Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1070701

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: Kathy Gentry
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

11/18/2011 Spud Date or Recompletion Date
12/07/2011 Date Reached TD
12/10/2011 Completion Date or Recompletion Date

API No. 15 - 15-033-21606-01-00
Spot Description:
N2 - NE - NW - NW Sec. 19 Twp. 31 S. R. 19 ☐ East ☑ West
200 Feet from ☑ North / ☐ South Line of Section
990 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: Sean Well #: 1-18H
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 2087 Kelly Bushing: 2067
Total Vertical Depth: 9830 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: 8891 ppm Fluid volume: 490 bbls
Dewatering method used: Haul Off Pit
Location of fluid disposal if hauled offsite:
Operator Name: Triple C Soil Farming
Lease Name: unknown License #: 99999
Quarter NW Sec. 27 Twp. 26 S. R. 18 ☐ East ☑ West
County: Woodward, OK Permit #: 18987

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: 03/15/2012
☑ **Confidential Release Date:** 03/15/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/19/2012

[redacted] 1070701

Operator Name: SandRidge Exploration and Production LLC Lease Name: Sean Well #: 1-18H

Sec. 19 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:

Array Induction

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

Name	Top	Datum
Base Heebner	4206	-2103
Cherokee Group	5131	-2861
Mississippi Lime	5318	-2962

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. 01/7/2012

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	Sean 1-18H
Doc ID	1070701

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	9804-9807; 9666-9669; 9528-9531	4555 bbls Slickwater, 30 bbls 15% NeFe HCl, 78M lbs 40/70 sd, 4585 TLTR	
6	9390-9393; 9252-9255; 9114-9117	5691 bbla Slickwater, 29 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 10530 TLTR	
6	8976-8979; 8838-8841; 8701-8704	4771 bbls Slickwater, 29 bbls 15% NeFe HCl, 79M lbs 40/70 sd, 15507 TLTR	
6	8563-8566; 8425-8428; 8287-8290	4179 bbls Slickwater, 31 bbls 15% NeFe HCl, 77M lbs 40/70 sd, 19889 TLTR	
6	8149-8152; 8011-8014; 7873-7876	4433 bbls Slickwater, 29 bbls 15% NeFe HCl, 78M lbs 40/70 sd, 24494 TLTR	
6	7735-7738; 7597-7600; 7459-7462	4376 bbls Slickwater, 29 bbls 15% NeFeHCl, 74M lbs 40/70 sd, 29015 TLTR	
6	7321-7324; 7183-7186; 7045-7048	4175 bbls Slickwater, 30 bbls 15% NeFe HCl, 73M lbs 40/70 sd, 33311 TLTR	
6	6907-6910; 6769-6772; 6631-6634	4204 bbls Slickwater, 29 bbls 15% NeFe HCl, 73M lbs 40/70 sd, 37614 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Sean 1-18H
Doc ID	1070701

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	6494-6497; 6356-6359; 6218-6221	4185 bbls Slickwater, 29 bbls 15% NeFe HCl, 72M lbs 40/70 sd, 41878 TLTR	
6	6080-6083; 5942-5945; 5804-5807	4102 bbls Slickwater, 29 bbls 15% NeFe HCl, 72M lbs 40/70 sd, 46043 TLTR	
6	5666-5669; 5528-5531; 5390-5393	4449 bbls Slickwater, 49 bbls 15% NeFe HCl, 72M lbs 40/70 sd, 50561 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Sean 1-18H
Doc ID	1070701

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	115	Mid-Continent Conductor, LLC 8 sack grout	16	none
Surface	12.25	9.63	36	920	O-Tex Lite Standard/ Standard	690	6% Gel, 2% Calcium Chloride, 1/4 lb/sk Celloflake, ,5% C-41P
Intermediate	8.75	7	29	5530	50/50 Poz Premium	200	4% Gel, .4% C-12, .1% C-37, .5% C-41P, 2 lb/sk Phenoseal
Production	6.13	4.25	11.6	9860	50/50 Poz W/ Premium	510	2% Gel, .4% C-12, .1% C-37, 2pps Pheonseal

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/

January 19, 2012

John-Mark Beaver
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: ACO1
API 15-033-21606-01-00
Sean 1-18H
NW/4 Sec.19-31S-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,
John-Mark Beaver

Attached 1/23

American Measurement Services

A Limited Liability Company
Ames, Oklahoma

Station Number:	KS03R0013
Producer:	SANDRIDGE ENERGY
Lease:	SEAN 1-18H
Sample Pressure:	100.0
Sample Temperature:	60.0
Cylinder Number:	293
Analysis By:	AMS
Date Sampled:	1/20/2012
Analysis Run Date:	1/20/2012

Gas Components	*Mole Percent*	*GPM*
Methane	84.048	
Ethane	4.582	1.2179
Propane	1.695	0.4643
IButane	0.373	0.1213
NButane	0.649	0.2034
IPentan	0.210	0.0766
NPentan	0.182	0.0654
C6 +	0.361	0.1567
Nitrogen	7.454	
CO2	0.445	
	100.00%	2.3056

BTU @ 14.65 @ 60 F - Real

Dry	1039.5
Wet	1021.3
Specific Gravity - Real	0.6611
Z =	0.9976

Gasoline Content

Propane And Heavier	1.0877
Butane And Heavier	0.6234
Pentane And Heavier	0.2987

H2S Field Test: 0 PPM

Field Remarks:

