

**WELL COMPLETION FORM**
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Confidentiality Requested:

 Yes No

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West_____ Feet from North / South Line of Section_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE NW SE SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY Confidentiality Requested

Date: _____

 Confidential Release Date: _____ Wireline Log Received Geologist Report Received UIC DistributionALT I II III Approved by: _____ Date: _____



1153664

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	Depth

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

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Toews 2629 1-21H
Doc ID	1153664

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	8972-9203	5418 bbls water, 36 bbls acid, 106M lbs sd, 5418 TLTR	
6	8631-8888	5326 bbls water, 36 bbls acid, 100M lbs sd, 10744 TLTR	
6	8292-8507	5277 bbls water, 36 bbls acid, 106M lbs sd, 16021 TLTR	
6	7870-8127	5100 bbls water, 36 bbls acid, 100M lbs sd, 21121 TLTR	
6	7510-7753	5285 bbls water, 36 bbls acid, 103M lbs sd, 26406 TLTR	
6	7110-7366	5280bbls water, 36 bbls acid, 108M lbs sd, 31686 TLTR	
6	6696-6953	5312 bbls water, 36 bbls acid, 102M lbs sd, 36998 TLTR	
6	6359-6613	5226 bbls water, 36 bbls acid, 101M lbs sd, 42224 TLTR	
6	5969-6225	5257 bbls water, 36 bbls acid, 97M lbs sd, 47481 TLTR	
6	5558-5845	4742 bbls water, 36 bbls acid, 91M lbs sd, 52223 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Toews 2629 1-21H
Doc ID	1153664

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	5243-5493	4931 bbls water, 36 bbls acid, 104M lbs sd, 57212 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Toews 2629 1-21H
Doc ID	1153664

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	24	20	75	90	Mid-Continent Conductor 8 sack grout	10	none
Surface	12.25	9.63	36	1535	Halliburton Extendacem and Swiftcem System	560	3% Calcium Chloride, .25lbm Poly-E-Flake
Intermediate	8.75	7	26	5410	Halliburton Econocem and Halcem Systems	250	.4% Halad(R)-9, 2lbm Kol-Seal, 2% Bentonite
Production	6.12	4.5	11.6	9365	Halliburton Econocem System	450	.4% halad(R)-9, 2lbm Kol-Seal, 2% Bentonite

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802
Phone: (580)254-5400
Fax: (580)254-3242

Date	Invoice #
6/8/2012	1358

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
John Fortune	Net 45	6/8/2012	Toews #1-21H, Gray Cnty, KS	Lariat 3

Item	Quantity	Description
Conductor Hole	100	Drilled 100 ft. conductor hole.
20" Pipe	100	Furnished 100 ft. of 20 inch conductor pipe.
Mouse Hole	80	Drilled 80 ft. mouse hole.
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Mud, Water, & Trucking	1	Transport mud and water to location
Grout & Trucking	10	Furnished 10 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor & Equip. for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits

AFE Number: DC 12123
 Well Name: Toews 1-21H
 Code: 850-01a
 Amount: 24,450⁸⁰
 Co. Man: Tommy White
 Co. Man Sig.: [Signature]
 Notes: [Signature]

Subtotal	\$24,450.00
Sales Tax (0.0%)	\$0.00
Total	\$24,450.00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2937784	Quote #:	Sales Order #: 9648187
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Ivey, Ronnie	
Well Name: Toews 2629	Well #: 1-21H	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Gray	State: Kansas
Legal Description: Section 21 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 3	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RALSTON, ANTHONY/MBU ID Emp #: 448065	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DALRYMPLE, BRIAN Kieth	4	456242	Martinez, Joesph	4.0	523879	Norton, Bruce	4.0	499926
RALSTON, ANTHONY Kenneth	4	448065						

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
07/08/2012	4	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	08 - Jul - 2012	01:30	CST
Form Type			BHST	On Location	08 - Jul - 2012	09:30	CST
Job depth MD	1537. ft		Job Depth TVD	Job Started	08 - Jul - 2012	10:55	CST
Water Depth			Wk Ht Above Floor	Job Completed	08 - Jul - 2012	11:58	CST
Perforation Depth (MD)	From		To	Departed Loc	08 - Jul - 2012	13:30	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
12.25" Open Hole				12.25				.	1572.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1572.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR - GRANULATED	80	LB		
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HES
Float Shoe		2			Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	HES
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	4	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	400.0	sacks	12.4	2.12	11.68	6.5	11.68
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	160.0	sacks	15.6	1.2	5.32	6	5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
4	Displacement		112.00	bbl	8.33	.0	.0	6	
Calculated Values		Pressures			Volumes				
Displacement	112	Shut In: Instant		Lost Returns	NO	Cement Slurry	185	Pad	
Top Of Cement	SURF	5 Min		Cement Returns	30	Actual Displacement	112	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	307
Rates									
Circulating		Mixing	6.25	Displacement	6	Avg. Job			6.1259
Cement Left In Pipe	Amount	86.5 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					

