Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1131718

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 #:

3/19/2013	4/3/2013	4/27/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-033-21698-01-00
Spot Description:
S2 - S2 - SW - SW Sec. 21 Twp. 33 S. R. 19 ☐ East ☑ West
200 Feet from ☐ North / ☑ South Line of Section
660 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: Lindsay 3319 Well #: 1-21H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1974 Kelly Bushing: 1994
Total Vertical Depth: 5815 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 910 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: 8680 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Lojo Disposal
Lease Name: Unnmaed License #: 99999
Quarter SW Sec. 10 Twp. 26 S. R. 15 ☐ East ☑ West
County: Woods, OK Permit #: 563714

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: 07/15/2013
☑ **Confidential Release Date:** 07/15/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 07/15/2013

1131718

Operator Name: SandRidge Exploration and Production LLC Lease Name: Lindsay 3319 Well #: 1-21H

Sec. 21 Twp. 33 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	4349	
Lansing Ls/Shale Group	4519	
Oswego Ls Group	5109	
Cherokee Shale Marker	5186	
Miss Unconformity	5292	
Mississippi 'Solid'	5309	

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. 5/13/2013

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	Lindsay 3319 1-21H
Doc ID	1131718

All Electric Logs Run

Final Boresight
Porosity
Induction
Petrophysical Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lindsay 3319 1-21H
Doc ID	1131718

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9338-9659	4230 bbls water, 36 bbls acid, 75M lbs sd, 4379 TLTR	
5	8880-9248	4223 bbls water, 36 bbls acid, 75M lbs sd, 9042 TLTR	
5	8468-8812	4216 bbls water, 36 bbls acid, 75M lbs sd, 13450 TLTR	
5	8042-8375	4210 bbls water, 36 bbls acid, 75M lbs sd, 17785 TLTR	
5	7688-7940	4204 bbls water, 36 bbls acid, 75M lbs sd, 22112 TLTR	
5	7192-7525	4196 bbls water, 36 bbls acid, 75M lbs sd, 26396 TLTR	
5	6748-7098	4189 bbls water, 36 bbls acid, 75M lbs sd, 30689 TLTR	
5	6323-6654	4183 bbls water, 36 bbls acid, 75M lbs sd, 35071 TLTR	
5	5938-6225	4177 bbls water, 36 bbls acid, 75M lbs sd, 39599 TLTR	
5	5494-5825	4170 bbls water, 36 bbls acid, 75M lbs sd, 43927 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lindsay 3319 1-21H
Doc ID	1131718

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	30	20	75	120	Pro Oilfield Services 10 sack grout	12	none
Surface	12.25	9.63	36	910	O-Tex Lite Premium Plus 65/ Premium Plus (Class C)	670	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	5815	50/50 Poz Premium	300	4% gel, .4% FL-17, .1% C-51, .1% C-20, .5% C-41P, 1 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9765	Halliburton Econocem System	500	5 lbm Kol-Seal, .25% SA-1015, .2% CFR-3

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/

April 05, 2013

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

Re: ACO1
API 15-033-21698-01-00
Lindsay 3319 1-21H
SW/4 Sec.21-33S-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

Division : 0701
Delivery Ticket : 4581
Delivery Date : 3/21/2013
Office : 12/1/1901

Ordered By :
Lease/Well : LINDSAY 3319 1-21H
Rig Name/Number : LARIAT 41
AFE Number :
Site Contact :
:
:
:

Customer : SAN400

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

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	LINDSAY 3319 1-21H	$21,250.00	$0.00	$21,250.00	3/19/2013 3/19/2013	$21,250.00
126	DRILLED 30" CONDUCTOR HOLE	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
126	20" CONDUCTOR PIPE (.250 WALL)	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
79	DRILLED 20" MOUSE HOLE (PER FOOT)	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
79	16" CONDUCTOR PIPE (.250 WALL)	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
1	WELDING SERVICES FOR PIPE & LIDS	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
12	CEMENT 10 SACK GROUT	$0.00	$0.00	$0.00	3/19/2013 3/19/2013	
	Sub Total:	$21,250.00	$0.00			$21,250.00

Print Name

Signature

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 2537	03/23/13

COUNTY	State	COMPANY	CUSTOMER REP
Commanche	Kansas	dridge Exploration & Produc	JC Lockridge

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Lindsay 3319	1-21H	Surface	Arthur Setzer

EMP NAME							
Arthur Setzer		0					
Jared Green							
David Thomas							
Kevin Johnson							

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 900

	Called Out	On Location	Job Started	Job Completed
Date	3/23/2013	3/23/2013	3/23/2013	3/23/2013
Time	0400	1130	1200	1500

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	900	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"	Surface	900	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
3/23	4.0
Total	4.0

Operating Hours

Date	Hours
3/23	4.0
Total	4.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG

Average Rates in BPM

MAX 6 BPM AVG

Cement Left in Pipe

Feet Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	180	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		Calc.Disp Bbl 67
		Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp. 67.00
Average		Bump Plug PSI:		Final Circ.	PSI:	450	Disp:Bbl 67.00
SIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBl	170.0	
				Total Volume	BBl	247.00	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 2558	03/29/13

