Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1105558

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: Joe Hileman
Purchaser: DCP Midstream, LP (gas) NCRA (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 #:

11/23/2012	12/16/2012	12/19/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-033-21682-01-00
Spot Description:
N2 - N2 - NE - NW Sec. 36 Twp. 31 S. R. 19 ☐ East ☑ West
200 Feet from ☑ North / ☐ South Line of Section
1980 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: Comanche
Lease Name: Sadie 3119 Well #: 1-36H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 2123 Kelly Bushing: 2142
Total Vertical Depth: 9578 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 964 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: 10000 ppm Fluid volume: 1960 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Guard Inc
Lease Name: Unnamed License #: 99999
Quarter SW Sec. 23 Twp. 22 S. R. 13 ☐ East ☑ West
County: Major, OK Permit #: 342682

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: 03/19/2013
☑ **Confidential Release Date:** 03/19/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/21/2013

1105558

Operator Name: SandRidge Exploration and Production LLC Lease Name: Sadie 3119 Well #: 1-36H

Sec. 36 Twp. 31 S. R. 19 ☐ East ☑ West County: Comanche

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:

Attached

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

Name	Top	Datum
Base Heebner Shale Marker	4298	
Lansing Ls/Shale Group	4465	
Oswego Ls Group	4993	
Cherokee Shale Marker	5061	
Miss Unconcformity	5129	
Mississippi 'Solid'	5135	

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. 1/21/2013

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	Sadie 3119 1-36H
Doc ID	1105558

All Electric Logs Run

Boresight
Induction
Density
Mud Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Sadie 3119 1-36H
Doc ID	1105558

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9110-9475	4221 bbls water, 36 bbls acid, 75M lbs sd, 4468 TLTR	
5	8719-9030	4215 bbls water, 36 bbls acid, 75M lbs sd, 9136 TLTR	
5	8300-8637	4208 bbls water, 36 bbls acid, 75M lbs sd, 13560 TLTR	
5	7853-8100	4202 bbls water, 36 bbls acid, 75M lbs sd, 18056 TLTR	
5	7498-7799	4196 bbls water, 36 bbls acid, 75M lbs sd, 22327 TLTR	
5	6992-7220	4188 bbls water, 36 bbls acid, 75M lbs sd, 26619 TLTR	
5	6644-6920	4183 bbls water, 36 bbls acid, 75M lbs sd, 30885 TLTR	
5	6208-6550	4176 bbls water, 36 bbls acid, 75M lbs sd, 35034 TLTR	
5	5880-6130	4171 bbls water, 36 bbls acid, 75M lbs sd, 39285 TLTR	
5	5368-5705	4163 bbls water, 36 bbls acid, 75M lbs sd, 43594 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Sadie 3119 1-36H
Doc ID	1105558

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	32	20	75	128	Pro Oilfield Services 10 sack grout	14.5	none
Surface	12.25	9.63	36	964	O-Tex Lite Premium Plus 65, Premium Plus (Class C)	640	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermedciate	8.75	7	26	5624	50/50 Poz Premium/ Premium	220	4% Gel, .4% C12, .1% C37, .5%C41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9578	50/50 Premium Poz	470	(4% gel) .4% C12, .1% C37, .5% C41P, 2 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/

December 21, 2012

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

Re: ACO1
API 15-033-21682-01-00
Sadie 3119 1-36H
NW/4 Sec.36-31S-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

PRO OILFIELD SERVICES, LLC

P.O. BOX 3660
HOUMA, LA 70361-3660

Customer : SAN400

BILL TO : **SANDRIDGE ENERGY**
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102-6406
PHONE: (405) 753-5500 FAX: ()

Division : 0701
Delivery Ticket : 3155
Delivery Date : 11/26/2012
Office : 12/1/1901

Ordered By :
Lease/Well : SADIE 3119 1-36H
Rig Name/Number : LARIAT 38
AFE Number :
Site Contact :
:
:
:

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	SADIE 3119 1-36H	$24,570.00	$0.00	$24,570.00	11/23/2012 11/23/2012	$24,570.00
120	DRILLED 30" CONDUCTOR HOLE	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
75	16" CONDUCTOR PIPE (.375 WALL)	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	WELDING SERVICES FOR PIPE & LIDS	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
14.5	CEMENT 10 SACK GROUT	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
1	8' HAY FEEDER	$0.00	$0.00	$0.00	11/23/2012 11/23/2012	
	Sub Total:	$24,570.00	$0.00			$24,570.00