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2937784	Quote #:	Sales Order #: 9666632
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Ivey, Ronnie	
Well Name: Toews 2629	Well #: 1-21H	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Gray	State: Kansas
Legal Description: Section 21 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 3	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RALSTON, ANTHONY MBU ID Emp #: 448065	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CLEMENS, ANTHONY Jason	8.5	198516	COFFMAN, TYLER Richard	9.5	511173	Mendoza, Victor	9.5	442596
RALSTON, ANTHONY Kenneth	9.5	448065						

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

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	15 - Jul - 2012	09:30	CST
Form Type			BHST	On Location	15 - Jul - 2012	16:00	CST
Job depth MD	5437. ft		Job Depth TVD	Job Started	15 - Jul - 2012	21:20	CST
Water Depth			Wk Ht Above Floor	Job Completed	15 - Jul - 2012	22:42	CST
Perforation Depth (MD)	From		To	Departed Loc	16 - Jul - 2012	00:30	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
8.75" Open Hole				8.75				1572.	5410.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5437.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1538.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	HES
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	4	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	150.0	sacks	13.6	1.57	7.47	7	7.47
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.465 Gal	FRESH WATER							
3	Tail Cement	HALGEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.19	5.3	5	5.3
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.298 Gal	FRESH WATER							
4	Displacement (TBC)		204.00	bbl	8.33	.0	.0	6	
Calculated Values		Pressures			Volumes				
Displacement	204	Shut In: Instant		Lost Returns	0	Cement Slurry	63	Pad	
Top Of Cement	3210	5 Min		Cement Returns	0	Actual Displacement	204	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	277
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			6
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					

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2937784	Quote #:	Sales Order #: 9685178
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Ivey, Ronnie	
Well Name: Toews 2629	Well #: 1-21H	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Gray	State: Kansas
Legal Description: Section 21 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 3	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: NGUYEN, VINH		Srvc Supervisor: AGUILERA, FABIAN	MBU ID Emp #: 442123

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN	12	442123	HEIDT, JAMES Nicholas	12	517102	MENDOZA, VICTOR	10	442596
NORTON, BRUCE Wayne	10	499926	REDFEARN, BRADY Tanner	12	497317			

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
7/24/2012	12	1.5						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	23 - Jul - 2012	18:00	CST
Form Type			BHST	Job Started	23 - Jul - 2012	22:30	CST
Job depth MD	9290.2 ft		Job Depth TVD	Job Started	24 - Jul - 2012	10:07	CST
Water Depth			Wk Ht Above Floor	Job Completed	24 - Jul - 2012	11:38	CST
Perforation Depth (MD)	From	To		Departed Loc	24 - Jul - 2012	14:00	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				5426.	9338.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5029.	9338.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5426.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5029.		

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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Caustic Water Spacer		10.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	450.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Displacement		118.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	116 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	123 BBL	Pad	
Top Of Cement	2857.19 FT.	5 Min		Cement Returns	0	Actual Displacement	116 BBL	Treatment	
Frac Gradient		15 Min		Spacers	30 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	3	Mixing	5	Displacement	5.5	Avg. Job	4		
Cement Left In Pipe	Amount	80 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, INC.(mid-con.)