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

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Lindsay 3319	1-21H	Intermediate	L. ARNEY

EMP NAME							
L. ARNEY		0					
M. QUINTANA							
D. TEWELL							
W. TRUEX							

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 0

	Called Out	On Location	Job Started	Job Completed
Date	3/29/2013	3/29/2013	3/29/2013	3/29/2013
Time	1000	1600	2211	2400

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	0	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
3/29	7.0
Total	7.0

Operating Hours

Date	Hours
3/29	1.8
Total	1.8

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 88' Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.5% C-41P - 1 lb/sk Phenos	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	0.00

Summary

Preflush	10	Type:	Caustic	Preflush:	BBl	30.00	Type: Fresh Water
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 219
		Actual TOC		Calc. TOC:		3239'	Actual Disp. 217.00
Average		Bump Plug PSI:	1,350	Final Circ.	PSI:	850	Disp:Bbl
ISP	5 Min.	10 Min	15 Min	Cement Slurry:	BBl	73.0	
				Total Volume	BBl	320.00	

CUSTOMER REPRESENTATIVE _____

SIGNATURE

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2990906	**Quote #:**	**Sales Order #:** 900343072
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Hill, Richard	
Well Name: Lindsay 3319	**Well #:** 1-21H		**API/UWI #:** 15-033-21698
Field:	**City (SAP):** PROTECTION	**County/Parish:** Comanche	**State:** Kansas
Legal Description: Section 21 Township 33S Range 19W			
Lat: N 37.15 deg. OR N 37 deg. 8 min. 59.2 secs.		**Long:** W 99.396 deg. OR W -100 deg. 36 min. 14.6 secs.	
Contractor: Lariat	**Rig/Platform Name/Num:** 38		
Job Purpose: Cement Production Liner			
Well Type: Development Well	**Job Type:** Cement Production Liner		
Sales Person: FRENCH, JEREMY	**Srvc Supervisor:** RODRIGUEZ, EDGAR	**MBU ID Emp #:** 442125	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BAKER, NICHOLAS	3.5	542100	NEAL, MICHAEL Edward	3.5	483780	RAMIREZ, JORGE	9	498481
RODRIGUEZ, EDGAR Alejandro	9	442125						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4/4/2013	3	1	4/5/2013	6	2			
TOTAL					*Total is the sum of each column separately*			

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	9785. ft	**Job Depth TVD**	9785. ft		
Water Depth		**Wk Ht Above Floor**	5. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	04 - Apr - 2013	16:00	CST
On Location	04 - Apr - 2013	21:00	CST
Job Started	05 - Apr - 2013	02:52	CST
Job Completed	05 - Apr - 2013	04:05	CST
Departed Loc	05 - Apr - 2013	05:50	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
6.125" Open Hole				6.125				5827.	9783.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5425.	9783.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5827.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5425.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Water		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	500.0	sacks	13.6	1.5	6.76		6.76
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.25 %	SA-1015, 50 LB SACK (102077046)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	6.756 Gal	FRESH WATER							
3	Displacement		121.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	121	Shut In: Instant		Lost Returns		Cement Slurry	134	Pad	
Top Of Cement	2747	5 Min		Cement Returns		Actual Displacement	121	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	285

Rates

Circulating	5	Mixing	5	Displacement	6	Avg. Job	5.5

Cement Left In Pipe	Amount	90.65 ft	Reason	Shoe Joint

Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @		ID		Frac Ring # 4 @		ID	

The Information Stated Herein Is Correct

Customer Representative Signature

Sandridge Energy

Lindsay 3319 1-21H (Final)