Print Name

Signature

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 2187	12/05/12

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	dridge Exploration & Produc	Felix Ortiz Jr

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Sadie 3119	1-36H	Surface	Billy Taff

EMP NAME		EMP NAME		EMP NAME		EMP NAME	
Billy Taff		jayson seyfried					
John Hall							
Wallace Berry							
kevin johnson							

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	12/5/2012	12/5/2012	12/5/2012	12/5/2012
Time	9:30pm	12:30am	3:30am	6:00pm

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		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						
Perforations						

Materials

Mud Type	WBM	Density 9		Lb/Gal
Disp. Fluid	Fresh Water	Density 8.33		Lb/Gal
Spacer type	resh 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
12/5	9.0
Total	9.0

Operating Hours

Date	Hours
12/5	2.0
Total	2.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG. 150

Average Rates in BPM

MAX 6 BPM AVG 5

Cement Left in Pipe

Feet 46 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	380	TEX Lite Premium Plus 66	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	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	*14.8

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	0	Calc.Disp Bbl 71
		Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp. 71.00
Average		Bump Plug PSI:	300	Final Circ.	PSI:	300	Disp:Bbl
ISIP _____	5 Min. _____	10 Min _____	15 Min _____	Cement Slurry:	BBl	161.0	
				Total Volume	BBl	242.00	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 2212	12/12/12

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	Sandridge Exploration & Production	Roger Barber

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Sadie 3119	1-36H	Intermediate	Billy Taff

EMP NAME							
Billy Taff		0					
John Hall							
Wallace Berry							
kevin johnson							

Form. Name _____ Type: _____

Packer Type _____ Set At 4,268

Bottom Hole Temp. 165 Pressure _____

Retainer Depth _____ Total Depth 5630

	Called Out	On Location	Job Started	Job Completed
Date	12/11/2012	12/12/2012	12/12/2012	12/12/2012
Time	8:00pm	12:00am	8:45am	11:00am

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	5,630	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	
Fric. Red.		Gal/Lb	In	
MISC.		Gal/Lb	In	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
12/11	10.0
Total	10.0

Operating Hours

Date	Hours
12/12	2.0
Total	2.0

Description of Job

Intermediate

Pressures

MAX 5,000 PSI AVG. 400

Average Rates in BPM

MAX 8 BPM AVG 6

Cement Left in Pipe

Feet 82 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	120	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	10	Type:	Caustic	Preflush:	BBl	30.00	Type: WEIGHTED SP.
Breakdown		MAXIMUM	5,000 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 211
		Actual TOC		Calc. TOC:		4,268	Actual Disp. 211.00
Average		Bump Plug PSI:		Final Circ.	PSI:	800	Disp:Bbl
ISIP _____ 5 Min. _____		10 Min _____	15 Min _____	Cement Slurry:	BBl	51.0	
				Total Volume	BBl	292.00	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 2232	12/17/12

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	dridge Exploration & Produc	Roger Barber

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Sadie 3119	1-36H	Liner	Robert Burris

EMP NAME							
Robert Burris		0.00					
Wesley							
Rocky Anthis							
Frank Reeves							

Form. Name _____ Type: _____

Packer Type _____ Set At 5,624

Bottom Hole Temp. 150 Pressure _____

Retainer Depth _____ Total Depth 9578

	Called Out	On Location	Job Started	Job Completed
Date	12/17/2012	12/17/2012	12/17/2012	12/17/2012
Time	14:30	18:00	23:37	02:15

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	5190	9,578	
Liner Tool						
HWDP				3,993	5,190	
Drill Pipe			3 1/2"	Surface	3,993	
Drill Collars						
Open Hole			6 1/8"	Surface	9,578	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
12/17	8.5
Total	8.5

Operating Hours

Date	Hours
12/17	2.0
Total	2.0

Description of Job

Liner

Pressures

MAX 5000 PSI AVG. 850

Average Rates in BPM

MAX 6 BPM AVG 3.5

Cement Left in Pipe

Feet 87 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	470	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 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	5000 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 115
		Actual TOC	4,533	Calc. TOC:		4,533	Actual Disp. 116.50
Average		Bump Plug PSI:	1,500	Final Circ.	PSI:	1,000	Disp:Bbl
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBl	120.5	
				Total Volume	BBl	267.04	

