Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1091841

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 # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Tiffany Golay
Phone: (405) 429-6543
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: Tammy Alcorn
Purchaser: Atlas (gas) Plains Marketing, LP (oil)

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 #:

7/27/2012	8/25/2012	8/28/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23919-01-00
Spot Description:
NE - NW - NE - NE Sec. 10 Twp. 35 S. R. 10 ☐ East ☑ West
200 Feet from ☑ North / ☐ South Line of Section
760 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barber
Lease Name: Jennie 3510 Well #: 2-10H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1299 Kelly Bushing: 1319
Total Vertical Depth: 9161 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 920 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: 25000 ppm Fluid volume: 1960 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Gray Mud Disposal
Lease Name: Unnamed License #: 99999
Quarter SW Sec. 15 Twp. 24 S. R. 7 ☐ East ☑ West
County: Garfield, OK Permit #: 323003

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: 11/20/2012
☑ **Confidential Release Date:** 11/20/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 11/26/2012

1091841

Operator Name: SandRidge Exploration and Production LLC Lease Name: Jennie 3510 Well #: 2-10H

Sec. 10 Twp. 35 S. R. 10 ☐ East ☑ West County: Barber

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Spectral Density Dual Space Neutron Gamma Ray Memory Log
Array Induction Gamma Ray Memory Log
Mud Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Base Heebner	3643	
Tonkawa	3950	
Cottage Grove	4230	
Oswego Limestone	4530	
Cherokee Group	4627	
Verdigris Limestone	4658	
Mississippi Lime	4758	

CASING RECORD ☑ New ☐ 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 9/19/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jennie 3510 2-10H
Doc ID	1091841

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8648-9086	4624 bbls of water, 36 bbls acid, 75M lbs sand, 4660 TLTR	
5	8228-8570	4222 bbls of water, 36 bbls acid, 75M lbs sand, 9058 TLTR	
5	7758-8116	4220 bbls of water, 36 bbls acid, 75M lbs sand, 13452 TLTR	
5	7241-7612	4256 bbls of water, 36 bbls acid, 76M lbs sand, 17744 TLTR	
5	6870-7140	4245 bbls of water, 36 bbls acid, 75M lbs sand, 22025 TLTR	
5	6360-6712	4151 bbls of water, 36 bbls acid, 75M lbs sand, 26212 TLTR	
5	5890-6236	4208 bbls of water, 36 bbls acid, 75M lbs sand, 30456 TLTR	
5	5398-5792	4157 bbls of water, 36 bbls acid, 74M lbs sand, 35135 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jennie 3510 2-10H
Doc ID	1091841

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	20	20	75	100	Mid-Continent Conductor 8 sack grout	10	none
Surface	12.25	9.63	36	920	O-Tex Lite Premium Plus and Premium Plus (Class C)	545	(6% Gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	5390	50/50 Poz Premium/ Premium	350	4% gel, .4% C-12, .1% C-37, .5% C-41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9210	50/50 Poz Premium	285	4% gel, .4% C12, .1% C37, .5% C41P, 1 lb/sk Phenoseal

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

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

August 27, 2012

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

Re: ACO1
API 15-007-23919-01-00
Jennie 3510 2-10H
NE/4 Sec.10-35S-10W
Barber 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

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802

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

Date	Invoice #
7/24/2012	1414

Bill To
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
Joe Turner	Net 45	7/24/2012	Jennie 2-10H, Barber Cnty, KS	Lariat 39

Item	Quantity	Description
Conductor Hole	100	Drilled 100 ft. conductor hole
20" Pipe	100	Furnished 100 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 6' X 6' cellar hole
6' X 6' Tinhorn	1	Furnished and set 6' X 6' tinhorn
Mud and Water	1	Furnished mud and water
Transport Truck - Conductor	1	Transport mud and water to location
Grout & Trucking	10	Furnished grout and trucking to location
Grout Pump	1	Furnished grout pump
Welder & Materials	1	Furnished welder and materials
Dirt Removal	1	Furnished labor and equipment for dirt removal
Cover Plate	1	Furnished cover plates
Permits	1	Permits

Number: DC 12107
Well Name: Jennie 351D 2-10H
Code: 850-010
Amount: $18,550.00
Co. Man: Harold Roller
Co. Man Sig.: Harold Roller