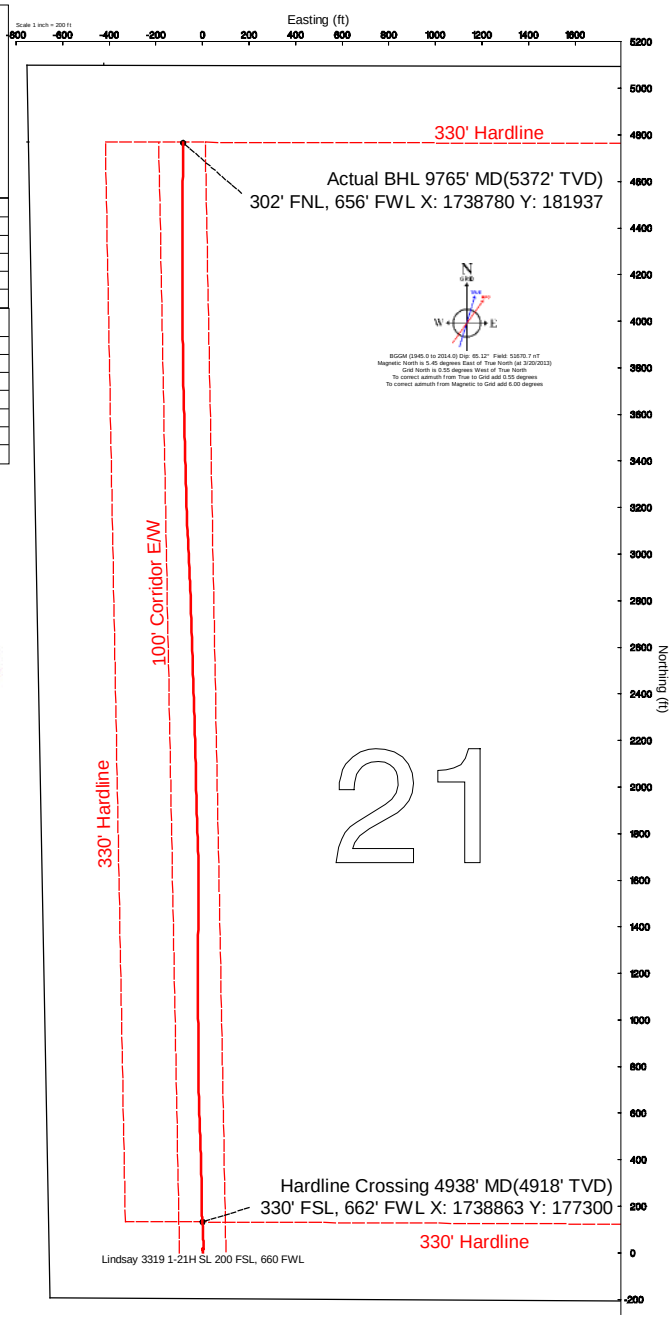
Lindsay 3319 1-21H SL 200 FSL, 660 FWL

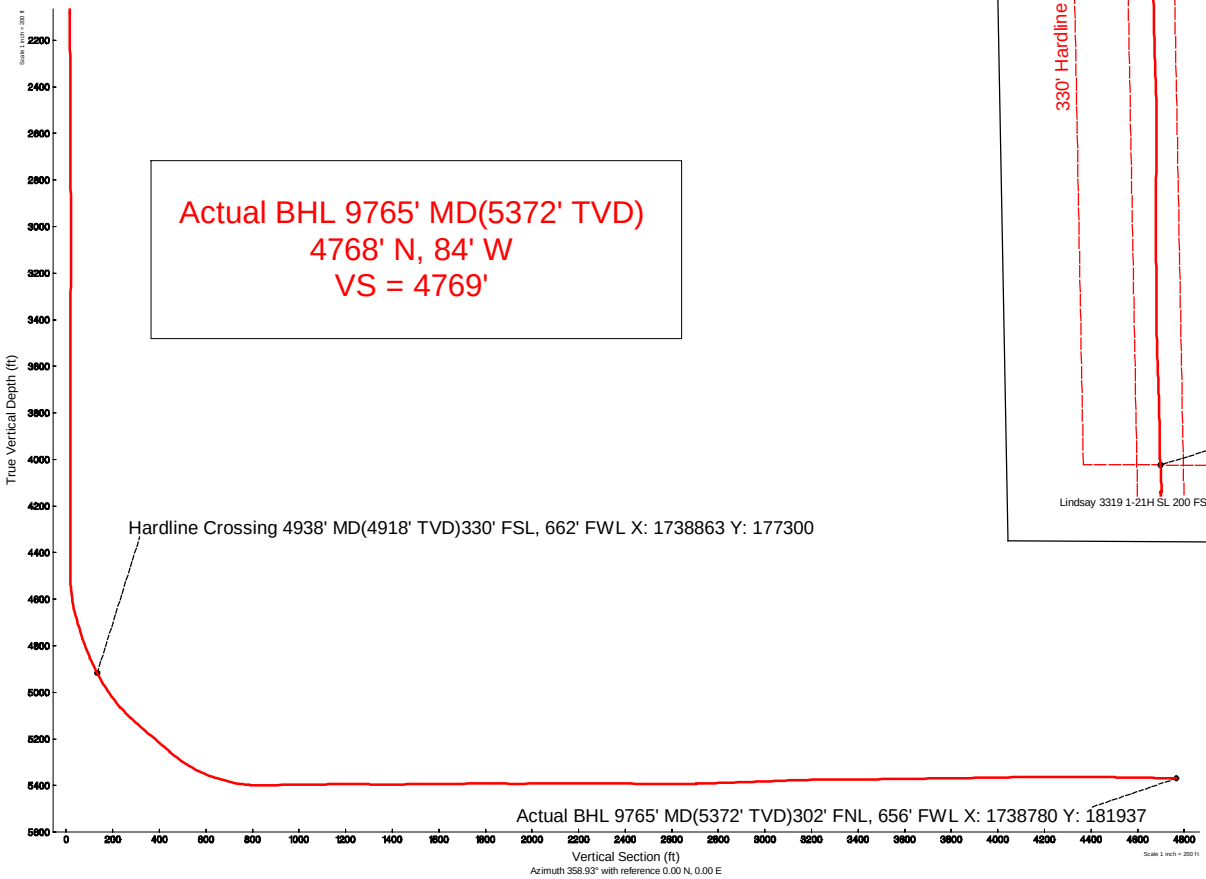
Comanche County, Kansas (Sandridge Energy) NAD27 / Grid