CUSTOMER REPRESENTATIVE _____

SIGNATURE

Directional Survey Calculations	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200	5091	1980	3278
BHL	9578	87.50	180.10	5226.90	-4763.92	-85.92	4764.63	0.00	4965	328	2005	3275
Miss Entry	5365	64.16	180.58	5129.33	-562.89	-50.71	563.91	8.56	764	4529	1943	3318
Top Perf	5368	64.36	180.65	5130.63	-565.60	-50.74	566.62	8.37	766	4526	1943	3318
Bottom Perf	9475	87.23	180.78	5222.24	-4661.03	-85.28	4661.75	0.69	4862	431	2004	3276

Survey Points		X	Y		X	Y		m
	NW Corner XY Coord	1754025	235161				North Line slope	-0.0038045
	SW Corner XY Coord	1753902	229856	Surface XY	1756000.5	234953	East Line slope	0.0185923
	NE Corner XY Coord	1759282	235141				South Line slope	0.0026505
	SE Corner XY Coord	1759184	229870				West Line slope	0.0231857

	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0	0	0	200	5091	1980	3278
	992	0.40	248.60	991.99	-1	-3	1.34	0.04	202	5090	1977	3281
	1146	0.20	258.10	1145.99	-2	-4	1.61	0.13	202	5090	1976	3282
	1427	0.30	276.00	1426.99	-2	-5	1.66	0.04	202	5090	1975	3283
	1712	1.30	326.90	1711.96	1	-8	-1.07	0.40	199	5093	1973	3286
	2187	1.10	315.70	2186.85	9	-14	-8.70	0.06	192	5100	1966	3292
	2662	0.90	294.30	2661.78	14	-20	-13.35	0.09	187	5105	1960	3299
	3138	1.00	304.00	3137.72	18	-27	-17.05	0.04	183	5109	1953	3306
	3612	1.10	305.90	3611.64	23	-34	-21.86	0.02	178	5114	1945	3313
	3992	1.40	312.00	3991.55	28	-41	-26.96	0.09	173	5119	1939	3319
	4087	1.10	275.80	4086.53	29	-43	-27.79	0.87	172	5120	1937	3321
	4182	1.00	285.90	4181.51	29	-44	-28.07	0.22	172	5121	1935	3323
	4214	1.10	280.40	4213.51	29	-45	-28.19	0.44	171	5121	1935	3323
	4246	1.00	271.50	4245.50	29	-45	-28.24	0.60	171	5121	1934	3324
	4278	1.70	219.40	4277.49	29	-46	-27.86	4.19	172	5120	1934	3325
	4310	3.30	193.50	4309.46	28	-47	-26.59	6.00	173	5119	1933	3325
	4341	5.40	186.60	4340.37	25	-47	-24.26	6.97	175	5117	1933	3325
	4373	7.60	184.90	4372.16	22	-47	-20.65	6.90	179	5113	1933	3326
	4405	10.10	185.60	4403.78	17	-48	-15.74	7.82	184	5108	1932	3326
	4436	11.90	186.20	4434.21	11	-48	-9.85	5.82	190	5103	1932	3327
	4468	13.30	186.40	4465.44	4	-49	-2.89	4.38	197	5096	1931	3327
	4500	15.80	185.70	4496.41	-4	-50	5.12	7.83	205	5088	1930	3328
	4531	18.50	183.60	4526.03	-13	-51	14.24	8.93	214	5078	1930	3328
	4563	20.90	181.60	4556.15	-24	-51	25.03	7.79	225	5068	1930	3329
	4595	22.70	181.30	4585.86	-36	-51	36.91	5.64	236	5056	1930	3329
	4626	24.80	179.50	4614.24	-48	-52	49.39	7.17	249	5043	1930	3329
	4658	27.50	176.70	4642.96	-62	-51	63.47	9.27	263	5029	1931	3328
	4690	30.10	176.50	4671.00	-78	-50	78.83	8.13	278	5014	1932	3327
