Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1095303

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: William Scott
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 #:

8/31/2012 Spud Date or Recompletion Date
9/29/2012 Date Reached TD
10/2/2012 Completion Date or Recompletion Date

API No. 15 - 15-069-20392-01-00
Spot Description:
SE - SW - SW - SW Sec. 28 Twp. 26 S. R. 29 ☐ East ☑ West
200 Feet from ☐ North / ☑ South Line of Section
400 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: Gray
Lease Name: Toews 2629 Well #: 1-28H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 2734 Kelly Bushing: 2754
Total Vertical Depth: 9325 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1533 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: 1920 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
Operator Name: Chaosland Disposal
Lease Name: (Reclamation Yard) License #: 99999
Quarter SE Sec. 33 Twp. 29 S. R. 37 ☐ East ☑ West
County: Grant, KS Permit #: KDH #890

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: 12/26/2012
☑ **Confidential Release Date:** 12/26/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 12/26/2012

1095303

Operator Name: SandRidge Exploration and Production LLC Lease Name: Toews 2629 Well #: 1-28H

Sec. 28 Twp. 26 S. R. 29 ☐ East ☑ West County: Gray

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:

Density
Induction

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

Name	Top	Datum
Heebner	4142	
Lansing	4225	
Marmaton	4683	
Fort Scott	4785	
Cherokee	4804	
Mississippian	4948	

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. 11/22/2012

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	Toews 2629 1-28H
Doc ID	1095303

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	8885-9118	5851 bbls water, 36 bbls acid, 99M lbs sd, 5851 TLTR	
6	8517-8770	5397 bbls water, 36 bbls acid, 100M lbs sd, 11617 TLTR	
6	8152-8405	5429 bbls water, 36 bbls acid, 100M lbs sd, 17206 TLTR	
6	7812-8033	5274 bbls water, 38 bbls acid, 100M lbs sd, 22623 TLTR	
6	7450-7724	5187 bbls water, 36 bbls acid, 100M lbs sd, 27982 TLTR	
6	7102-7353	5312 bbls water, 36 bbls acid, 99M lbs sd, 33415 TLTR	
6	6376-6641	5217 bbls water, 36 bbls acid, 99M lbs sd, 44019 TLTR	
6	6062-6291	5478 bbls water, 36 bbls acid, 100M lbs sd, 49514 TLTR	
6	5647-5924	4978 bbls water, 36 bbls acid, 100M lbs sd, 54548 TLTR	
6	5260-5553	5006 bbls water, 36 bbls acid, 100M lbs sd, 59554 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Toews 2629 1-28H
Doc ID	1095303

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	20	20	75	130	4500 PSI Concrete	14	none
Surface	12.25	9.63	36	1533	Halliburton Extendacem and Swiftcem Systems	560	3% Calcium Chloride, .25 lbm Poly-E-Flake
Intermediate	8.75	7	26	5500	Halliburton Econocem and Halcem Systems	250	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Liner	6.12	4.5	11.6	9325	Halliburton Econocem System	450	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite

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/

October 01, 2012

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

Re: ACO1
API 15-069-20392-01-00
Toews 2629 1-28H
SW/4 Sec.28-26S-29W
Gray 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