Gray County (KA27N)

Sec 21-T26S-R29W

Toews 2629 1-21H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

26 July, 2012

Archer



Archer Directional Drilling Services
Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Toews 2629 1-21H
Project:	Gray County (KA27N)	TVD Reference:	WELL @ 2767.0usft (Original Well Elev)
Site:	Sec 21-T26S-R29W	MD Reference:	WELL @ 2767.0usft (Original Well Elev)
Well:	Toews 2629 1-21H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Gray County (KA27N)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site	Sec 21-T26S-R29W		
Site Position:		Northing:	411,490.94 usft
From:	Map	Easting:	1,424,957.60 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	37° 46' 47.751 N
		Longitude:	100° 29' 23.400 W
		Grid Convergence:	-1.22 °

Well	Toews 2629 1-21H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	37° 46' 47.751 N
		Longitude:	100° 29' 23.400 W
		Ground Level:	2,747.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	06/29/12	6.13	65.51	52,037

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	181.69	

Survey Program	Date 07/26/12			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
250.0	1,535.0	Gyro (Wellbore #1)	MWD	MWD - Standard
1,679.0	9,365.0	Archer MWD Survey (Wellbore #1)	MWD	MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Buid Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
250.0	0.40	13.80	250.0	0.8	0.2	-0.9	0.16	0.16	0.00	
500.0	0.50	13.80	500.0	2.8	0.7	-2.8	0.04	0.04	0.00	
750.0	0.30	13.80	750.0	4.4	1.1	-4.5	0.08	-0.08	0.00	
1,535.0	1.00	13.80	1,534.9	13.1	3.2	-13.2	0.09	0.09	0.00	
Last Gyro										
1,679.0	0.80	18.30	1,678.9	15.3	3.8	-15.4	0.15	-0.14	3.13	
2,147.0	0.60	29.30	2,146.9	20.5	6.1	-20.7	0.05	-0.04	2.35	
2,611.0	1.20	60.90	2,610.8	25.0	11.5	-25.3	0.16	0.13	6.81	
3,079.0	1.30	69.70	3,078.7	29.2	20.8	-29.8	0.05	0.02	1.88	



Archer Directional Drilling Services
Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Toews 2629 1-21H
Project:	Gray County (KA27N)	TVD Reference:	WELL @ 2767.0usft (Original Well Elev)
Site:	Sec 21-T26S-R29W	MD Reference:	WELL @ 2767.0usft (Original Well Elev)
Well:	Toews 2629 1-21H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,558.0	1.40	93.40	3,557.6	30.8	31.7	-31.7	0.12	0.02	4.95
3,844.0	1.10	111.90	3,843.5	29.5	37.7	-30.6	0.17	-0.10	6.47
3,939.0	1.10	108.70	3,938.5	28.9	39.4	-30.0	0.06	0.00	-3.37
4,003.0	1.00	103.60	4,002.5	28.6	40.6	-29.8	0.21	-0.16	-7.97