Analysis Based Upon GPA 2145, 2172, And 2261

Mid-Continent Conductor, LLC

P.O. Box 1570
Woodward, OK 73802

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

Invoice

Date	Invoice #
11/19/2011	1154

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
Jason	Net 60	11/18/2011	Sean 1-18H, Comanche Cnty, KS	Lariat 38

Item	Quantity	Description
Conductor Hole	114	Drilled 114 ft. conductor hole
20" Pipe	114	Furnished 114 ft. of 20 inch conductor pipe
Mouse Hole	80	Drilled 80 ft. mouse hole
16" Pipe	80	Furnished 80 ft. of 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	16	Furnished 16 yards of 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

Subtotal	$22,330.00
Sales Tax (0.0%)	$0.00
Total	$22,330.00

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1003	11/25/11

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	Sandridge Exp and Production	Felix Ortiz Jr.

LEASE NAME	WELL NO.	JOB TYPE	EMPLOYEE NAME
Sean	1-18H	Surface	Larry Kirchner Jr.

EMP NAME							
Larry Kirchner Jr.							
Emmit Brock							
Michael Bajo							
John Hall							

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	11/24/2011	11/25/2011	11/25/2011	11/25/2011
Time	7:00PM	4:00AM	12:27PM	2:00PM

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing	New	36.0	9 5/8"	Surface	920'	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"	Surface	920'	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
11/25	10.0
Total	10.0

Operating Hours

Date	Hours
11/25	2.0
Total	2.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG 120

Average Rates in BPM

MAX 6 BPM AVG 5

Cement Left in Pipe

Feet 44 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	410	O-Tex Lite Standard	(6%Gel) 2% Calcium Chloride - 1/4 lb/sk Celliflake - 0.5% C-41P	10.88	1.84	12.70
2	180	Standard	2% Calcium Chloride - 1/4 lb/sk Celloflake	6.20	1.18	15.60
3	100	Standard	2%Calcium Chloride on the side	6.20	1.18	15.60

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	28	Calc.Disp Bbl 68
		Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp. 66.00
		Bump Plug PSI:		Final Circ.	PSI:	400	Disp:Bbl
Average				Cement Slurry:	BBl	172.0	
ISIP	5 Min.	10 Min	15 Min	Total Volume	BBl	248.00	

CUSTOMER REPRESENTATIVE Felix Ortiz Jr. SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1018	11/30/11

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	Sandridge Exp and Prod	Felix Ortiz

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Sean	1-18H	Intermediate	Chris Bigbey

EMP NAME
Chris Bigbey
Jared Green
Larry Kirchner Sr.

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 0 Pressure _____

Retainer Depth _____ Total Depth 5534

	Called Out	On Location	Job Started	Job Completed
Date	11/30/2011	11/30/2011	11/30/2011	12/1/2011
Time	1600	1930	2348	0046

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		29.0	7		Surface	5,534	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4		Surface	5,530	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	wbm	Density 9.3	Lb/Gal	
Disp. Fluid	h2o	Density 8.34	Lb/Gal	
Spacer type	h2o	BBL. 20		
Spacer type	caustic	BBL. 10		
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
11/30	4.0
12/1	2.0
Total	6.0

Operating Hours

Date	Hours
11/30	0.2
12/1	0.8
Total	1.0

Description of Job

Intermediate

Pressures

MAX 3500 AVG. 500

Average Rates in BPM

MAX 10 AVG 5

Cement Left in Pipe

Feet 89 Reason Shoe Jt.

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	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	0	0	0	0.00	0.00	0.00
3	0	0	0	0.00	0.00	0.00

Summary

Preflush	10	Type:	Caustic	Preflush:	BBl	20.00	Type: FRESH WATER
Breakdown		MAXIMUM	3,500	Load & Bkdn:	Gal - BBl		Pad:Bbl -Gal
		Lost Returns-N	no	Excess /Return	BBl		Calc.Disp Bbl 202
		Actual TOC	4,180	Calc. TOC:		4,351	Actual Disp. 202.00
Average		Frac. Gradient		Treatment:	Gal - BBl		Disp:Bbl 202.00
ISIP _____ 5 Min. _____		10 Min _____	15 Min _____	Cement Slurry:	BBl	51.3	
				Total Volume	BBl	273.30	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1035	12/09/11

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	Sandridge Exp and Production	Roger Harris

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Sean	1-18H	Liner	Larry Kirchner JR.