SANDRIDGE
THE POWER OF US

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

Survey
TOEWS 2629 1-28H

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

Step

Wellbores - Step #2

Actual Deviation Survey	Wellbore Name
Rig Wireline, Proposed? No	Original Hole

Deviation Surveys - Step #1

Description	Date	VS Dir (°)	Comment
Rig Wireline			

Tie-in Data

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

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
245	0.3	349.00		RIG WIRELI	245	1	0.52	-0.10	0.10
547	0.3	349.00		RIG WIRELI	547	2	1.82	-0.35	0.00
732	0.5	349.00		RIG WIRELI	732	3	3.01	-0.58	0.14
1,008	0.3	349.00		RIG WIRELI	1,008	5	4.78	-0.93	0.09
1,300	0.5	349.00		RIG WIRELI	1,300	7	6.66	-1.29	0.09
1,636	0.8	349.70	ARCHER	MWD	1,636	10	10.40	-1.99	0.09
1,827	1.3	19.90	ARCHER	MWD	1,827	14	13.75	-1.49	0.38
2,016	1.6	24.00	ARCHER	MWD	2,016	18	18.18	0.31	0.17
2,207	1.4	24.30	ARCHER	MWD	2,207	23	22.74	2.35	0.10
2,398	1.1	21.40	ARCHER	MWD	2,398	27	26.57	3.98	0.16
2,588	0.9	0.20	ARCHER	MWD	2,588	30	29.76	4.65	0.22
2,779	0.8	348.90	ARCHER	MWD	2,779	33	32.57	4.40	0.10
2,968	0.8	348.90	ARCHER	MWD	2,968	35	35.16	3.89	0.00
3,159	1.1	347.60	ARCHER	MWD	3,159	38	38.26	3.24	0.16
3,350	1.0	358.00	ARCHER	MWD	3,350	42	41.72	2.79	0.11
3,593	1.1	5.80	ARCHER	MWD	3,593	46	46.16	2.95	0.07
3,726	1.0	358.40	ARCHER	MWD	3,726	49	48.59	3.05	0.13
3,916	1.1	358.60	ARCHER	MWD	3,916	52	52.07	2.96	0.05
4,019	1.0	7.70	ARCHER	MWD	4,019	54	53.95	3.06	0.19
4,041	1.3	4.20	ARCHER	MWD	4,041	54	54.39	3.10	1.40
4,072	1.2	1.90	ARCHER	MWD	4,072	55	55.06	3.14	0.36
4,104	1.8	1.50	ARCHER	MWD	4,103	56	55.90	3.16	1.88
4,135	3.9	5.00	ARCHER	MWD	4,134	58	57.44	3.27	6.79
4,167	6.1	5.70	ARCHER	MWD	4,166	60	60.21	3.53	6.88
4,199	8.2	4.40	ARCHER	MWD	4,198	64	64.18	3.87	6.58
4,230	9.8	1.50	ARCHER	MWD	4,229	69	69.02	4.11	5.36
4,262	11.6	0.60	ARCHER	MWD	4,260	75	74.96	4.22	5.65
4,294	13.7	0.30	ARCHER	MWD	4,291	82	81.97	4.27	6.57
4,325	16.0	1.00	ARCHER	MWD	4,321	90	89.91	4.36	7.44
4,357	18.1	359.40	ARCHER	MWD	4,352	99	99.29	4.39	6.72
4,388	20.4	358.60	ARCHER	MWD	4,381	110	109.51	4.21	7.47
4,420	22.9	358.20	ARCHER	MWD	4,411	121	121.31	3.87	7.83
4,451	24.8	358.30	ARCHER	MWD	4,439	134	133.84	3.49	6.13
4,482	26.4	358.50	ARCHER	MWD	4,467	147	147.23	3.12	5.17
4,514	27.6	359.30	ARCHER	MWD	4,496	162	161.75	2.84	3.92
4,545	29.9	359.30	ARCHER	MWD	4,523	177	176.66	2.66	7.42
4,577	32.6	359.50	ARCHER	MWD	4,550	193	193.26	2.49	8.44
4,609	34.4	359.60	ARCHER	MWD	4,577	211	210.92	2.35	5.63
4,640	35.9	0.10	ARCHER	MWD	4,602	229	228.77	2.30	4.93
4,672	37.9	1.70	ARCHER	MWD	4,628	248	247.98	2.61	6.93
4,703	39.1	2.80	ARCHER	MWD	4,652	267	267.26	3.37	4.46
4,734	40.3	3.60	ARCHER	MWD	4,676	287	287.03	4.48	4.21
4,766	43.1	3.90	ARCHER	MWD	4,700	308	308.27	5.87	8.77
4,797	46.3	3.40	ARCHER	MWD	4,722	330	330.03	7.26	10.38
4,829	49.4	3.40	ARCHER	MWD	4,743	354	353.71	8.66	9.69