Subtotal	$18,550.00
Sales Tax (0.0%)	$0.00
Total	$18,550.00

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1706	07/30/12

COUNTY	State	COMPANY	CUSTOMER REP
BARBER	KANSAS	dridge Exploration & Produc	HAROLD ROLLER

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
JENNIE	3510 2-10H	Surface	NATHAN COTTA

EMP NAME							
NATHAN COTTA		0					
MIKE CHALFANT							
JAMES KEEN							
DANIEL							

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 950'

	Called Out	On Location	Job Started	Job Completed
Date	7.31.12	7.31.12	7.31.12	7.31.12
Time	030	330	418	526

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	Max. Allow
Casing		36#	9 5/8"	Surface		1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"	Surface	950'	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 Wate	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	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
7.31.12	3.0
Total	3.0

Operating Hours

Date	Hours
7.31.12	1.0
Total	1.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG. 200

Average Rates in BPM

MAX 5 BPM AVG 4

Cement Left in Pipe

Feet 42 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	325	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	120	Premium Plus (Class C)	1% 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

Summary

Preflush	Type:		Preflush: BBl	10.00	Type: Fresh Water
Breakdown	MAXIMUM	1,500 PSI	Load & Bkdn: Gal - BBl	N/A	Pad:Bbl -Gal N/A
	Lost Returns-N	NO/FULL	Excess /Return BBl	19	Calc.Disp Bbl 68
	Actual TOC	SURFACE	Calc. TOC:	SURFACE	Actual Disp. 68.00
Average	Bump Plug PSI:	900	Final Circ. PSI:	400	Disp:Bbl 68.00
ISIP _____ 5 Min. _____	10 Min _____	15 Min _____	Cement Slurry BBl	134.0	
			Total Volume BBl	212.00	

CUSTOMER REPRESENTATIVE X Harold Roller

SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 1733	08/06/12

COUNTY	State	COMPANY	CUSTOMER REP
Barber	KANSAS	Sandridge Exploration & Production	Harold Roller

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Jennie	1510 2-10I	Intermediate	NATHAN COTTA

EMP NAME							
NATHAN COTTA		0					
MIKE CHALFANT							
JAMES KEEN							
DANNY T.							

Form. Name _____ Type: _____

Packer Type _____ Set At 3,940

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 5415

	Called Out	On Location	Job Started	Job Completed
Date	8.7.12	8.7.12	8.7.12	8.7.12
Time	1200	1600	2205	2336

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		26#	7"		Surface		5,000
Liner							
Liner							
Tubing				0			
Drill Pipe							
Open Hole			8 3/4"		Surface	5,415	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	WBM	Density 9	Lb/Gal	
Disp. Fluid	Fresh Water	Density 8.33	Lb/Gal	
Spacer type	resh Wate	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	
Frlc. Red.		Gal/Lb	In	
MISC.		Gal/Lb	In	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
8.7.12	7.0
Total	7.0

Operating Hours

Date	Hours
8.7.12	1.0
Total	1.0

Description of Job

Intermediate

Pressures

MAX 3500 PSI AVG 400

Average Rates in BPM

MAX 6.5 BPM AVG 5

Cement Left in Pipe

Feet 92 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	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	0.00

Summary

Preflush	30	Type:	Caustic	Preflush:	BBl	30.00	Type: WEIGHTED SP.
Breakdown		MAXIMUM	3500 PSI	Load & Bkdn:	Gal - BBl	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBl	N/A	Calc.Disp Bbl 203
		Actual TOC		Calc. TOC:		3,740	Actual Disp. 203.00
Average		Bump Plug PSI:		Final Circ.	PSI:	800	Disp:Bbl 203.00
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBl	85.0	
				Total Volume	BBl	318.00	

CUSTOMER REPRESENTATIVE X Harold Roller

SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1812	08/27/12

COUNTY	State	COMPANY	CUSTOMER REP
BARBER	KANSAS	dridge Exploration & Produc	HAROLD ROLLER

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
JENNIE 3510	2-10H	Liner	ROBERT BURRIS

EMP NAME							
Robert Burris		0.00					
Bryan Douglas							
Rocky Anthis							
Jessie McClain							