EMP NAME

Larry Kirchner Jr.							
Mark Boethin							
Arthur Setzer							

Form. Name _____ Type: _____

Packer Type _____ Set At 5,530'

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 9,860'

	Called Out	On Location	Job Started	Job Completed
Date	12/8/2011	12/8/2011	12/9/2011	12/9/2011
Time	3:00PM	9:00PM	3:57AM	6:30AM

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	New	11.6#	4 1/2"	5,105.17'	9,860'	3,500
Liner Tool	New		2 1/4ID			3,500
Drill Collars	Used		2 1/4ID	4187.57'	5,105.17'	3,500
Drill Pipe	Used	15.5	3 1/2"	Surface	4,187.57'	3,500
Open Hole			6 1/8"	Surface	9,860'	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
12/8	3.0
12/9	6.5
Total	9.5

Operating Hours

Date	Hours
12/9	2.0
Total	2.0

Description of Job

Liner

Pressures

MAX 3,500 PSI AVG 600

Average Rates in BPM

MAX 6 BPM AVG 4

Cement Left in Pipe

Feet 43 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	510	50:50 Poz W/ Premium	(Includes 2% Gel) - 4% Gel - .4% C-12 - .1% C-37 - 2pps Phenoseal - .5% C	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	10	Type:	CAUSTIC	Preflush:	BBl	20.00	Type: FRESH WATER
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 105
		Actual TOC	4,605'	Calc. TOC:		4,605'	Actual Disp. 100.00
Average		Bump Plug PSI:		Final Circ.	PSI:	1,200	Disp:Bbl
ISIP _____ 5 Min. _____		10 Min _____	15 Min _____	Cement Slurry:	BBl	131.0	
				Total Volume	BBl	251.00	

CUSTOMER REPRESENTATIVE Roger Harris

SIGNATURE

SANDRIDGE
THE POWER OF US™

Current

Spud: 11/24/2011

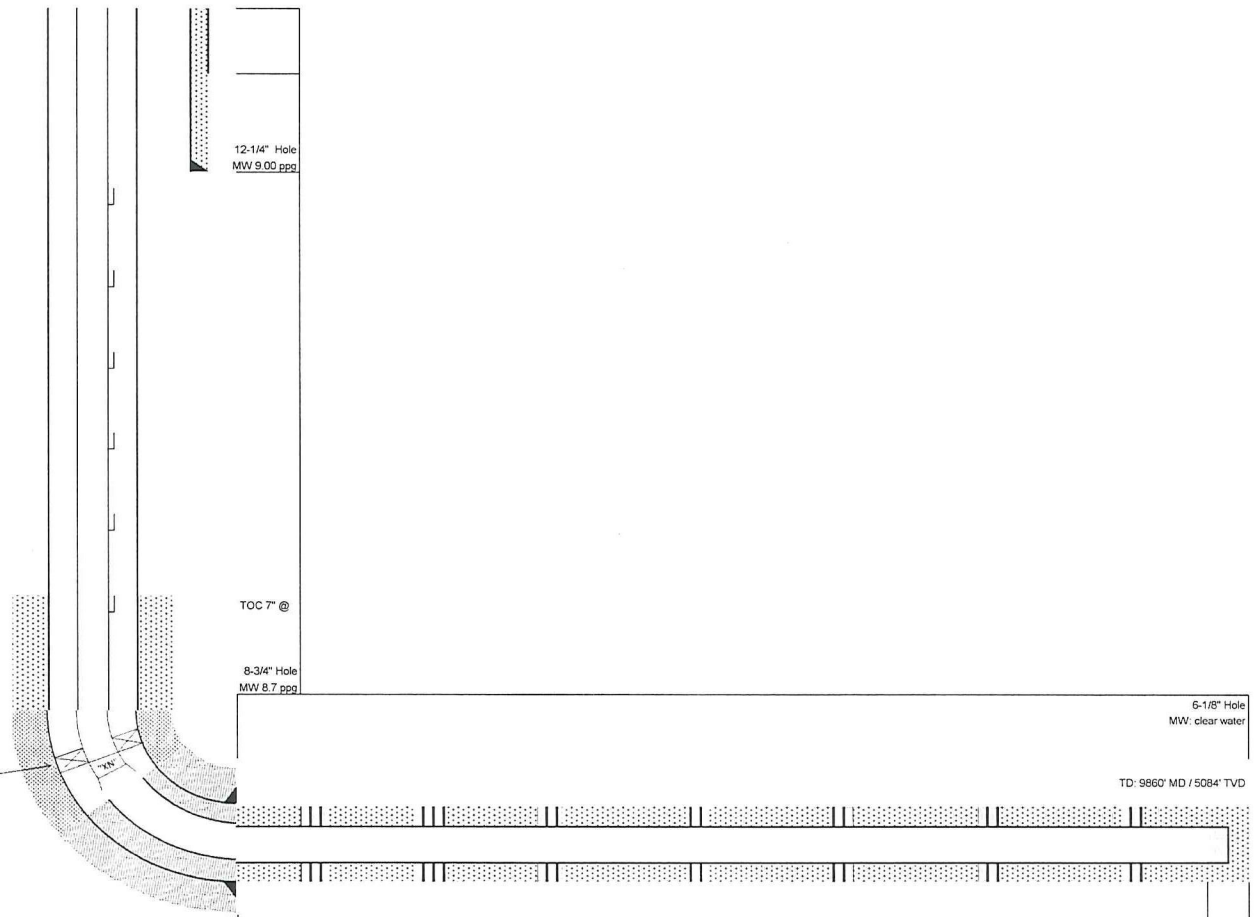
Field	Kiowa Bow
County, Stage	Comanche County, KS
Well	**Sean 1-18H**
Location	SEC 18, TWP 31S, RGE 19W
Elevations	2102' KB; 2083' GL

Wellbore Schematic

15-033-21606-01
API No.