SANDRIDGE
THE POWER OF US

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

Survey
TOEWS 2629 1-28H

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

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
4,860	50.9	3.70	ARCHER	MWD	4,763	378	377.46	10.14	4.90
4,892	50.8	3.30	ARCHER	MWD	4,783	402	402.23	11.65	1.02
4,923	50.6	2.80	ARCHER	MWD	4,803	426	426.18	12.93	1.41
4,955	50.2	1.80	ARCHER	MWD	4,823	451	450.82	13.92	2.71
4,986	49.5	0.70	ARCHER	MWD	4,843	475	474.51	14.44	3.53
5,017	48.8	0.00	ARCHER	MWD	4,864	498	497.96	14.58	2.83
5,049	49.8	359.30	ARCHER	MWD	4,885	522	522.22	14.43	3.54
5,080	53.0	359.80	ARCHER	MWD	4,904	547	546.44	14.25	10.40
5,112	56.4	0.00	ARCHER	MWD	4,922	573	572.55	14.20	10.64
5,143	59.5	0.50	ARCHER	MWD	4,939	599	598.82	14.32	10.09
5,175	62.1	0.80	ARCHER	MWD	4,955	627	626.75	14.63	8.17
5,207	64.2	1.50	ARCHER	MWD	4,969	655	655.30	15.21	6.85
5,239	67.5	2.20	ARCHER	MWD	4,982	685	684.47	16.15	10.50
5,270	70.7	3.00	ARCHER	MWD	4,993	713	713.40	17.47	10.60
5,302	73.8	3.60	ARCHER	MWD	5,003	744	743.82	19.23	9.85
5,333	77.8	3.10	ARCHER	MWD	5,010	774	773.82	20.98	13.00
5,365	80.4	3.10	ARCHER	MWD	5,017	805	805.19	22.68	8.12
5,397	82.8	4.40	ARCHER	MWD	5,021	837	836.78	24.75	8.51
5,428	85.8	5.10	ARCHER	MWD	5,024	868	867.52	27.31	9.93
5,450	87.4	5.10	ARCHER	MWD	5,026	890	889.39	29.26	7.27
5,558	90.6	6.20	ARCHER	MWD	5,027	998	996.83	39.89	3.13
5,590	90.4	6.50	ARCHER	MWD	5,027	1,030	1,028.63	43.43	1.13
5,622	90.3	6.30	ARCHER	MWD	5,027	1,061	1,060.43	46.99	0.70
5,654	90.8	6.60	ARCHER	MWD	5,027	1,093	1,092.23	50.59	1.82
5,685	92.5	5.80	ARCHER	MWD	5,026	1,124	1,123.04	53.93	6.06
5,717	93.0	5.80	ARCHER	MWD	5,024	1,156	1,154.83	57.16	1.56
5,749	93.1	5.90	ARCHER	MWD	5,023	1,188	1,186.62	60.42	0.44
5,781	92.0	4.40	ARCHER	MWD	5,021	1,220	1,218.46	63.29	5.81
5,812	91.8	4.50	ARCHER	MWD	5,020	1,251	1,249.35	65.69	0.72
5,844	92.2	4.30	ARCHER	MWD	5,019	1,283	1,281.24	68.15	1.40
5,875	91.8	3.50	ARCHER	MWD	5,018	1,314	1,312.15	70.26	2.88
5,908	90.4	2.70	ARCHER	MWD	5,017	1,347	1,345.09	72.04	4.89
5,939	90.3	2.40	ARCHER	MWD	5,017	1,378	1,376.06	73.42	1.02
5,971	90.6	2.90	ARCHER	MWD	5,017	1,410	1,408.02	74.90	1.82
6,003	90.6	3.00	ARCHER	MWD	5,016	1,442	1,439.98	76.55	0.31
6,035	90.9	3.10	ARCHER	MWD	5,016	1,474	1,471.93	78.25	0.99
6,066	89.7	2.80	ARCHER	MWD	5,016	1,505	1,502.89	79.84	3.99
6,098	88.8	1.90	ARCHER	MWD	5,016	1,537	1,534.86	81.15	3.98
6,130	88.6	1.60	ARCHER	MWD	5,017	1,569	1,566.84	82.13	1.13
6,162	88.7	2.00	ARCHER	MWD	5,018	1,601	1,598.81	83.14	1.29
6,193	88.9	2.00	ARCHER	MWD	5,018	1,632	1,629.79	84.22	0.65
6,224	89.2	2.10	ARCHER	MWD	5,019	1,663	1,660.76	85.33	1.02
6,256	89.5	2.30	ARCHER	MWD	5,019	1,695	1,692.74	86.56	1.13
6,288	88.5	2.10	ARCHER	MWD	5,020	1,727	1,724.71	87.78	3.19
6,319	88.5	2.10	ARCHER	MWD	5,021	1,758	1,755.67	88.92	0.00
6,352	88.6	2.00	ARCHER	MWD	5,022	1,791	1,788.64	90.10	0.43
6,383	88.9	2.20	ARCHER	MWD	5,022	1,822	1,819.61	91.24	1.16
6,415	89.2	2.30	ARCHER	MWD	5,023	1,854	1,851.59	92.49	0.99
6,447	87.8	1.50	ARCHER	MWD	5,024	1,886	1,883.56	93.55	5.04
6,478	87.8	1.50	ARCHER	MWD	5,025	1,917	1,914.52	94.36	0.00
6,510	87.9	1.60	ARCHER	MWD	5,026	1,949	1,946.49	95.23	0.44
6,541	88.2	1.20	ARCHER	MWD	5,027	1,980	1,977.46	95.98	1.61