4,035.0	1.00	104.40	4,034.5	28.4	41.1	-29.6	0.04	0.00	2.50
4,066.0	1.10	114.30	4,065.5	28.2	41.6	-29.5	0.67	0.32	31.94
4,097.0	2.10	140.50	4,096.5	27.7	42.3	-28.9	3.92	3.23	84.52
4,129.0	3.50	154.70	4,128.4	26.3	43.1	-27.6	4.85	4.38	44.38
4,161.0	5.30	158.20	4,160.3	24.1	44.0	-25.4	5.68	5.63	10.94
4,193.0	6.50	159.00	4,192.2	21.0	45.2	-22.4	3.76	3.75	2.50
4,225.0	7.90	164.10	4,223.9	17.2	46.5	-18.6	4.81	4.38	15.94
4,257.0	10.40	167.70	4,255.5	12.3	47.7	-13.7	8.01	7.81	11.25
4,289.0	12.80	171.30	4,286.8	6.0	48.8	-7.4	7.83	7.50	11.25
4,321.0	14.70	174.30	4,317.9	-1.6	49.8	0.1	6.34	5.94	9.38
4,353.0	17.80	176.70	4,348.6	-10.5	50.5	9.0	9.91	9.69	7.50
4,385.0	20.70	179.70	4,378.8	-21.1	50.8	19.5	9.57	9.06	9.38
4,417.0	22.90	182.00	4,408.6	-32.9	50.6	31.4	7.37	6.88	7.19
4,449.0	24.40	183.20	4,437.9	-45.8	50.0	44.3	4.92	4.69	3.75
4,481.0	26.20	183.10	4,466.8	-59.4	49.3	57.9	5.63	5.63	-0.31
4,513.0	28.20	183.20	4,495.3	-74.0	48.4	72.6	6.25	6.25	0.31
4,544.0	30.40	182.80	4,522.3	-89.2	47.7	87.7	7.12	7.10	-1.29
4,576.0	33.50	182.80	4,549.4	-106.1	46.8	104.6	9.69	9.69	0.00
4,608.0	36.00	183.00	4,575.7	-124.3	45.9	122.9	7.82	7.81	0.63
4,640.0	37.20	182.70	4,601.4	-143.3	45.0	142.0	3.79	3.75	-0.94
4,672.0	38.50	183.40	4,626.7	-163.0	43.9	161.6	4.28	4.06	2.19
4,704.0	40.00	184.10	4,651.5	-183.2	42.6	181.8	4.89	4.69	2.19
4,736.0	42.50	184.80	4,675.5	-204.2	40.9	202.9	7.94	7.81	2.19
4,768.0	45.20	183.90	4,698.6	-226.3	39.3	225.0	8.66	8.44	-2.81
4,799.0	48.40	183.40	4,719.8	-248.8	37.8	247.6	10.39	10.32	-1.61
4,831.0	51.00	182.90	4,740.5	-273.2	36.5	272.0	8.21	8.13	-1.56
4,863.0	51.50	182.70	4,760.5	-298.1	35.3	297.0	1.64	1.56	-0.63
4,895.0	51.50	183.10	4,780.5	-323.1	34.0	322.0	0.98	0.00	1.25
4,927.0	51.10	182.80	4,800.5	-348.1	32.7	347.0	1.45	-1.25	-0.94
4,958.0	50.60	182.80	4,820.0	-372.1	31.5	371.0	1.61	-1.61	0.00
4,990.0	50.00	182.80	4,840.5	-396.7	30.3	395.6	1.88	-1.88	0.00
5,023.0	49.30	182.30	4,861.9	-421.8	29.2	420.8	2.42	-2.12	-1.52
5,055.0	50.90	181.90	4,882.4	-446.3	28.3	445.3	5.09	5.00	-1.25
5,086.0	53.60	182.70	4,901.4	-470.8	27.3	469.8	8.95	8.71	2.58
5,118.0	56.70	182.50	4,919.6	-497.1	26.2	496.1	9.70	9.69	-0.63
5,150.0	59.20	182.60	4,936.6	-524.2	24.9	523.2	7.82	7.81	0.31
5,182.0	62.50	181.50	4,952.2	-552.1	23.9	551.1	10.74	10.31	-3.44
5,214.0	66.00	180.20	4,966.1	-580.9	23.5	579.9	11.53	10.94	-4.06
5,245.0	69.50	179.70	4,977.8	-609.6	23.6	608.8	11.39	11.29	-1.61