Original Completion (1/7/2012) [X]
Current [ ]
[ ]
Proposed [ ]

Well Bore Data	MD	TVD
20" 94# J-55 Conductor	90'	90'
9-5/8" 36# J-55 LT&C Csg @	920'	920'
Cplg OD=10.625", ID=8.921" Drift=8.765", Collpase=2020 psi, Internal Yield=3520 psi		
Cmt'd w/ 280 sxs Hal-lite cmt @ 12.4 ppg (Yield=2.12), followed by 160 sxs		
Standard cmt @ 15.6 ppg (Yield=1.20)		
KB		
53 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #8	1748'	
15 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #7	2240'	
14 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #6	2700'	
14 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #5	3160'	
13 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #4	3587'	
14 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #3	4046'	
14 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #2	4506'	
16 jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #1	5030'	
1 jt 2-7/8" 6.5# J-55 8rd EUE		
2-7/8" x 7" AS-III PKR	5067'	
10' 2-7/8" 6.5# sub		
2.313" XN w/ 2.205" NO-GO	5078'	
WLEG	5079'	
Tangent from 4975' to 5102'	Tangent @ 50°	
Top of Liner @	5,105'	4,947'
drilling tst'd 500# for 10 min, good		
105 jts 7" 29# N-80 LT&C Csg @	4,074'	4,074'
34 jts 7" 29# P-110 LT&C Csg @	5,530'	5,102'
26# N-80: Cplg OD=7.656", ID=6.276" Drift=6.151", Collpase=5410 psi, Internal Yield=7240 psi		
26# P-110: Cplg OD=7.656", ID=6.276" Drift=6.151", Collpase=6210 psi, Internal Yield=9960 psi		
Cmt'd w/ 200 sxs 50/50 Prem POZ:H @ 13.6 ppg (Yield=1.44)		
set @ 88°		
PBTD @	9,817'	5,084'
122 jts 4-1/2" 11.6# P-110 LT&C @	9,860'	5,084'
Cplg OD=5.00", ID= 4.000", Drift=3.875", Collpase=7560 psi, Internal Yield=10690 psi		
Cmt'd w/ 510 sxs 50/50 Prem POZ:H @ 13.6 ppg (Yield=1.44)		
Bumped plug @ 2200#, full returns, floats held		



Chad Hunt
2/20/2012

Sandridge Energy

Comanche (KS27S)
Sec 19-T31S-19W - GRID
Sean 1-18H

Wellbore #1

Survey: MWD Surveys

Standard Survey Report

07 December, 2011

Wolverine Directional, LLC

Survey Report

Company:	Sandridge Energy	**Local Co-ordinate Reference:**	Well Sean 1-18H
Project:	Comanche (KS27S)	**TVD Reference:**	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 19-T31S-19W - GRID	**MD Reference:**	WELL @ 0.0ft (Original Well Elev)
Well:	Sean 1-18H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Design Wellbore #1

Audit Notes:

Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	1.44

Survey Program **Date** 2011/12/07

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
947.0	9,860.0	MWD Surveys (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
947.0	0.30	237.30	947.0	-1.3	-2.1	-1.4	0.03	0.03	0.00
First MWD Survey									
1,135.0	0.70	236.10	1,135.0	-2.2	-3.5	-2.3	0.21	0.21	-0.64
1,419.0	1.30	174.50	1,419.0	-6.4	-4.6	-6.5	0.40	0.21	-21.69
1,705.0	0.30	209.10	1,704.9	-10.3	-4.6	-10.4	0.37	-0.35	12.10
1,991.0	0.40	300.30	1,990.9	-10.5	-5.9	-10.6	0.18	0.03	31.89
2,468.0	0.50	288.30	2,467.9	-9.0	-9.3	-9.2	0.03	0.02	-2.52
2,944.0	0.30	319.10	2,943.9	-7.4	-12.1	-7.7	0.06	-0.04	6.47
3,420.0	0.80	38.20	3,419.9	-3.8	-10.8	-4.1	0.17	0.11	16.62
3,895.0	1.00	30.20	3,894.8	2.4	-6.7	2.2	0.05	0.04	-1.68
3,927.0	0.80	29.80	3,926.8	2.8	-6.4	2.6	0.63	-0.63	-1.25
3,959.0	0.80	48.70	3,958.8	3.2	-6.2	3.0	0.82	0.00	59.06
3,990.0	0.90	25.60	3,989.8	3.5	-5.9	3.4	1.14	0.32	-74.52
4,022.0	0.90	30.60	4,021.8	4.0	-5.7	3.8	0.25	0.00	15.63
4,054.0	1.00	49.60	4,053.8	4.4	-5.3	4.2	1.03	0.31	59.38
4,086.0	0.70	49.40	4,085.8	4.7	-5.0	4.5	0.94	-0.94	-0.63
4,117.0	0.80	49.00	4,116.8	4.9	-4.6	4.8	0.32	0.32	-1.29
4,150.0	1.00	38.40	4,149.8	5.3	-4.3	5.2	0.79	0.61	-32.12
4,181.0	1.90	3.20	4,180.8	6.0	-4.1	5.9	3.96	2.90	-113.55
4,213.0	4.70	355.70	4,212.7	7.9	-4.2	7.8	8.83	8.75	-23.44
4,245.0	7.20	0.30	4,244.5	11.2	-4.3	11.1	7.95	7.81	14.38
4,277.0	9.10	5.50	4,276.2	15.7	-4.0	15.6	6.36	5.94	16.25
4,308.0	10.80	6.00	4,306.8	21.0	-3.5	20.9	5.49	5.48	1.61
4,340.0	12.70	6.40	4,338.1	27.5	-2.8	27.4	5.94	5.94	1.25
4,372.0	15.10	3.50	4,369.1	35.2	-2.1	35.1	7.81	7.50	-9.06
4,404.0	17.30	3.80	4,399.9	44.1	-1.5	44.0	6.88	6.88	0.94
4,435.0	19.30	5.00	4,429.3	53.8	-0.8	53.7	6.56	6.45	3.87
4,467.0	21.40	5.40	4,459.3	64.9	0.2	64.8	6.58	6.56	1.25
4,499.0	23.40	4.60	4,488.9	77.0	1.3	77.0	6.32	6.25	-2.50
4,531.0	25.70	4.90	4,518.0	90.3	2.4	90.3	7.20	7.19	0.94
4,563.0	27.70	5.40	4,546.6	104.6	3.7	104.6	6.29	6.25	1.56
4,594.0	29.00	5.50	4,573.9	119.2	5.1	119.3	4.20	4.19	0.32
4,626.0	30.20	5.00	4,601.7	135.0	6.5	135.1	3.83	3.75	-1.56
4,658.0	32.00	4.30	4,629.1	151.4	7.9	151.6	5.74	5.63	-2.19
4,690.0	34.40	3.30	4,655.9	168.9	9.0	169.1	7.69	7.50	-3.13
4,721.0	36.60	2.90	4,681.1	186.9	10.0	187.1	7.14	7.10	-1.29
4,753.0	38.20	2.90	4,706.5	206.3	11.0	206.5	5.00	5.00	0.00
4,785.0	40.30	2.70	4,731.3	226.5	12.0	226.8	6.57	6.56	-0.63