SANDRIDGE
THE POWER OF US

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

Survey
TOEWS 2629 1-28H

Step #1 - Create a Deviation Survey

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

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
6,573	88.3	1.00	ARCHER	MWD	5,028	2,012	2,009.44	96.60	0.70
6,605	88.4	1.40	ARCHER	MWD	5,029	2,044	2,041.42	97.27	1.29
6,669	89.7	1.40	ARCHER	MWD	5,030	2,108	2,105.39	98.83	2.03
6,733	90.2	1.90	ARCHER	MWD	5,030	2,172	2,169.36	100.67	1.10
6,796	90.8	1.50	ARCHER	MWD	5,029	2,235	2,232.33	102.54	1.14
6,859	91.1	1.50	ARCHER	MWD	5,028	2,298	2,295.30	104.19	0.48
6,922	91.2	1.90	ARCHER	MWD	5,027	2,361	2,358.26	106.06	0.65
6,985	91.4	2.10	ARCHER	MWD	5,026	2,424	2,421.21	108.26	0.45
7,048	91.3	1.70	ARCHER	MWD	5,024	2,487	2,484.16	110.35	0.65
7,112	91.1	1.30	ARCHER	MWD	5,023	2,551	2,548.12	112.02	0.70
7,144	91.2	1.50	ARCHER	MWD	5,022	2,583	2,580.10	112.80	0.70
7,177	91.2	1.40	ARCHER	MWD	5,022	2,616	2,613.09	113.64	0.30
7,208	91.2	1.20	ARCHER	MWD	5,021	2,647	2,644.07	114.34	0.65
7,240	91.0	1.50	ARCHER	MWD	5,020	2,679	2,676.06	115.10	1.13
7,271	90.8	1.20	ARCHER	MWD	5,020	2,710	2,707.04	115.83	1.16
7,303	90.6	1.20	ARCHER	MWD	5,019	2,742	2,739.03	116.50	0.62
7,334	90.9	1.50	ARCHER	MWD	5,019	2,772	2,770.02	117.23	1.37
7,367	90.9	1.00	ARCHER	MWD	5,019	2,805	2,803.01	117.95	1.51
7,398	91.4	1.50	ARCHER	MWD	5,018	2,836	2,834.00	118.62	2.28
7,428	92.0	1.20	ARCHER	MWD	5,017	2,866	2,863.98	119.33	2.24
7,460	92.3	1.50	ARCHER	MWD	5,016	2,898	2,895.94	120.08	1.33
7,524	91.3	1.60	ARCHER	MWD	5,014	2,962	2,959.89	121.81	1.57
7,652	90.3	2.20	ARCHER	MWD	5,012	3,090	3,087.80	126.06	0.91
7,716	89.8	2.70	ARCHER	MWD	5,012	3,154	3,151.74	128.79	1.10
7,780	89.2	2.50	ARCHER	MWD	5,013	3,218	3,215.68	131.69	0.99
7,843	89.1	3.10	ARCHER	MWD	5,013	3,281	3,278.59	134.77	0.97
7,906	89.6	2.60	ARCHER	MWD	5,014	3,344	3,341.51	137.90	1.12
7,970	90.4	3.10	ARCHER	MWD	5,014	3,408	3,405.43	141.09	1.47
8,034	90.5	3.20	ARCHER	MWD	5,014	3,472	3,469.33	144.60	0.22
8,096	89.5	3.20	ARCHER	MWD	5,014	3,534	3,531.23	148.06	1.61
8,159	89.9	3.70	ARCHER	MWD	5,014	3,597	3,594.12	151.86	1.02
8,191	88.8	3.70	ARCHER	MWD	5,014	3,629	3,626.05	153.92	3.44
8,256	89.5	3.30	ARCHER	MWD	5,015	3,694	3,690.92	157.89	1.24
8,274	88.9	2.90	ARCHER	MWD	5,016	3,712	3,708.89	158.86	4.01
8,319	89.5	3.60	ARCHER	MWD	5,016	3,757	3,753.82	161.41	2.05
8,383	90.0	2.70	ARCHER	MWD	5,016	3,821	3,817.72	164.93	1.61
8,447	90.7	2.10	ARCHER	MWD	5,016	3,885	3,881.66	167.61	1.44
8,510	91.0	2.50	ARCHER	MWD	5,015	3,948	3,944.60	170.14	0.79
8,573	89.7	2.90	ARCHER	MWD	5,015	4,011	4,007.53	173.10	2.16
8,637	89.8	2.20	ARCHER	MWD	5,015	4,075	4,071.46	175.95	1.10
8,700	89.8	2.80	ARCHER	MWD	5,015	4,138	4,134.40	178.70	0.95
8,764	90.1	3.10	ARCHER	MWD	5,015	4,202	4,198.32	181.99	0.66
8,827	90.3	2.70	ARCHER	MWD	5,015	4,265	4,261.24	185.18	0.71
8,890	90.2	3.40	ARCHER	MWD	5,015	4,328	4,324.15	188.53	1.12
8,954	89.9	2.60	ARCHER	MWD	5,015	4,392	4,388.06	191.88	1.33
9,017	89.7	3.20	ARCHER	MWD	5,015	4,455	4,450.98	195.07	1.00
9,080	89.4	3.10	ARCHER	MWD	5,015	4,518	4,513.88	198.53	0.50
9,143	89.6	2.10	ARCHER	MWD	5,016	4,581	4,576.81	201.39	1.62
9,208	89.2	2.90	ARCHER	MWD	5,017	4,646	4,641.75	204.22	1.38
9,325	88.9	2.90	ARCHER	MWD	5,019	4,763	4,758.58	210.14	0.26