Plot reference wellpath is Plan 2	
True vertical depths are referenced to Lariat 38 (KB)	Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet
Measured depths are referenced to Lariat 38 (KB)	North Reference: Grid north
Lariat 38 (KB) to Mean Sea Level: 1993 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Lindsay 3319 1-21H SL 200 FSL, 660 FWL): -1973 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: broomarl on 4/1/2013

Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Lindsay 3319 1-21H Sec. 21-33S-19W			1738864.000	177169.000	37°08'59.245"N	99°23'45.355"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Lindsay 3319 1-21H SL 200 FSL, 660 FWL	0.00	0.00	1738864.000	177169.000	37°08'59.245"N	99°23'45.355"W
Lariat 38 (KB) to Mud line (At Slot: Lindsay 3319 1-21H SL 200 FSL, 660 FWL)					20ft	
Mean Sea Level to Mud line (At Slot: Lindsay 3319 1-21H SL 200 FSL, 660 FWL)					-1973ft	
Lariat 38 (KB) to Mean Sea Level					1993ft	





Actual Wellpath Report

Sandridge Lindsay 3319 1-21H_Final Surveys.

REFERENCE WELLPATH IDENTIFICATION

Operator	**Sandridge Energy**	Slot	**Lindsay 3319 1-21H SL 200 FSL, 660 FWL**
Area	**Kansas**	Well	**Subject**
Field	**Comanche County, Kansas (Sandridge Energy) NAD27 / Grid**	Wellbore	**Lindsay 3319 1-21H Actual**
Facility	**Lindsay 3319 1-21H Sec. 21-33S-19W**		

REPORT SETUP INFORMATION

Projection System	**NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet**		
North Reference	**Grid**	Software System	**WellArchitect 3.0.0**
Convergence at slot	**0.55° West**	User	**Broomarl**
Scale	**1.00003**	Report Generated	**4/12/2013** at **11:40:11 AM**
Wellbore last revised	**03-20-2013**	Database/Source file	**WA_OklahomaCity**

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	**0.00**	**0.00**	1738864.00	177169.00	37°08'59.245"N	99°23'45.355"W
Facility Reference Pt			**1738864.00**	**177169.00**	37°08'59.245"N	99°23'45.355"W
Field Reference Pt			1773194.47	191302.75	**37°11'22.030"N**	**99°16'42.810"W**

WELLPATH DATUM

Calculation method	**Minimum curvature**	Lariat 38 (KB) to Facility Vertical Datum	**20.00ft**
Horizontal Reference Pt	**Slot**	Lariat 38 (KB) to Mean Sea Level	**1993.00ft**
Vertical Reference Pt	**Lariat 38 (KB)**	Lariat 38 (KB) to Mud Line at Slot (Lindsay 3319 1-21H SL 200 FSL, 660 FWL)	**20.00ft**
MD Reference Pt	**Lariat 38 (KB)**	Section Origin	**N 0.00, E 0.00 f**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**358.93°**

Actual Wellpath Report

Sandridge Lindsay 3319 1-21H_Final Surveys.

REFERENCE WELLPATH IDENTIFICATION			
Operator	**Sandridge Energy**	Slot	**Lindsay 3319 1-21H SL 200 FSL, 660 FWL**
Area	**Kansas**	Well	**Subject**
Field	**Comanche County, Kansas (Sandridge Energy) NAD27 / Grid**	Wellbore	**Lindsay 3319 1-21H Actual**
Facility	**Lindsay 3319 1-21H Sec. 21-33S-19W**		