	4721	32.10	176.80	4697.54	-94	-49	94.79	6.47	294	4998	1933	3325
	4753	33.60	178.30	4724.42	-111	-48	112.11	5.33	312	4981	1934	3324
	4785	35.40	180.60	4750.80	-129	-48	130.22	6.94	330	4962	1935	3324
	4816	37.60	181.30	4775.71	-148	-49	148.66	7.22	348	4944	1935	3324
	4848	39.30	180.30	4800.77	-167	-49	168.55	5.66	368	4924	1935	3324
Top of Tangent	4880	42.20	180.80	4825.01	-188	-49	189.44	9.12	389	4903	1936	3324
@ 5006'	4911	42.50	180.10	4847.92	-209	-49	210.32	1.80	410	4882	1936	3323
	4943	43.80	180.80	4871.27	-231	-49	232.20	4.33	432	4860	1936	3323
	4975	46.20	181.50	4893.90	-254	-50	254.82	7.66	454	4838	1936	3323
	5006	49.80	180.80	4914.64	-277	-50	277.86	11.73	477	4815	1936	3323
Btm of Tangent	5038	50.10	180.80	4935.23	-301	-51	302.35	0.94	502	4790	1937	3323
@ 5188'	5070	49.60	180.70	4955.86	-326	-51	326.81	1.58	526	4766	1937	3323
	5101	49.60	180.20	4975.95	-349	-51	350.41	1.23	550	4742	1937	3323
	5133	49.00	179.90	4996.82	-374	-51	374.67	2.01	574	4718	1938	3322
	5164	48.80	180.30	5017.20	-397	-51	398.02	1.17	598	4695	1938	3322
	5196	49.80	179.70	5038.06	-421	-51	422.28	3.43	622	4670	1939	3321
	5228	52.60	179.40	5058.11	-446	-51	447.20	8.78	647	4645	1940	3321
	5259	55.40	179.60	5076.33	-471	-51	472.27	9.05	672	4620	1940	3320
	5291	58.40	180.00	5093.81	-498	-51	499.06	9.43	699	4594	1941	3319
	5323	60.60	179.60	5110.05	-526	-51	526.62	6.96	726	4566	1942	3319
	5354	63.40	180.30	5124.60	-553	-51	553.98	9.25	754	4539	1943	3318
	5386	65.60	181.10	5138.38	-582	-51	582.86	7.24	783	4510	1943	3318
	5417	69.50	181.10	5150.21	-610	-51	611.51	12.58	811	4481	1943	3318
	5449	72.60	181.20	5160.60	-641	-52	641.77	9.69	841	4451	1943	3318
	5481	76.50	180.70	5169.12	-672	-53	672.60	12.28	872	4420	1943	3318
	5512	78.80	181.30	5175.75	-702	-53	702.88	7.66	903	4390	1943	3318
	5544	82.40	181.80	5180.98	-733	-54	734.45	11.36	934	4358	1943	3318
	5576	85.90	181.00	5184.24	-765	-55	766.28	11.22	966	4326	1943	3319
	5655	89.80	180.80	5187.20	-844	-56	845.20	4.94	1045	4247	1944	3318
	5716	90.60	179.60	5186.99	-905	-56	906.19	2.36	1106	4186	1945	3317
	5808	91.50	178.80	5185.31	-997	-55	998.11	1.31	1198	4094	1949	3314
	5900	90.10	178.70	5184.02	-1089	-53	1090.01	1.53	1290	4003	1953	3311
	5992	89.40	178.00	5184.42	-1181	-50	1181.88	1.08	1382	3911	1957	3306
	6084	90.00	177.20	5184.90	-1273	-46	1273.68	1.09	1474	3819	1963	3301
	6177	88.30	177.30	5186.28	-1366	-42	1366.43	1.83	1566	3726	1970	3295
	6272	87.60	176.00	5189.68	-1461	-36	1461.06	1.55	1661	3631	1978	3287
	6367	89.00	177.70	5192.50	-1555	-31	1555.72	2.32	1756	3536	1985	3280

Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
6462	88.70	179.20	5194.41	-1650	-29	1650.58	1.61	1851	3441	1990	3276
6556	89.20	180.00	5196.13	-1744	-28	1744.52	1.00	1945	3347	1993	3274
6651	90.10	181.30	5196.71	-1839	-29	1839.51	1.66	2040	3252	1994	3273
6746	89.40	182.40	5197.12	-1934	-32	1934.50	1.37	2135	3157	1993	3274
6841	89.40	181.80	5198.12	-2029	-36	2029.49	0.63	2230	3062	1992	3276
6936	89.50	183.30	5199.03	-2124	-40	2124.46	1.58	2325	2967	1990	3278
7030	89.60	183.30	5199.77	-2218	-45	2218.40	0.11	2419	2874	1987	3282
7125	90.80	182.70	5199.44	-2313	-50	2313.35	1.41	2513	2779	1984	3285
7220	87.80	178.00	5200.60	-2408	-51	2408.30	5.87	2608	2684	1985	3284
7315	88.60	178.70	5203.58	-2503	-48	2503.12	1.12	2703	2589	1990	3280
7410	89.20	179.30	5205.41	-2598	-46	2598.02	0.89	2798	2494	1994	3276
7505	89.30	180.10	5206.65	-2693	-46	2692.98	0.85	2893	2399	1997	3274
7600	89.60	179.70	5207.56	-2788	-46	2787.94	0.53	2988	2304	1999	3272
7695	91.70	181.20	5206.49	-2883	-46	2882.92	2.72	3083	2209	2001	3271
7790	92.30	182.70	5203.17	-2977	-50	2977.85	1.70	3178	2114	2000	3272
7885	91.70	181.90	5199.85	-3072	-54	3072.78	1.05	3273	2019	1998	3274
7980	90.70	180.90	5197.86	-3167	-56	3167.75	1.49	3368	1924	1998	3275
8075	87.90	178.10	5199.03	-3262	-55	3262.68	4.17	3463	1829	2001	3272
8170	90.40	179.90	5200.43	-3357	-53	3357.58	3.24	3558	1734	2005	3269
8265	91.40	180.10	5198.94	-3452	-53	3452.54	1.07	3653	1639	2007	3267
8360	92.80	183.50	5195.46	-3547	-56	3547.46	3.87	3748	1544	2006	3268
8455	91.50	181.30	5191.90	-3642	-60	3642.37	2.69	3843	1450	2004	3271
8550	89.30	181.80	5191.23	-3737	-63	3737.36	2.37	3938	1355	2004	3271
8645	87.70	181.80	5193.72	-3832	-66	3832.32	1.68	4033	1260	2003	3273