PRO OILFIELD SERVICES, LLC

Conductor, Rat and Mouse Hole Drilling Services

Ticket

Company:

Date: 9/6/2012

Sandridge

Drill Rig:	Location:	Lease Name:
Lariate 20	Gray County	~~Towes 2629 #1-28H~~ DC12317 Towes 2629 1-28H

120' of 30" Drilled Conductor Hole
120' of 20" Conductor Pipe(.250 wall) 82ppf
6'x6' Cellar Tinhorn W/Protective Ring
Drill & Install cellar
75' of 20" Drilled Moushole
75' of 16" Moushole Pipe
Mobilization of Equipment & Road Permitting Fee
Welding Services for Pipe & Lids
Provided Equipment & Labor for Dirt Removal
Provided Personal to Facilitate Diggtess(One Call)
Provide Metal for Lids(1 for the Conductor and 2 for the Mouse hole pipe)
14 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe

AFE Number: DC12317
Well Name: Towes 2629 1-28H
Code: 850.010
Amount: 28,680.00
Co. Man: Emil Fabian
Co. Man Sig.:
Notes:

Comments:)
Thank You For Your Business
If a caving formation and (or) water is found addition fee(s) will be add to cover the cost of tank trucks, vacuum trucks, and cement pump trucks. Prices figured on non-rocky soil conditions, if rock is present then there will be a surcharge.

Total $28,680.00

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

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	1537. ft	**Job Depth TVD**	1537. ft		
Water Depth		**Wk Ht Above Floor**	5. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	08 - Jul - 2012	01:30	CST
On Location	08 - Jul - 2012	09:30	CST
Job Started	08 - Jul - 2012	10:55	CST
Job Completed	08 - Jul - 2012	11:58	CST
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 ft3/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

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	5437. ft	**Job Depth TVD**	5437. ft		
Water Depth		**Wk Ht Above Floor**	8.5 ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	15 - Jul - 2012	09:30	CST
On Location	15 - Jul - 2012	16:00	CST
Job Started	15 - Jul - 2012	21:20	CST
Job Completed	15 - Jul - 2012	22:42	CST
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 ft3/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	HALCEM (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 J	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

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	9290.2 ft	**Job Depth TVD**	9290.2 ft
Water Depth		**Wk Ht Above Floor**	5. ft
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	23 - Jul - 2012	18:00	CST
On Location	23 - Jul - 2012	22:30	CST
Job Started	24 - Jul - 2012	10:07	CST
Job Completed	24 - Jul - 2012	11:38	CST
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 ft3/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	