WELLPATH DATA (100 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Log Comment
0.00	0.000	0.160	0.00	0.00	0.00	0.00	1738864.00	177169.00	0.00	
20.00	0.000	0.160	20.00	0.00	0.00	0.00	1738864.00	177169.00	0.00	
248.00	1.100	0.160	247.99	2.19	2.19	0.01	1738864.01	177171.19	0.48	
490.00	0.500	0.340	489.96	5.57	5.57	0.02	1738864.02	177174.57	0.25	
735.00	0.300	0.320	734.96	7.28	7.28	0.03	1738864.03	177176.28	0.08	
888.00	0.300	0.320	887.95	8.08	8.08	0.03	1738864.03	177177.08	0.00	
1090.00	0.170	348.980	1089.95	8.90	8.90	-0.02	1738863.98	177177.90	0.07	
1548.00	0.150	183.320	1547.95	8.97	8.97	-0.19	1738863.81	177177.97	0.07	
2047.00	0.780	358.440	2046.94	11.72	11.71	-0.32	1738863.68	177180.71	0.19	
2522.00	0.410	56.940	2521.91	15.85	15.87	1.02	1738865.02	177184.87	0.14	
2997.00	0.060	305.630	2996.91	16.90	16.94	2.24	1738866.24	177185.94	0.09	
3472.00	0.220	186.750	3471.91	16.14	16.18	1.93	1738865.93	177185.18	0.05	
3947.00	0.170	108.000	3946.91	15.01	15.06	2.50	1738866.50	177184.06	0.05	
4422.00	0.150	66.560	4421.91	15.02	15.09	3.74	1738867.74	177184.09	0.02	
4485.00	0.220	2.590	4484.91	15.17	15.24	3.82	1738867.82	177184.24	0.33	
4517.00	1.520	355.820	4516.90	15.65	15.73	3.79	1738867.79	177184.73	4.07	
4548.00	4.110	357.140	4547.86	17.18	17.25	3.70	1738867.70	177186.25	8.36	
4580.00	6.730	357.090	4579.72	20.20	20.27	3.55	1738867.55	177189.27	8.19	
4612.00	9.370	356.800	4611.40	24.67	24.74	3.31	1738867.31	177193.74	8.25	
4643.00	12.090	358.170	4641.85	30.44	30.51	3.07	1738867.07	177199.51	8.81	
4675.00	14.480	358.510	4672.99	37.80	37.86	2.86	1738866.86	177206.86	7.47	
4707.00	16.250	358.520	4703.85	46.27	46.33	2.64	1738866.64	177215.33	5.53	
4738.00	17.610	358.240	4733.50	55.30	55.36	2.38	1738866.38	177224.36	4.39	
4770.00	18.550	358.000	4763.92	65.23	65.28	2.05	1738866.05	177234.28	2.95	
4802.00	19.650	357.910	4794.16	75.70	75.75	1.68	1738865.68	177244.75	3.44	
4833.00	21.650	357.830	4823.17	86.63	86.67	1.27	1738865.27	177255.67	6.45	
4865.00	23.740	357.600	4852.69	98.97	99.01	0.78	1738864.78	177268.01	6.54	
4897.00	25.530	357.070	4881.78	112.31	112.33	0.16	1738864.16	177281.33	5.64	
4928.00	27.200	356.150	4909.55	126.06	126.07	-0.66	1738863.34	177295.07	5.55	
4938.00	27.577	355.707	4918.43	130.65	130.66	-0.99	1738863.01	177299.66	4.28	**Hardline Crossing 4938' MD(4918' TVD)330' FSL, 662' FWL X: 1738863**
4960.00	28.410	354.770	4937.86	140.96	140.95	-1.84	1738862.16	177309.95	4.28	
4992.00	30.310	355.150	4965.74	156.61	156.58	-3.22	1738860.78	177325.58	5.97	
5023.00	33.680	357.110	4992.03	173.01	172.96	-4.32	1738859.68	177341.97	11.37	
5055.00	36.590	358.970	5018.20	191.42	191.36	-4.94	1738859.06	177360.37	9.69	
5087.00	38.840	359.830	5043.51	211.00	210.94	-5.14	1738858.86	177379.94	7.22	
5118.00	41.730	359.710	5067.16	231.04	230.98	-5.22	1738858.78	177399.98	9.33	
5150.00	44.570	0.020	5090.50	252.92	252.86	-5.27	1738858.73	177421.87	8.90	
5182.00	46.980	359.250	5112.82	275.84	275.79	-5.42	1738858.58	177444.80	7.73	
5213.00	48.880	359.730	5133.59	298.85	298.80	-5.62	1738858.38	177467.81	6.24	
5276.00	49.430	358.960	5174.79	346.51	346.45	-6.17	1738857.83	177515.46	1.27	
5340.00	49.410	358.230	5216.43	395.12	395.05	-7.36	1738856.64	177564.06	0.87	
5371.00	49.450	358.460	5236.59	418.66	418.58	-8.04	1738855.96	177587.59	0.58	
5403.00	49.480	358.330	5257.38	442.98	442.90	-8.72	1738855.28	177611.91	0.32	
5435.00	51.260	358.350	5277.79	467.62	467.53	-9.43	1738854.57	177636.54	5.56	
5466.00	54.510	357.620	5296.50	492.34	492.23	-10.31	1738853.69	177661.24	10.65	

Actual Wellpath Report

Sandridge Lindsay 3319 1-21H_Final Surveys.

REFERENCE WELLPATH IDENTIFICATION			
Operator	**Sandridge Energy**	Slot	**Lindsay 3319 1-21H SL 200 FSL, 660 FWL**
Area	**Kansas**	Well	**Subject**
Field	**Comanche County, Kansas (Sandridge Energy) NAD27 / Grid**	Wellbore	**Lindsay 3319 1-21H Actual**
Facility	**Lindsay 3319 1-21H Sec. 21-33S-19W**		