Wolverine Directional, LLC

Survey Report

Company:	Sandridge Energy	**Local Co-ordinate Reference:**	Well Sean 1-18H
Project:	Comanche (KS27S)	**TVD Reference:**	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 19-T31S-19W - GRID	**MD Reference:**	WELL @ 0.0ft (Original Well Elev)
Well:	Sean 1-18H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,817.0	42.20	3.30	4,755.3	247.6	13.1	247.9	6.06	5.94	1.88
4,848.0	43.80	2.90	4,778.0	268.7	14.2	269.0	5.24	5.16	-1.29
4,880.0	45.50	3.20	4,800.8	291.2	15.4	291.5	5.35	5.31	0.94
4,912.0	47.70	3.10	4,822.8	314.4	16.7	314.7	6.88	6.88	-0.31
4,944.0	49.90	3.00	4,843.8	338.4	18.0	338.8	6.88	6.88	-0.31
4,975.0	50.40	2.80	4,863.7	362.2	19.2	362.6	1.69	1.61	-0.65
5,007.0	49.90	3.00	4,884.2	386.7	20.4	387.1	1.63	-1.56	0.63
5,039.0	49.90	2.30	4,904.8	411.2	21.5	411.6	1.67	0.00	-2.19
5,071.0	49.50	2.60	4,925.5	435.6	22.6	436.0	1.44	-1.25	0.94
5,102.0	49.60	2.80	4,945.6	459.1	23.7	459.6	0.59	0.32	0.65
5,134.0	51.30	3.20	4,966.0	483.8	25.0	484.2	5.40	5.31	1.25
5,166.0	53.60	4.00	4,985.5	509.1	26.6	509.6	7.46	7.19	2.50
5,197.0	56.10	4.10	5,003.4	534.4	28.4	534.9	8.07	8.06	0.32
5,229.0	59.10	3.90	5,020.5	561.3	30.3	561.9	9.39	9.38	-0.63
5,261.0	62.60	3.40	5,036.1	589.2	32.0	589.8	11.02	10.94	-1.56
5,293.0	66.20	2.30	5,049.9	618.0	33.5	618.7	11.67	11.25	-3.44
5,325.0	69.30	2.70	5,062.0	647.6	34.8	648.3	9.76	9.69	1.25
5,356.0	72.40	2.10	5,072.2	676.9	36.0	677.5	10.17	10.00	-1.94
5,388.0	75.50	1.90	5,081.0	707.6	37.1	708.3	9.71	9.69	-0.63
5,420.0	78.40	1.60	5,088.3	738.7	38.0	739.5	9.11	9.06	-0.94
5,452.0	81.60	0.90	5,093.8	770.2	38.7	771.0	10.23	10.00	-2.19
5,477.0	83.30	0.60	5,097.1	795.0	39.0	795.8	6.90	6.80	-1.20
5,541.0	86.20	1.30	5,103.0	858.7	40.1	859.5	4.66	4.53	1.09
5,573.0	86.60	1.10	5,105.0	890.7	40.7	891.4	1.40	1.25	-0.63
5,605.0	86.60	0.60	5,106.9	922.6	41.2	923.4	1.56	0.00	-1.56
5,636.0	86.90	0.90	5,108.6	953.6	41.6	954.3	1.37	0.97	0.97
5,668.0	87.10	0.50	5,110.3	985.5	42.0	986.3	1.40	0.63	-1.25
5,700.0	87.40	0.30	5,111.8	1,017.5	42.2	1,018.2	1.13	0.94	-0.63
5,732.0	86.90	0.30	5,113.4	1,049.4	42.4	1,050.2	1.56	-1.56	0.00
5,763.0	86.70	359.90	5,115.2	1,080.4	42.5	1,081.1	1.44	-0.65	-1.29
5,796.0	86.00	0.40	5,117.3	1,113.3	42.5	1,114.0	2.60	-2.12	1.52
5,828.0	86.30	0.80	5,119.4	1,145.2	42.9	1,146.0	1.56	0.94	1.25
5,860.0	87.70	0.20	5,121.1	1,177.2	43.2	1,177.9	4.76	4.38	-1.88
5,892.0	89.30	0.50	5,121.9	1,209.2	43.3	1,209.9	5.09	5.00	0.94
5,923.0	89.90	0.30	5,122.1	1,240.2	43.6	1,240.9	2.04	1.94	-0.65
5,955.0	90.20	359.90	5,122.1	1,272.2	43.6	1,272.9	1.56	0.94	-1.25
5,987.0	90.40	359.70	5,121.9	1,304.2	43.5	1,304.9	0.88	0.63	-0.63
6,019.0	91.00	359.80	5,121.6	1,336.2	43.4	1,336.9	1.90	1.88	0.31
6,051.0	91.20	359.80	5,120.9	1,368.2	43.3	1,368.8	0.63	0.63	0.00
6,083.0	91.60	359.50	5,120.2	1,400.2	43.1	1,400.8	1.56	1.25	-0.94
6,115.0	91.70	359.70	5,119.2	1,432.2	42.8	1,432.8	0.70	0.31	0.63
6,210.0	90.20	0.40	5,117.7	1,527.1	42.9	1,527.7	1.74	-1.58	0.74
6,306.0	90.50	0.40	5,117.1	1,623.1	43.6	1,623.7	0.31	0.31	0.00
6,401.0	91.60	359.90	5,115.3	1,718.1	43.8	1,718.7	1.27	1.16	-0.53
6,497.0	90.10	359.00	5,113.9	1,814.1	42.9	1,814.6	1.82	-1.56	-0.94
6,593.0	91.50	0.00	5,112.6	1,910.1	42.1	1,910.5	1.79	1.46	1.04
6,689.0	92.10	0.40	5,109.6	2,006.0	42.4	2,006.5	0.75	0.63	0.42
6,720.0	92.20	0.20	5,108.4	2,037.0	42.6	2,037.4	0.72	0.32	-0.65
6,784.0	87.90	359.70	5,108.3	2,101.0	42.5	2,101.4	6.76	-6.72	-0.78
6,816.0	86.80	359.30	5,109.8	2,133.0	42.2	2,133.3	3.66	-3.44	-1.25
6,848.0	86.60	358.00	5,111.7	2,164.9	41.5	2,165.3	4.10	-0.63	-4.06
6,880.0	87.10	358.20	5,113.4	2,196.8	40.4	2,197.1	1.68	1.56	0.63
6,912.0	88.10	358.30	5,114.8	2,228.8	39.5	2,229.1	3.14	3.13	0.31
6,944.0	89.10	359.50	5,115.5	2,260.8	38.8	2,261.0	4.88	3.13	3.75