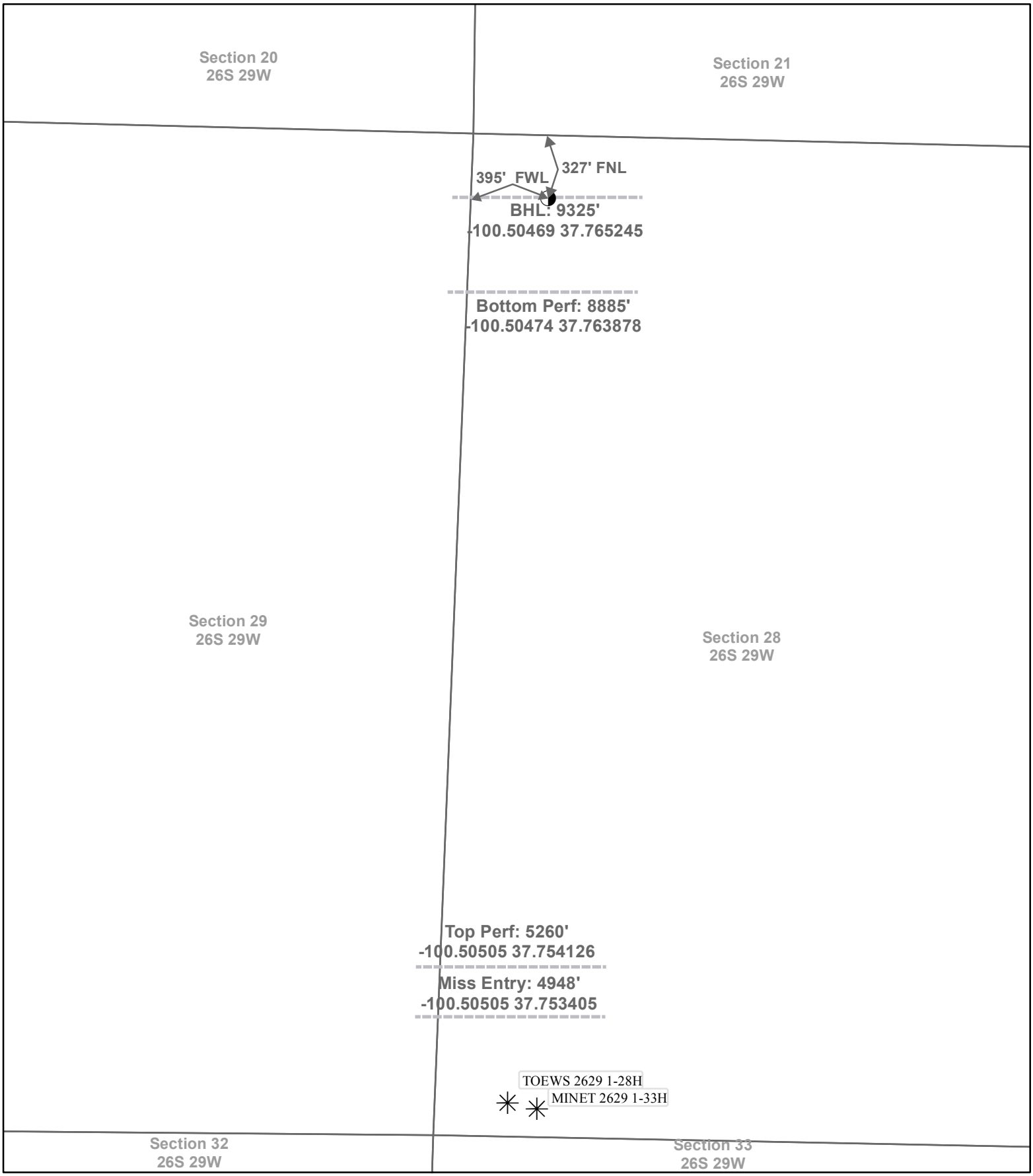
Calculated Values		Pressures		Volumes					
Displacement	116 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	123 BBL	Pad	
Top Of Cement	2857.19 FT.	5 Min		Cement Returns	0	Actual Displacement	116 BBL	Treatment	
Frac Gradient		15 Min		Spacers	30 BBL	Load and Breakdown		Total Job	

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
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Toews 2629 1-28H
Gray County, Kansas
T&R: 26S 29W
Section: 28, 395' FWL & 327' FNL
Long/Lat: -100.50469 37.765245

1 in = 667 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 12/18/2012
Drawing Name/Number: Addendum_Toews_1-28H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Logo

Back to Well Completion

Toews 2629 1-28H (1095303)

Actions
View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

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

Add Attachment

Remarks

Remarks to KCC	

Add Remar

Remarks

Tiffany Golay 12/20/012 01:00 pm	Additional Fluid Mgmt Info: 840 bbls hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43 Lipscomb, TX, 10-0992
Tiffany Golay 12/10/012 08:25 am	Conductor weight= 106.5 lbs/ft