WELLPATH DATA (100 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Log Comment
5498.00	58.970	357.300	5314.04	519.08	518.96	-11.49	1738852.51	177687.97	13.96	
5530.00	62.250	357.550	5329.75	546.95	546.81	-12.74	1738851.25	177715.82	10.27	
5561.00	65.000	357.910	5343.52	574.71	574.55	-13.84	1738850.16	177743.57	8.93	
5593.00	67.980	358.110	5356.28	604.05	603.88	-14.86	1738849.14	177772.89	9.33	
5625.00	70.970	358.530	5367.50	634.01	633.83	-15.74	1738848.26	177802.84	9.42	
5656.00	74.070	358.810	5376.81	663.58	663.39	-16.43	1738847.57	177832.40	10.04	
5688.00	76.420	358.710	5384.96	694.52	694.32	-17.09	1738846.90	177863.34	7.35	
5720.00	78.630	359.140	5391.87	725.76	725.56	-17.68	1738846.32	177894.58	7.03	
5751.00	82.130	359.400	5397.05	756.32	756.12	-18.07	1738845.93	177925.13	11.32	
5783.00	86.770	359.710	5400.14	788.16	787.96	-18.32	1738845.68	177956.97	14.53	
5810.00	89.110	359.730	5401.11	815.14	814.94	-18.45	1738845.55	177983.95	8.67	
5863.00	91.300	359.750	5400.92	868.13	867.93	-18.69	1738845.31	178036.95	4.13	
5924.00	91.020	359.620	5399.69	929.11	928.92	-19.02	1738844.98	178097.94	0.51	
6016.00	90.590	359.500	5398.40	1021.10	1020.91	-19.73	1738844.27	178189.93	0.49	
6107.00	90.770	359.520	5397.32	1112.09	1111.90	-20.51	1738843.49	178280.92	0.20	
6199.00	90.250	0.010	5396.50	1204.07	1203.89	-20.89	1738843.11	178372.92	0.78	
6291.00	88.890	0.650	5397.19	1296.04	1295.88	-20.36	1738843.64	178464.91	1.63	
6382.00	90.430	0.440	5397.73	1387.00	1386.88	-19.49	1738844.51	178555.91	1.71	
6474.00	90.460	359.860	5397.01	1478.97	1478.87	-19.25	1738844.75	178647.91	0.63	
6566.00	90.900	0.730	5395.92	1570.94	1570.86	-18.78	1738845.22	178739.90	1.06	
6658.00	90.370	359.450	5394.90	1662.91	1662.86	-18.63	1738845.37	178831.89	1.51	
6753.00	90.310	357.640	5394.34	1757.91	1757.82	-21.04	1738842.96	178926.86	1.91	
6848.00	89.660	358.300	5394.36	1852.89	1852.76	-24.41	1738839.59	179021.80	0.98	
6943.00	90.030	358.490	5394.62	1947.89	1947.72	-27.07	1738836.93	179116.77	0.44	
7038.00	91.170	359.170	5393.63	2042.88	2042.69	-29.01	1738834.99	179211.74	1.40	
7133.00	90.000	358.300	5392.66	2137.87	2137.66	-31.11	1738832.89	179306.71	1.53	
7228.00	89.660	358.450	5392.94	2232.87	2232.62	-33.80	1738830.20	179401.68	0.39	
7323.00	89.480	358.320	5393.65	2327.86	2327.58	-36.48	1738827.52	179496.64	0.23	
7418.00	89.600	357.610	5394.41	2422.84	2422.52	-39.85	1738824.15	179591.58	0.76	
7512.00	89.010	358.640	5395.55	2516.82	2516.46	-42.93	1738821.07	179685.52	1.26	
7608.00	90.150	357.820	5396.26	2612.81	2612.41	-45.89	1738818.11	179781.47	1.46	
7702.00	91.970	358.440	5394.52	2706.78	2706.34	-48.96	1738815.04	179875.40	2.05	
7797.00	91.790	358.130	5391.40	2801.73	2801.25	-51.80	1738812.20	179970.31	0.38	
7892.00	92.130	357.470	5388.15	2896.65	2896.12	-55.44	1738808.55	180065.19	0.78	
7987.00	92.040	357.170	5384.70	2991.55	2990.95	-59.88	1738804.11	180160.02	0.33	
8082.00	92.040	357.140	5381.31	3086.44	3085.78	-64.60	1738799.40	180254.85	0.03	
8177.00	91.360	357.740	5378.50	3181.37	3180.64	-68.84	1738795.16	180349.71	0.95	
8272.00	90.490	358.820	5376.96	3276.35	3275.58	-71.69	1738792.31	180444.66	1.46	
8367.00	90.460	358.340	5376.17	3371.34	3370.55	-74.04	1738789.96	180539.63	0.51	
8462.00	90.370	358.330	5375.49	3466.34	3465.51	-76.80	1738787.20	180634.59	0.10	
8557.00	90.860	358.840	5374.47	3561.33	3560.47	-79.15	1738784.85	180729.55	0.74	
8652.00	90.770	358.420	5373.12	3656.32	3655.43	-81.42	1738782.58	180824.52	0.45	
8747.00	90.740	359.290	5371.86	3751.31	3750.41	-83.32	1738780.68	180919.49	0.92	
8842.00	90.770	359.020	5370.61	3846.30	3845.39	-84.72	1738779.28	181014.48	0.29	
8937.00	91.050	359.350	5369.10	3941.29	3940.37	-86.07	1738777.93	181109.46	0.46	

Actual Wellpath Report

Sandridge Lindsay 3319 1-21H_Final Surveys.