Wolverine Directional, LLC

Survey Report

Company:	Sandridge Energy	**Local Co-ordinate Reference:**	Well Sean 1-18H
Project:	Comanche (KS27S)	**TVD Reference:**	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 19-T31S-19W - GRID	**MD Reference:**	WELL @ 0.0ft (Original Well Elev)
Well:	Sean 1-18H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,975.0	90.40	359.50	5,115.7	2,291.8	38.6	2,292.0	4.19	4.19	0.00
7,007.0	90.70	0.60	5,115.4	2,323.8	38.6	2,324.0	3.56	0.94	3.44
7,039.0	90.60	0.40	5,115.0	2,355.8	38.9	2,356.0	0.70	-0.31	-0.63
7,071.0	90.40	359.90	5,114.7	2,387.8	39.0	2,388.0	1.68	-0.63	-1.56
7,103.0	90.00	0.00	5,114.6	2,419.8	38.9	2,420.0	1.29	-1.25	0.31
7,135.0	89.40	0.20	5,114.8	2,451.8	39.0	2,452.0	1.98	-1.88	0.63
7,167.0	89.10	359.80	5,115.2	2,483.8	39.0	2,484.0	1.56	-0.94	-1.25
7,199.0	89.20	0.20	5,115.7	2,515.8	39.0	2,515.9	1.29	0.31	1.25
7,230.0	89.20	0.50	5,116.1	2,546.7	39.2	2,546.9	0.97	0.00	0.97
7,262.0	89.40	1.80	5,116.5	2,578.7	39.8	2,578.9	4.11	0.63	4.06
7,294.0	90.90	1.80	5,116.4	2,610.7	40.8	2,610.9	4.69	4.69	0.00
7,326.0	92.80	2.40	5,115.4	2,642.7	42.0	2,642.9	6.23	5.94	1.88
7,358.0	93.50	2.90	5,113.6	2,674.6	43.5	2,674.8	2.69	2.19	1.56
7,390.0	93.10	2.80	5,111.8	2,706.5	45.1	2,706.8	1.29	-1.25	-0.31
7,422.0	90.90	2.40	5,110.7	2,738.5	46.5	2,738.8	6.99	-6.88	-1.25
7,453.0	91.20	2.90	5,110.1	2,769.4	47.9	2,769.7	1.88	0.97	1.61
7,485.0	90.20	2.30	5,109.7	2,801.4	49.4	2,801.7	3.64	-3.13	-1.88
7,517.0	89.10	2.30	5,109.9	2,833.4	50.7	2,833.7	3.44	-3.44	0.00
7,549.0	89.50	2.30	5,110.3	2,865.3	52.0	2,865.7	1.25	1.25	0.00
7,581.0	90.00	2.10	5,110.4	2,897.3	53.2	2,897.7	1.68	1.56	-0.63
7,613.0	90.40	1.90	5,110.3	2,929.3	54.3	2,929.7	1.40	1.25	-0.63
7,645.0	91.30	2.30	5,109.8	2,961.3	55.5	2,961.7	3.08	2.81	1.25
7,740.0	88.50	1.30	5,110.0	3,056.2	58.5	3,056.7	3.13	-2.95	-1.05
7,772.0	88.10	0.70	5,111.0	3,088.2	59.0	3,088.7	2.25	-1.25	-1.88
7,836.0	89.80	2.10	5,112.1	3,152.1	60.6	3,152.7	3.44	2.66	2.19
7,868.0	90.50	2.50	5,112.0	3,184.1	61.9	3,184.7	2.52	2.19	1.25
7,932.0	91.10	2.50	5,111.2	3,248.0	64.7	3,248.6	0.94	0.94	0.00