Archer Directional Drilling Services
Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Toews 2629 1-21H
Project:	Gray County (KA27N)	TVD Reference:	WELL @ 2767.0usft (Original Well Elev)
Site:	Sec 21-T26S-R29W	MD Reference:	WELL @ 2767.0usft (Original Well Elev)
Well:	Toews 2629 1-21H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,277.0	73.20	180.10	4,988.1	-639.9	23.6	638.9	11.62	11.56	1.25
5,309.0	77.70	179.50	4,996.1	-670.9	23.7	669.9	14.18	14.06	-1.88
5,341.0	81.80	179.10	5,001.8	-702.3	24.1	701.3	12.87	12.81	-1.25
5,373.0	86.00	179.40	5,005.2	-734.2	24.5	733.1	13.16	13.13	0.94
5,389.0	88.40	179.70	5,006.0	-750.1	24.6	749.1	15.12	15.00	1.88
5,434.0	91.80	180.60	5,005.9	-795.1	24.5	794.1	7.82	7.56	2.00
5,465.0	91.70	180.80	5,005.0	-826.1	24.1	825.0	0.72	-0.32	0.65
5,497.0	91.50	180.90	5,004.1	-858.1	23.7	857.0	0.70	-0.63	0.31
5,591.0	91.10	181.80	5,001.9	-952.0	21.5	951.0	1.05	-0.43	0.96
5,685.0	91.00	181.80	5,000.2	-1,046.0	18.5	1,045.0	0.11	-0.11	0.00
5,778.0	89.10	182.40	5,000.1	-1,138.9	15.1	1,138.0	2.14	-2.04	0.65
5,872.0	88.60	181.90	5,002.0	-1,232.8	11.6	1,231.9	0.75	-0.53	-0.53
5,965.0	88.50	182.00	5,004.4	-1,325.7	8.4	1,324.9	0.15	-0.11	0.11
6,059.0	89.40	181.60	5,006.1	-1,419.7	5.5	1,418.9	1.05	0.96	-0.43
6,151.0	90.30	181.90	5,006.3	-1,511.6	2.6	1,510.9	1.03	0.98	0.33
6,244.0	89.60	181.80	5,006.4	-1,604.6	-0.4	1,603.9	0.76	-0.75	-0.11
6,275.0	89.40	181.90	5,006.7	-1,635.6	-1.4	1,634.9	0.72	-0.65	0.32
6,305.0	90.60	182.10	5,006.7	-1,665.6	-2.4	1,664.9	4.06	4.00	0.67
6,336.0	91.90	182.70	5,006.0	-1,696.5	-3.7	1,695.9	4.62	4.19	1.94
6,367.0	92.50	183.00	5,004.8	-1,727.5	-5.2	1,726.9	2.16	1.94	0.97
6,398.0	92.70	183.00	5,003.4	-1,758.4	-6.9	1,757.8	0.65	0.65	0.00
6,429.0	92.40	183.00	5,002.0	-1,789.3	-8.5	1,788.8	0.97	-0.97	0.00
6,459.0	92.00	183.20	5,000.9	-1,819.2	-10.1	1,818.7	1.49	-1.33	0.67
6,490.0	91.90	183.70	4,999.8	-1,850.2	-12.0	1,849.7	1.64	-0.32	1.61
6,521.0	91.10	183.50	4,999.0	-1,881.1	-13.9	1,880.7	2.66	-2.58	-0.65
6,551.0	90.80	183.60	4,998.5	-1,911.0	-15.8	1,910.7	1.05	-1.00	0.33
6,582.0	91.00	183.80	4,998.0	-1,942.0	-17.8	1,941.6	0.91	0.65	0.65
6,613.0	91.80	184.40	4,997.3	-1,972.9	-20.0	1,972.6	3.23	2.58	1.94
6,643.0	91.60	184.40	4,996.4	-2,002.8	-22.3	2,002.6	0.67	-0.67	0.00
6,675.0	89.80	183.90	4,996.0	-2,034.7	-24.6	2,034.5	5.84	-5.63	-1.56
6,706.0	89.30	183.80	4,996.2	-2,065.6	-26.7	2,065.5	1.64	-1.61	-0.32
6,738.0	88.70	183.80	4,996.8	-2,097.5	-28.8	2,097.5	1.88	-1.88	0.00
6,770.0	88.60	183.70	4,997.5	-2,129.5	-30.9	2,129.4	0.44	-0.31	-0.31
6,802.0	88.70	183.90	4,998.3	-2,161.4	-33.0	2,161.4	0.70	0.31	0.63
6,834.0	87.60	183.40	4,999.3	-2,193.3	-35.1	2,193.4	3.78	-3.44	-1.56
6,865.0	86.80	183.40	5,000.8	-2,224.2	-36.9	2,224.3	2.58	-2.58	0.00
6,887.0	87.40	183.40	5,002.0	-2,246.1	-38.2	2,246.3	2.73	2.73	0.00
6,919.0	88.90	183.60	5,003.0	-2,278.1	-40.1	2,278.3	4.73	4.69	0.63
6,951.0	89.50	183.90	5,003.4	-2,310.0	-42.2	2,310.2	2.10	1.88	0.94
6,983.0	89.80	184.00	5,003.6	-2,341.9	-44.4	2,342.2	0.99	0.94	0.31
7,015.0	89.60	184.30	5,003.8	-2,373.8	-46.8	2,374.2	1.13	-0.63	0.94
7,047.0	89.50	183.80	5,004.1	-2,405.8	-49.0	2,406.1	1.59	-0.31	-1.56
7,080.0	89.70	184.20	5,004.3	-2,438.7	-51.3	2,439.1	1.36	0.61	1.21