REFERENCE WELLPATH IDENTIFICATION			
Operator	**Sandridge Energy**	Slot	**Lindsay 3319 1-21H SL 200 FSL, 660 FWL**
Area	**Kansas**	Well	**Subject**
Field	**Comanche County, Kansas (Sandridge Energy) NAD27 / Grid**	Wellbore	**Lindsay 3319 1-21H Actual**
Facility	**Lindsay 3319 1-21H Sec. 21-33S-19W**		

WELLPATH DATA (100 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Log Comment
9032.00	91.080	359.910	5367.34	4036.26	4035.35	-86.68	1738777.31	181204.44	0.59	
9127.00	90.650	359.260	5365.90	4131.24	4130.33	-87.37	1738776.63	181299.43	0.82	
9222.00	89.720	0.300	5365.60	4226.23	4225.33	-87.74	1738776.26	181394.43	1.47	
9317.00	89.850	0.330	5365.95	4321.20	4320.33	-87.21	1738776.78	181489.43	0.14	
9412.00	89.750	359.960	5366.28	4416.18	4415.33	-86.97	1738777.02	181584.43	0.40	
9507.00	89.320	0.670	5367.06	4511.15	4510.32	-86.45	1738777.55	181679.42	0.87	
9602.00	88.890	0.290	5368.54	4606.10	4605.30	-85.66	1738778.34	181774.41	0.60	
9697.00	88.960	0.780	5370.32	4701.05	4700.28	-84.77	1738779.23	181869.39	0.52	
9723.00	89.020	0.500	5370.78	4727.03	4726.28	-84.48	1738779.52	181895.39	1.10	
9765.00	89.020	0.500	5371.50	4769.01	4768.27	-84.11	1738779.89	181937.38	0.00	**Actual BHL 9765' MD(5372' TVD)302' FNL, 656' FWL X: 1738780 Y:**

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BHL 300' FNL, 660' FWL		5368.02	4770.89	-89.00	**1738775.00**	**181940.00**	37°09'46.406"N	99°23'47.021"W	point

WELLPATH COMPOSITION - Ref Wellbore: Lindsay 3319 1-21H Actual Ref Wellpath: AWP - Final

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	888.00	Generic gyro - northseeking (Standard)	Rig Gyros	Lindsay 3319 1-21H Actual
888.00	9723.00	Autotrak Short (Magcorr)	INTEQ MWD	Lindsay 3319 1-21H Actual
9723.00	9765.00	Blind Drilling (std)	Projection to bit	Lindsay 3319 1-21H Actual

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/24/2013
Job End Date:	4/24/2013
State:	Kansas
County:	Comanche
API Number:	15-033-21698-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Lindsay 3319 1-21H
Longitude:	-99.39590000
Latitude:	37.14970000
Datum:	NAD27
Federal/Tribal Well:	NO
Total Base Water Volume (gal):	1,803,207
Total Base Non Water Volume:	

