	4774.34	16.25N	0.05E	2.31	16.25	2113375.05	122439.26
4821.00	6.30	354.600	4820.06	21.28N	0.43W	==>	21.28	2113374.57	122444.28

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Kristine 3507 1-18 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 0.000 degrees
 Bottom hole distance is 21.28 Feet on azimuth 358.85 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 1-Jul-2013



Standard Wellpath Report
Sandridge
Sec 18 - 35S - 7W, Kansas
Harper County
Wellbore: Kristine 3507 1-18 (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
4821.00	4820.06	21.28N	0.43W	Projection to bit @ TD

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Kristine 3507 1-18 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 0.000 degrees
Bottom hole distance is 21.28 Feet on azimuth 358.85 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 1-Jul-2013

Sandridge

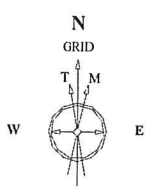
Location Kansas		Installation Harper County		
Field Sec 18 - 35S - 7W		Well Kristine 3507 1-18		
Installation Data				
Name	Latitude	Longitude	Northing	Easting
Harper County	N37 0 8.04	W98 6 42.46	122423.00	2113375.00
Coordinate System				
Kansas State Planes, Southern Zone				
Slot Data				
Name	North [ft]	East [ft]	Latitude	Longitude
Kristine 3507 1-18	-0.00 N	0.00 E	N37 0 8.04	W98 6 42.46
Elevation Data				
Slot - Mean Sea Level [ft]	Mean Sea Level/Ground level [ft]	Slot - Mudline/Ground level [ft]		
0.00	0.00	0.00		

WELL DATA				
ID	Slot	Well	Wellbore	Wellpath
A331840	Kristine 3507 1-18	Kristine 3507 1-18	Kristine 3507 1-18 (Actual)	Kristine 3507 1-18 (AWP#1)
P331826	Kristine 3507 1-18	Kristine 3507 1-18	Kristine 3507 1-18 (PWB)	Kristine 3507 1-18 (PWP#1)

TARGET DATA

MD	Inc	Azi	TVD	North	East	Name	Position
4460.00	0.00	0.00	4460.00	0.00	0.00	KOP	2113375.00 East : 122423.00 North
4560.08	4.00	0.00	4560.00	3.49	0.00	4 Degree Build	2113375.00 East : 122426.49 North
4820.72	4.00	0.00	4820.00	21.67	0.00	BHL	2113375.00 East : 122444.67 North

Created by admin
 Date plotted 1-Jul-2013
 Plot reference is Kristine 3507 1-18 (PWB).
 Ref wellpath is Kristine 3507 1-18 (PWP#1).
 Coordinates are in feet reference Kristine 3507 1-18.
 True Vertical Depths are reference Kristine 3507 1-18.
 Measured Depths are reference Slot.
 Plot North is aligned to GRID North.



25-Jun-2013
 IGRF Model [1900.0-2015.0] Dip: 65.11 deg Field: 51688.8 nT
 Magnetic North is 4.51 deg East of True North
 GRID North is 0.24 deg East of True North
 To correct azimuth from True to GRID subtract 0.24 deg
 To correct azimuth from Magnetic to GRID add 4.27 deg