Form. Name _____ Type: _____

Packer Type _____ Set At 5,390

Bottom Hole Temp. 150 Pressure _____

Retainer Depth _____ Total Depth 9210

	Called Out	On Location	Job Started	Job Completed
Date	8/27/2012	8/27/2012	8/27/2012	8/27/2012
Time	11:30	14:00	1853	2030

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	Weatherford
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	Max. Allow
Casing		11.6	4 1/2	5,233'	9,543'	3,500
Liner Tool				5,215'	5,233'	3,500
HWDP				3,836.33'	5,215'	3,500
Drill Pipe			3 1/2"	Surface	3,836.33'	3,500
Drill Collars						3,500
Open Hole			6 1/8"	Surface	9,210	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	WBM	Density	9.1	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	Gel	BBL.	30	8.59
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				
Other				

Hours On Location

Date	Hours
8/27	7.0
Total	7.0

Operating Hours

Date	Hours
8/27	2.0
Total	2.0

Description of Job

Liner

Pressures

MAX 5000 PSI AVG. 1275

Average Rates in BPM

MAX 6 BPM AVG 4

Cement Left in Pipe

Feet 94 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	285	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	0.00
3	0	0	0	0.00	0.00	0.00

Summary

Preflush		Type:		Preflush:	BBl	30.00	Type: 8.59#SPACER
Breakdown		MAXIMUM	3,500 PSI	Load & Bkdn:	Gal - BBl	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBl	N/A	Calc.Disp Bbl 97
		Actual TOC	6,596	Calc. TOC:		6,596	Actual Disp. 97.00
Average		Bump Plug PSI:	4,550	Final Circ.	PSI:	650	Disp:Bbl
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBl	73.0	
				Total Volume	BBl	200.00	

CUSTOMER REPRESENTATIVE _____

SIGNATURE

SANDRIDGE
THE POWER OF US

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

Survey
JENNIE 3510 2-10H

Step #1 - Create a Deviation Survey
#2 - Attach the survey "Description" to the Wellbore - Deviation Survey

Step

Wellbores - Step #2

Actual Deviation Survey	Wellbore Name
Deviation Surveys, Proposed? No	Original Hole

Deviation Surveys - Step #1

Description	Date	VS Dir (°)	Comment

Tie-in Data

Azimuth North Type	Convergence (°)	Declination (°)	MD Tie In (ftKB)	Azimuth Tie In (°)	Inclination Tie In (°)	TVDTie In (ftKB)	NSTie In (ft)	EWTie In (ft)

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)

Actual Deviation Survey	Wellbore Name
Sidetrack 1 Surveys, Proposed? <proposed>	Sidetrack 1

Deviation Surveys - Step #1

Description	Date	VS Dir (°)	Comment
Sidetrack 1 Surveys	8/17/2012		

Tie-in Data

Azimuth North Type	Convergence (°)	Declination (°)	MD Tie In (ftKB)	Azimuth Tie In (°)	Inclination Tie In (°)	TVDTie In (ftKB)	NSTie In (ft)	EWTie In (ft)