7,964.0	90.90	2.30	5,110.6	3,280.0	66.0	3,280.6	0.88	-0.63	-0.63
8,027.0	89.80	1.70	5,110.2	3,343.0	68.2	3,343.6	1.99	-1.75	-0.95
8,059.0	89.00	1.00	5,110.5	3,375.0	69.0	3,375.6	3.32	-2.50	-2.19
8,123.0	89.10	1.20	5,111.6	3,438.9	70.2	3,439.6	0.35	0.16	0.31
8,219.0	90.20	2.50	5,112.2	3,534.9	73.3	3,535.6	1.77	1.15	1.35
8,314.0	90.70	2.20	5,111.4	3,629.8	77.2	3,630.6	0.61	0.53	-0.32
8,410.0	91.80	2.10	5,109.4	3,725.7	80.8	3,726.6	1.15	1.15	-0.10
8,505.0	92.50	1.60	5,105.8	3,820.6	83.8	3,821.5	0.91	0.74	-0.53
8,537.0	92.60	1.40	5,104.4	3,852.6	84.7	3,853.5	0.70	0.31	-0.63
8,601.0	92.20	2.10	5,101.7	3,916.5	86.6	3,917.4	1.26	-0.63	1.09
8,696.0	91.30	3.20	5,098.8	4,011.3	91.0	4,012.3	1.50	-0.95	1.16
8,792.0	90.00	3.40	5,097.7	4,107.2	96.6	4,108.3	1.37	-1.35	0.21
8,824.0	90.30	3.80	5,097.6	4,139.1	98.6	4,140.3	1.56	0.94	1.25
8,887.0	89.80	2.60	5,097.6	4,202.0	102.1	4,203.2	2.06	-0.79	-1.90
8,983.0	88.00	1.20	5,099.4	4,297.9	105.3	4,299.2	2.38	-1.88	-1.46
9,015.0	88.80	1.60	5,100.3	4,329.9	106.0	4,331.2	2.79	2.50	1.25
9,079.0	88.60	1.40	5,101.7	4,393.8	107.7	4,395.2	0.44	-0.31	-0.31
9,174.0	90.50	1.50	5,102.5	4,488.8	110.1	4,490.2	2.00	2.00	0.11
9,270.0	90.50	1.60	5,101.7	4,584.8	112.7	4,586.2	0.10	0.00	0.10
9,365.0	91.40	1.80	5,100.1	4,679.7	115.5	4,681.1	0.97	0.95	0.21
9,461.0	93.90	2.90	5,095.6	4,775.5	119.5	4,777.0	2.84	2.60	1.15
9,524.0	93.50	2.30	5,091.6	4,838.3	122.3	4,839.9	1.14	-0.63	-0.95
9,556.0	92.90	3.00	5,089.8	4,870.2	123.8	4,871.8	2.88	-1.88	2.19
9,588.0	91.80	3.60	5,088.5	4,902.2	125.6	4,903.8	3.91	-3.44	1.88
9,620.0	90.70	3.20	5,087.8	4,934.1	127.5	4,935.7	3.66	-3.44	-1.25
9,652.0	90.60	3.30	5,087.4	4,966.0	129.3	4,967.7	0.44	-0.31	0.31
9,748.0	91.00	3.70	5,086.1	5,061.9	135.2	5,063.7	0.59	0.42	0.42

Wolverine Directional, LLC

Survey Report

Company:	Sandridge Energy	**Local Co-ordinate Reference:**	Well Sean 1-18H
Project:	Comanche (KS27S)	**TVD Reference:**	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 19-T31S-19W - GRID	**MD Reference:**	WELL @ 0.0ft (Original Well Elev)
Well:	Sean 1-18H	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