Archer Directional Drilling Services
Survey Report



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Project:	Gray County (KA27N)	TVD Reference:	WELL @ 2767.0usft (Original Well Elev)
Site:	Sec 21-T26S-R29W	MD Reference:	WELL @ 2767.0usft (Original Well Elev)
Well:	Toews 2629 1-21H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (%/100usft)	Build Rate (%/100usft)	Turn Rate (%/100usft)
7,112.0	89.60	183.90	5,004.5	-2,470.6	-53.6	2,471.1	0.99	-0.31	-0.94
7,144.0	89.50	183.70	5,004.7	-2,502.5	-55.7	2,503.1	0.70	-0.31	-0.63
7,175.0	89.50	183.70	5,005.0	-2,533.5	-57.7	2,534.1	0.00	0.00	0.00
7,207.0	89.90	183.40	5,005.2	-2,565.4	-59.7	2,566.0	1.56	1.25	-0.94
7,303.0	90.30	183.30	5,005.0	-2,661.2	-65.3	2,662.0	0.43	0.42	-0.10
7,398.0	89.10	183.00	5,005.5	-2,756.1	-70.5	2,757.0	1.30	-1.26	-0.32
7,493.0	89.50	182.50	5,006.7	-2,851.0	-75.1	2,851.9	0.67	0.42	-0.53
7,588.0	89.20	182.60	5,007.7	-2,945.9	-79.3	2,946.9	0.33	-0.32	0.11
7,683.0	89.80	182.20	5,008.6	-3,040.8	-83.3	3,041.9	0.76	0.63	-0.42
7,778.0	92.30	184.40	5,006.8	-3,135.6	-88.7	3,136.8	3.51	2.63	2.32
7,874.0	91.00	184.40	5,004.1	-3,231.3	-96.1	3,232.7	1.35	-1.35	0.00
7,906.0	91.20	184.90	5,003.4	-3,263.2	-98.7	3,264.6	1.68	0.63	1.56
7,938.0	89.20	184.20	5,003.3	-3,295.0	-101.2	3,296.6	6.62	-6.25	-2.19
7,970.0	87.90	184.10	5,004.1	-3,327.0	-103.6	3,328.6	4.07	-4.06	-0.31
8,002.0	87.90	184.00	5,005.3	-3,358.9	-105.8	3,360.5	0.31	0.00	-0.31
8,034.0	88.00	183.90	5,006.5	-3,390.8	-108.0	3,392.5	0.44	0.31	-0.31
8,066.0	88.00	183.80	5,007.6	-3,422.7	-110.2	3,424.4	0.31	0.00	-0.31
8,098.0	88.00	183.80	5,008.7	-3,454.6	-112.3	3,456.4	0.00	0.00	0.00
8,130.0	88.00	183.80	5,009.8	-3,486.5	-114.4	3,488.3	0.00	0.00	0.00
8,162.0	87.90	183.70	5,011.0	-3,518.4	-116.5	3,520.3	0.44	-0.31	-0.31
8,194.0	88.00	183.50	5,012.1	-3,550.3	-118.5	3,552.3	0.70	0.31	-0.63
8,226.0	88.40	183.50	5,013.1	-3,582.2	-120.5	3,584.2	1.25	1.25	0.00
8,258.0	88.40	183.50	5,014.0	-3,614.2	-122.4	3,616.2	0.00	0.00	0.00
8,354.0	88.30	183.10	5,016.8	-3,710.0	-127.9	3,712.1	0.43	-0.10	-0.42
8,449.0	89.00	181.80	5,019.0	-3,804.8	-132.0	3,807.1	1.55	0.74	-1.37
8,545.0	89.00	182.00	5,020.7	-3,900.8	-135.2	3,903.1	0.21	0.00	0.21
8,641.0	88.80	181.90	5,022.5	-3,996.7	-138.4	3,999.1	0.23	-0.21	-0.10
8,673.0	88.70	182.00	5,023.2	-4,028.7	-139.5	4,031.0	0.44	-0.31	0.31
8,705.0	88.70	182.10	5,023.9	-4,060.7	-140.7	4,063.0	0.31	0.00	0.31
8,737.0	89.00	181.80	5,024.6	-4,092.6	-141.8	4,095.0	1.33	0.94	-0.94
8,769.0	90.20	181.50	5,024.8	-4,124.6	-142.7	4,127.0	3.87	3.75	-0.94
8,801.0	90.20	181.50	5,024.7	-4,156.6	-143.5	4,159.0	0.00	0.00	0.00
8,833.0	89.90	181.50	5,024.7	-4,188.6	-144.4	4,191.0	0.94	-0.94	0.00
8,865.0	91.00	181.30	5,024.4	-4,220.6	-145.1	4,223.0	3.49	3.44	-0.63
8,897.0	91.10	181.10	5,023.8	-4,252.6	-145.8	4,255.0	0.70	0.31	-0.63
8,929.0	91.40	180.60	5,023.1	-4,284.6	-146.3	4,287.0	1.82	0.94	-1.56
8,961.0	91.30	180.40	5,022.4	-4,316.5	-146.6	4,319.0	0.70	-0.31	-0.63
8,993.0	91.30	180.30	5,021.7	-4,348.5	-146.8	4,351.0	0.31	0.00	-0.31
9,025.0	92.20	180.30	5,020.7	-4,380.5	-146.9	4,383.0	2.81	2.81	0.00
9,057.0	92.40	180.40	5,019.4	-4,412.5	-147.1	4,414.9	0.70	0.63	0.31
9,089.0	92.20	180.50	5,018.1	-4,444.5	-147.4	4,446.9	0.70	-0.63	0.31
9,121.0	92.00	179.50	5,016.9	-4,476.4	-147.4	4,478.8	3.18	-0.63	-3.13
9,153.0	92.00	179.30	5,015.8	-4,508.4	-147.0	4,510.8	0.62	0.00	-0.63
9,184.0	92.10	179.30	5,014.7	-4,539.4	-146.7	4,541.8	0.32	0.32	0.00