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
1,604	1.4	43.50			1,604	-14	14.21	13.49	0.09
2,080	1.0	39.70			2,080	-21	21.63	20.14	0.09
2,556	0.7	43.00			2,556	-27	26.95	24.78	0.06
3,032	0.5	346.80			3,032	-31	31.10	26.29	0.12
3,509	1.0	2.70			3,509	-37	37.28	26.01	0.11
3,890	0.2	311.10			3,890	-41	41.04	25.67	0.23
3,921	0.2	283.70			3,921	-41	41.09	25.57	0.31
3,953	2.6	199.10			3,953	-40	40.42	25.28	8.09
3,984	6.0	196.90			3,983	-38	38.20	24.58	10.98
4,016	9.0	196.50			4,015	-34	34.20	23.38	9.38
4,048	12.5	196.70			4,047	-28	28.48	21.68	10.94
4,080	15.1	196.20			4,078	-21	21.16	19.52	8.13
4,111	17.4	192.50			4,107	-13	12.76	17.39	8.13
4,143	19.6	189.80			4,138	-3	2.80	15.44	7.38
4,175	21.3	189.40			4,168	8	-8.23	13.57	5.33
4,206	22.7	186.70			4,197	20	-19.72	11.96	5.57
4,238	24.6	185.00			4,226	33	-32.49	10.66	6.31
4,270	27.1	184.60			4,255	46	-46.40	9.49	7.83
4,302	29.6	182.30			4,283	62	-61.56	8.59	8.52
4,333	32.1	181.00			4,309	78	-77.45	8.14	8.35
4,365	34.5	179.00			4,336	95	-95.01	8.15	8.25
4,397	37.1	179.90			4,362	114	-113.73	8.32	8.29
4,429	38.9	179.00			4,387	134	-133.43	8.52	5.89
4,460	41.2	178.60			4,411	153	-153.37	8.93	7.47
4,492	43.2	178.80			4,435	175	-174.86	9.42	6.26
4,524	44.5	179.20			4,458	197	-197.02	9.81	4.15
4,556	45.3	180.20			4,481	220	-219.61	9.92	3.33
4,587	46.1	179.70			4,502	242	-241.80	9.94	2.83
4,619	47.8	179.50			4,524	265	-265.18	10.11	5.33
4,651	49.4	180.20			4,545	289	-289.18	10.17	5.26
4,683	49.7	181.10			4,566	314	-313.53	9.89	2.34
4,746	48.8	179.60			4,607	361	-361.25	9.60	2.30
4,778	48.5	179.40			4,628	385	-385.27	9.81	1.05
4,810	48.0	178.40			4,650	409	-409.14	10.26	2.81
4,841	47.4	178.30			4,670	432	-432.06	10.92	1.95
4,873	49.0	178.00			4,692	456	-455.90	11.69	5.05

SANDRIDGE
THE POWER OF US

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

Survey
JENNIE 3510 2-10H

Step #1 - Create a Deviation Survey
#2 - Attach the survey "Description" to the Wellbore - Deviation Survey