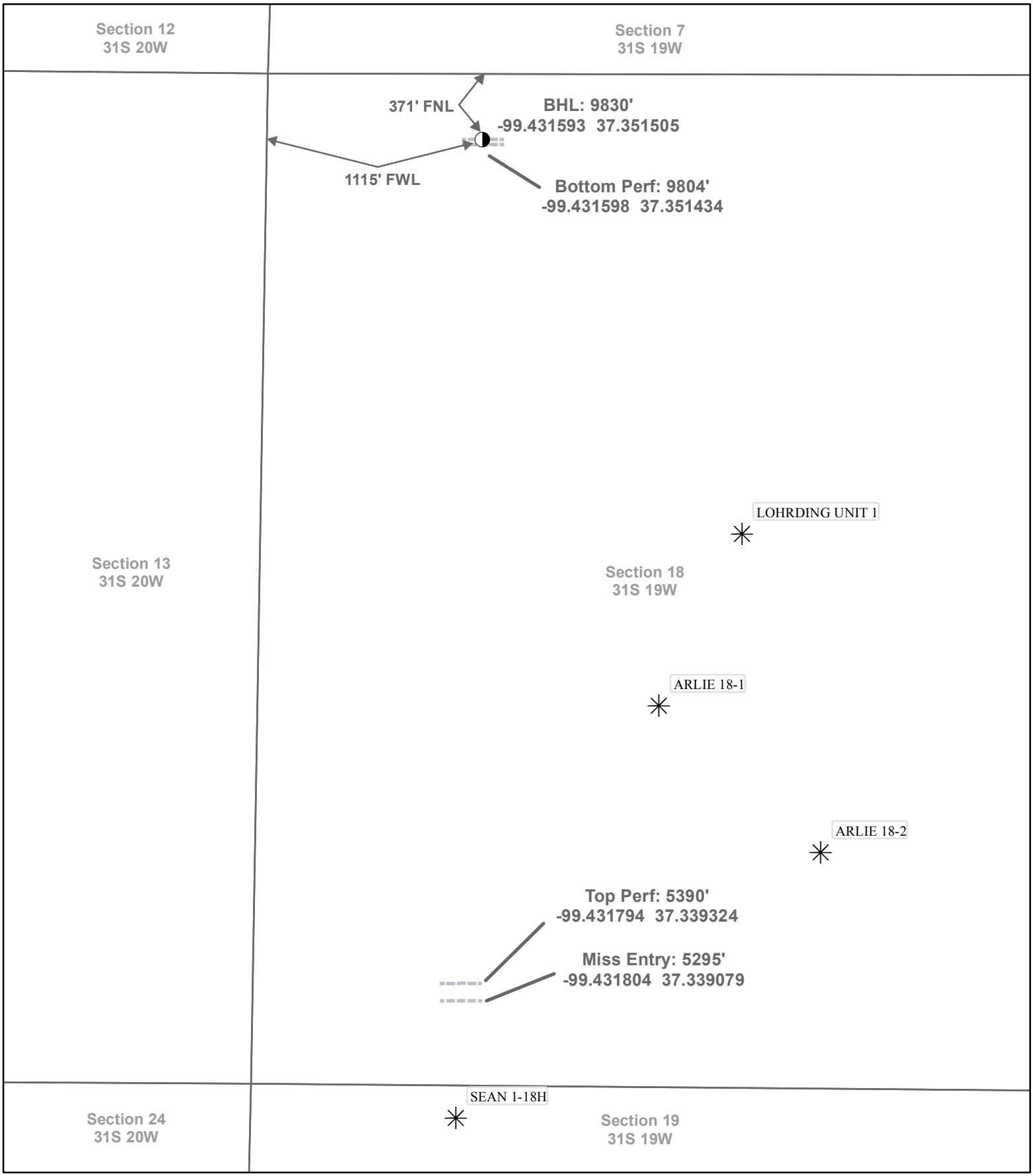
Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,810.0	91.20	3.70	5,084.9	5,123.7	139.2	5,125.6	0.32	0.32	0.00
Last MWD Survey									
9,857.3	91.20	3.70	5,083.9	5,170.9	142.3	5,172.9	0.00	0.00	0.00
Sean 1-18H PBHL									
9,860.0	91.20	3.70	5,083.8	5,173.6	142.4	5,175.5	0.00	0.00	0.00
Proj to TD									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
947.0	947.0	-1.3	-2.1	First MWD Survey
9,810.0	5,084.9	5,123.7	139.2	Last MWD Survey
9,860.0	5,083.8	5,173.6	142.4	Proj to TD

Checked By: _____ Approved By: _____ Date: _____



SANDRIDGE
THE POWER OF US

Actual BH Location
SandRidge Wells
Perf
Sections

Actual Bottom-Hole Location of Sean 1-18H
Comanche County, Kansas
T&R: 31S 19W
Section: 18, 1115' FWL & 371' FNL
Long/Lat:: -99.431593 37.351505

1 in = 667 ft

0 490 980 1,960 Feet

N

Draftsman: Matt White	Draft Date: 3/15/2012
Drawing Name/Number: Addendum_Sean_1-18H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	