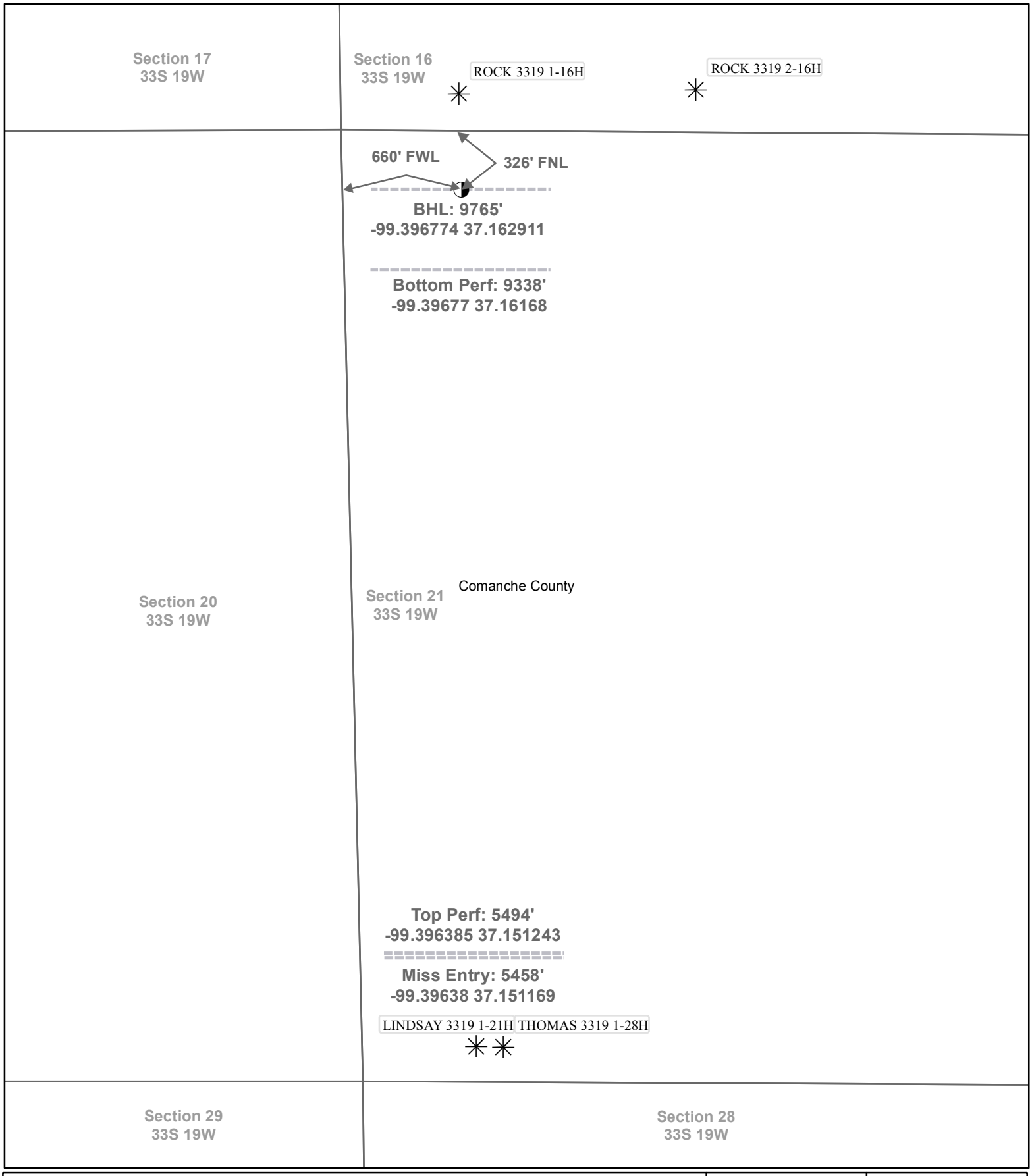
Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Sandridge Energy Corp	Carrier / Base Fluid					
			Carrier / Base Fluid - Water	7732-18-5	100.00000	94.27479	
40/70 Premium	WFT	Proppant					
			Crystalline Silica in the form of Quartz	14808-60-7	100.00000	4.70925	
15% HCL	WFT	Acid					
			Hydrochloric Acid	7647-01-0	15.00000	0.12747	
WNE-363L	WFT	Surfactant					
			Ethylene/Propylene Oxide Polymer	9003-11-6	30.00000	0.01368	
			Dodecylbenzenesulfonic acid, monoethanolamine salt	26836-07-7	15.00000	0.00684	
			2-Ethylhexanol	104-76-7	7.00000	0.00319	
			Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-	9043-30-5	5.00000	0.00228	
HCL 15%N	Heat Waves Hot Oil Service, LLC	Acid					
			Water	7732-18-5	91.00000	0.00941	
			Hydrogen Chloride	7647-01-0	36.00000	0.00941	
WSI-671L	WFT	Inhibitor					
			Ammonium Chloride	12125-02-9	20.00000	0.00571	
STIM 8900	Heat Waves Hot Oil Service, LLC	anti-sludge					

			Trade Secret	73296-89-6	100.00000	0.00004	
			Isopropanol	67-63-0	100.00000	0.00004	
			Ethylene Glycol	107-21-1	100.00000	0.00004	
WSF 9020	Heat Waves Hot Oil Service, LLC	Detergent/Cleaner					
			Methanol	67-56-1	100.00000	0.00004	
			Nonylphenol Ethoxylate	009016-45-9	100.00000	0.00004	
			Isopropanol	67-63-0	100.00000	0.00004	
STIM-HIB 2590	Het Waves Hot Oil Service, LLC	Acid Inhibitor					
			Methanol	67-56-1	100.00000	0.00002	
			Propargyl Alcohol	107-19-7	100.00000	0.00002	
			Trade Secret	NA	100.00000	0.00002	
			Isopropanol	67-63-0	100.00000	0.00002	
Swell Ban	Heat Waves Hot Oil Service, LLC	Stimulation/ Drilling					
			Isopropanol	67-63-0	100.00000	0.00003	
			Quaternary Ammonium Chloride	68187-63-3	100.00000	0.00003	
			Methanol	67-56-1	100.00000	0.00003	
Fe Ban L-2	Heat Waves Hot Oil Service, LLC	Iron Complexing Agent					
			Hydrochloric Acid	7647-01-0	100.00000	0.00002	
			Ethylene Glycol	107-21-1	20.00000	0.00002	
			Trade Secret	NA	100.00000	0.00002	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					
			Proprietary Ingredient	Proprietary		0.05819	
			Anionic water soluble polymer	Proprietary		0.02182	
			Amines, polyethylenepoly-, ethoxylated, phosphonomethylated	68966-36-9		0.01142	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



SANDRIDGE
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Lindsay 3319 1-21H
Comancher County, Kansas
T&R: 33S 19W
Section: 21, 660' FWL & 326' FNL
-99.396774 37.162911

1 in = 703 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 7/3/2013
Drawing Name/Number: Addendum_Lindsay 3319 1-21H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Remarks

Tiffany Golay 06/25/013 10:13 am	Conductor weight= 94 lbs/ft