Step

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
4,905	52.1	179.30			4,712	481	-480.60	12.27	10.18
4,937	55.7	180.60			4,731	507	-506.45	12.29	11.72
4,968	59.0	181.30			4,748	533	-532.55	11.85	10.81
5,000	62.9	181.60			4,763	561	-560.51	11.14	12.22
5,032	66.2	181.10			4,777	589	-589.39	10.46	10.41
5,064	69.5	180.20			4,789	619	-619.02	10.13	10.64
5,095	72.1	179.70			4,799	648	-648.30	10.16	8.52
5,127	74.6	179.60			4,808	679	-678.95	10.34	7.82
5,159	77.5	179.00			4,816	710	-710.00	10.72	9.24
5,191	79.8	178.30			4,822	741	-741.36	11.46	7.50
5,222	81.5	178.60			4,827	772	-771.94	12.29	5.57
5,254	81.9	178.80			4,832	804	-803.60	13.01	1.39
5,285	83.7	179.96			4,836	834	-834.35	13.34	7.00
5,453	88.2	191.30			4,848	1,001	-1,000.80	-3.11	7.24
5,485	88.3	188.40			4,849	1,032	-1,032.31	-8.58	9.06
5,580	88.9	187.80			4,851	1,126	-1,126.34	-21.97	0.89
5,675	88.9	189.00			4,853	1,220	-1,220.30	-35.84	1.26
5,769	89.7	185.80			4,854	1,313	-1,313.50	-47.95	3.51
5,864	89.1	184.60			4,855	1,408	-1,408.10	-56.55	1.41
5,959	90.5	184.10			4,855	1,502	-1,502.82	-63.76	1.56
5,991	90.6	184.20			4,855	1,534	-1,534.74	-66.08	0.44
6,023	91.1	183.90			4,855	1,566	-1,566.65	-68.34	1.82
6,054	91.4	183.90			4,854	1,597	-1,597.57	-70.44	0.97
6,086	92.0	183.60			4,853	1,629	-1,629.49	-72.54	2.10
6,117	92.1	183.60			4,852	1,660	-1,660.41	-74.48	0.32
6,149	92.0	183.60			4,851	1,692	-1,692.33	-76.49	0.31
6,180	91.3	183.40			4,850	1,722	-1,723.26	-78.38	2.35
6,212	91.4	182.30			4,849	1,754	-1,755.21	-79.97	3.45
6,244	91.2	180.80			4,848	1,786	-1,787.19	-80.84	4.73
6,276	91.3	181.10			4,848	1,818	-1,819.17	-81.37	0.99
6,308	91.6	179.80			4,847	1,850	-1,851.16	-81.62	4.17
6,339	92.0	179.40			4,846	1,881	-1,882.15	-81.40	1.82
6,371	92.1	179.00			4,845	1,913	-1,914.12	-80.96	1.29
6,395	91.7	178.20			4,844	1,937	-1,938.10	-80.37	3.73
6,426	91.7	177.40			4,843	1,968	-1,969.06	-79.18	2.58
6,456	91.6	177.20			4,842	1,998	-1,999.02	-77.77	0.75
6,487	91.1	176.80			4,841	2,029	-2,029.97	-76.15	2.07
6,517	90.4	176.40			4,841	2,059	-2,059.91	-74.37	2.69
6,548	89.9	176.30			4,841	2,090	-2,090.85	-72.39	1.64
6,639	89.5	176.20			4,841	2,181	-2,181.65	-66.44	0.45
6,730	90.1	175.70			4,842	2,272	-2,272.42	-60.01	0.86
6,823	89.1	176.40			4,842	2,365	-2,365.20	-53.61	1.31
6,914	91.4	177.40			4,842	2,456	-2,456.06	-48.69	2.76
7,005	91.0	177.50			4,840	2,546	-2,546.95	-44.64	0.45
7,101	90.1	177.20			4,839	2,642	-2,642.84	-40.20	0.99
7,196	89.7	177.10			4,839	2,737	-2,737.72	-35.48	0.43
7,291	90.7	177.00			4,839	2,832	-2,832.59	-30.59	1.06
7,386	91.0	177.40			4,838	2,927	-2,927.47	-25.95	0.53
7,482	91.5	176.90			4,835	3,023	-3,023.33	-21.18	0.74
7,577	89.5	176.30			4,835	3,118	-3,118.15	-15.54	2.20
7,671	90.0	175.80			4,835	3,212	-3,211.93	-9.07	0.75
7,766	90.1	176.70			4,835	3,307	-3,306.72	-2.85	0.95