8740	87.70	181.80	5197.53	-3927	-69	3927.24	0.00	4127	1165	2003	3274
8834	87.70	181.80	5201.30	-4021	-72	4021.16	0.00	4221	1071	2002	3275
8929	87.70	181.10	5205.12	-4115	-74	4116.08	0.74	4316	976	2002	3276
9024	88.80	181.30	5208.02	-4210	-76	4211.04	1.18	4411	881	2002	3276
9119	87.10	180.40	5211.42	-4305	-78	4305.97	2.02	4506	786	2003	3276
9214	90.20	181.50	5213.65	-4400	-79	4400.93	3.46	4601	691	2003	3275
9309	87.90	181.80	5215.23	-4495	-82	4495.91	2.44	4696	596	2003	3276
9404	87.60	181.00	5218.96	-4590	-84	4590.83	0.90	4791	502	2003	3277
9499	87.10	180.70	5223.35	-4685	-86	4685.73	0.61	4886	407	2003	3277
9528	87.50	180.10	5224.72	-4714	-86	4714.69	2.48	4915	378	2004	3276
9578	87.50	180.10	5226.90	-4764	-86	4764.63	0.00	4965	328	2005	3275
								200	5091	1980	3278
								200	5091	1980	3278
								200	5091	1980	3278
								200	5091	1980	3278
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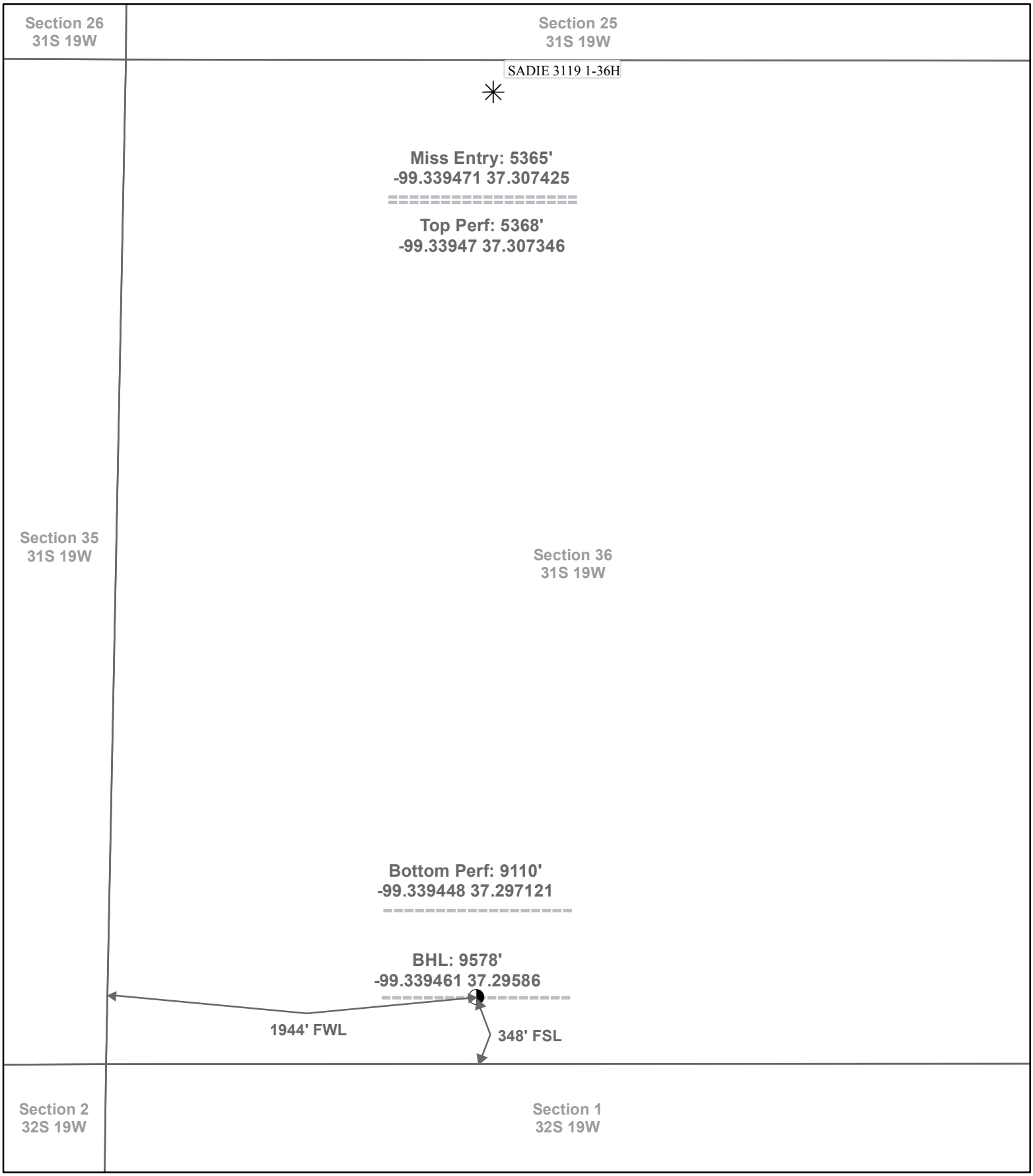
				0	0			200	5091	1980	3278
				0	0			200	5091	1980	3278



SANDRIDGE
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Sadie 3119 1-36H
Comanche County, Kansas
T&R: 31S 19W
Section: 36, 1944' FWL & 348' FSL
Long/Lat: -99.339461 37.29586

1 in = 667 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 3/5/2013
Drawing Name/Number: Addendum_Sadie_1-36H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Remarks

Tiffany Golay 03/19/013 01:55 pm	Frac Disclosure uploaded to FracFocus
Tiffany Golay 03/05/013 01:23 pm	Additional Fluid Mgmt Info: 4200 bbls hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43, Lipscomb, TX
Tiffany Golay 02/26/013 10:35 am	TVD= 5,226
Tiffany Golay 02/26/013 10:35 am	Conductor weight= 94 lbs/ft