Archer Directional Drilling Services
Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Toews 2629 1-21H
Project:	Gray County (KA27N)	TVD Reference:	WELL @ 2767.0usft (Original Well Elev)
Site:	Sec 21-T26S-R29W	MD Reference:	WELL @ 2767.0usft (Original Well Elev)
Well:	Toews 2629 1-21H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,217.0	92.10	179.40	5,013.5	-4,672.4	-146.3	4,574.7	0.30	0.00	0.30	
9,248.0	92.00	179.20	5,012.4	-4,603.4	-145.9	4,605.7	0.72	-0.32	-0.65	
9,280.0	92.00	179.20	5,011.3	-4,635.3	-145.5	4,637.6	0.00	0.00	0.00	
9,312.0	92.10	178.80	5,010.1	-4,667.3	-144.9	4,669.6	1.29	0.31	-1.25	
Last Archer Survey										
9,365.0	92.10	178.80	5,008.2	-4,720.3	-143.8	4,722.4	0.00	0.00	0.00	
Projection to TD										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,535.0	1,534.9	13.1	3.2	Last Gyro
9,312.0	5,010.1	-4,667.3	-144.9	Last Archer Survey
9,365.0	5,008.2	-4,720.3	-143.8	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Section 16
26S 29W

Section 15 MILLERSHASKI 2629 1-15H
26S 29W *

TOEWS 2629 1-21H



Miss Entry: 4931'
-100.48966 37.778989

Top Perf: 5243'
-100.48965 37.778278

Section 21
26S 29W

Section 22
26S 29W

Bottom Perf: 8972'
-100.48963 37.768186

BHL: 9366'
-100.48956 37.767089

357' FSL 414' FEL

Section 28
26S 29W

Section 27
26S 29W



Actual Bottom-Hole Location of Toews 2629 1-21H
Gray County, Kansas
T&R: 26S 29W
Section: 21, 414' FEL & 357' FSL
Long/Lat: -100.48956 37.767089

1 in = 667 ft



● Actual BH Location

* SandRidge Wells

Perf

Sections



Draftsman:

Aaron Birk

Draft Date: 7/30/2013

Drawing Name/Number:

Addendum_Toews_2629_1-21H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Logo

Back to Well Completion

Toews 2629 1-21H (1088469)

Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

Attachments

Two Year Confidentiality OPERATOR	View PDF Delete
Cement Reports OPERATOR	View PDF Delete
Directional Survey OPERATOR	View PDF Delete
As Drilled Plat OPERATOR	View PDF Delete

[Add Attachment](#)

Remarks

Remarks to KCC

[Add Remark](#)

Remarks

Tiffany Golay 10/02/012 11:07 am	Additonal Fluid Mgmt Info: 240bbls hauled to Weinett Disposal LLC, NW/4 Sec. 1079 Block 43, Lipscomb, TX
Tiffany Golay 09/24/012 11:59 am	Conductor set with 10yds of grout; weight= 94 lbs/ft

Summary of Changes

Lease Name and Number: Toews 2629 1-21H

API/Permit #: 15-069-20378-01-00

Doc ID: 1153664

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	10/08/2012	08/15/2013
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1088469	../../../../kcc/detail/operatorEditDetail.cfm?docID=1153664

Summary of Attachments

Lease Name and Number: Toews 2629 1-21H

API: 15-069-20378-01-00

Doc ID: 1153664

Correction Number: 1

Attachment Name

Attachments



CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____