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Survey
JENNIE 3510 2-10H

Step #1 - Create a Deviation Survey
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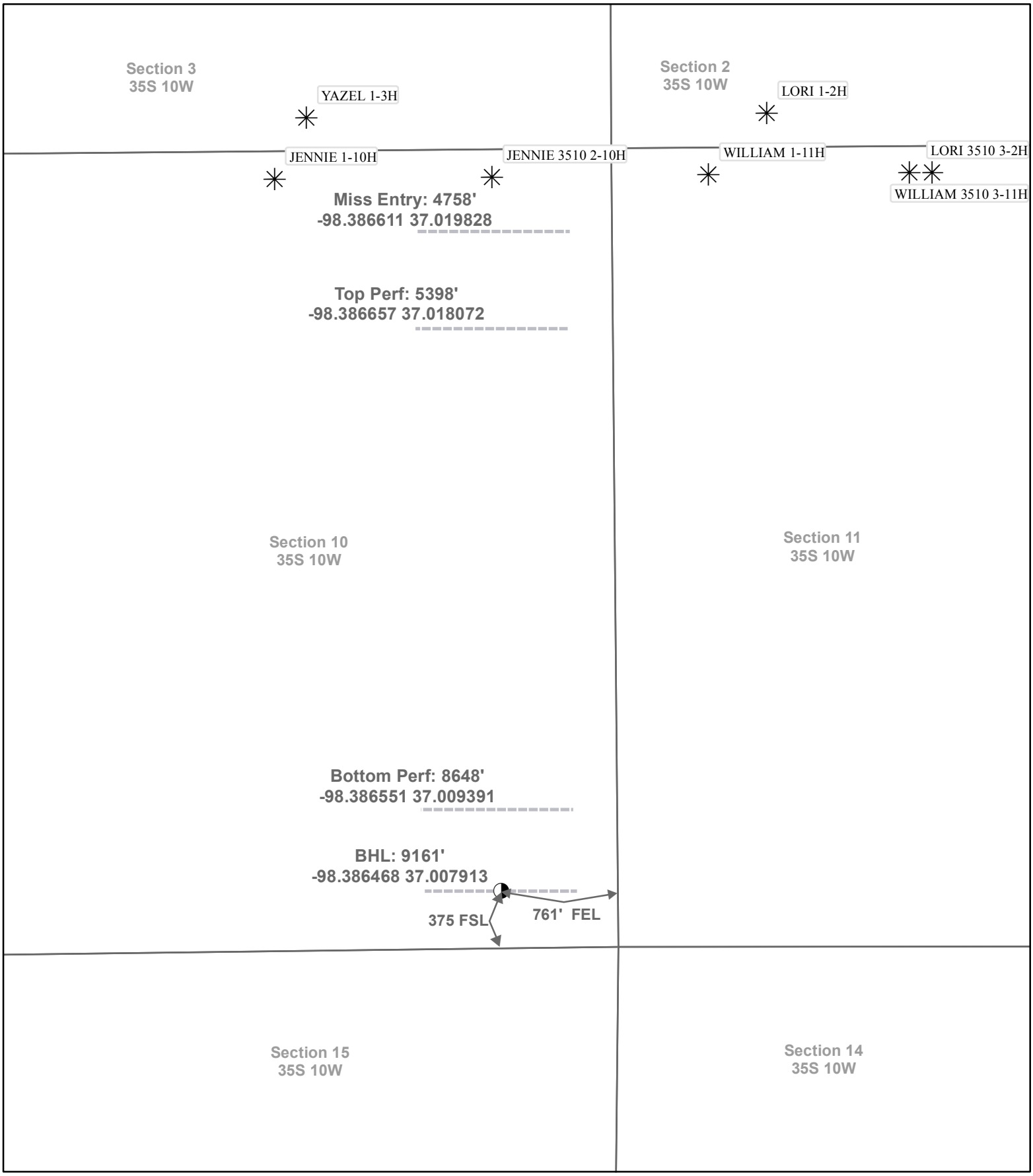
Step

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
7,861	90.6	175.80			4,834	3,401	-3,401.52	3.36	1.08
7,957	90.6	177.80			4,833	3,497	-3,497.36	8.72	2.08
8,052	91.5	177.60			4,832	3,592	-3,592.26	12.53	0.97
8,147	92.1	176.40			4,829	3,687	-3,687.08	17.50	1.41
8,241	89.7	176.40			4,827	3,781	-3,780.88	23.40	2.55
8,337	89.2	177.30			4,828	3,877	-3,876.73	28.67	1.07
8,432	90.1	179.80			4,829	3,972	-3,971.69	31.08	2.80
8,527	90.0	180.00			4,829	4,067	-4,066.69	31.24	0.24
8,622	90.7	179.40			4,828	4,162	-4,161.68	31.74	0.97
8,718	91.7	179.70			4,826	4,258	-4,257.66	32.49	1.09
8,813	87.9	178.50			4,826	4,353	-4,352.63	33.99	4.19
8,908	89.3	177.40			4,829	4,448	-4,447.53	37.38	1.87
9,003	90.5	175.80			4,829	4,543	-4,542.36	43.02	2.11
9,098	90.4	174.80			4,828	4,637	-4,637.04	50.80	1.06
9,161	88.8	174.50			4,828	4,700	-4,699.76	56.68	2.58



SANDRIDGE
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Jennie 3510 2-10
Barber County, Kansas
T&R: 35S 10W
Section: 10, 761 FEL & 375' FSL
Long/Lat: --98.386468 37.007913

1 in = 833 ft

0 625 1,250 2,500 Feet

N

Draftsman: Aaron Birk	Draft Date: 11/12/2012
Drawing Name/Number: Addendum_Jennie_2-10.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Logo

Back to Well Completion

Jennie 3510 2-10H (1091841)

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	

Add Remar

Remarks

Tiffany Golay 11/13/012 09:32 am	Additional Fluid Mgmt Info- 5020 bbls soil farmed by Mudslingers LLC, NE/4 4-28N-12W, Alfalfa, OK, 12-20968