Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1091265

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: NCRA (oil)

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

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

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

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

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

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

7/24/2012 — Spud Date or Recompletion Date
8/17/2012 — Date Reached TD
8/20/2012 — Completion Date or Recompletion Date

API No. 15 - 15-069-20384-01-00
Spot Description:
SW SE SE SE Sec. 30 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: Lawyer 2629 Well #: 1-30H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 2754 Kelly Bushing: 2754
Total Vertical Depth: 9447 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1620 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: 12000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Globe Energy Services
Lease Name: Hatcher 1-12 SWD License #: 34745
Quarter NW Sec. 12 Twp. 34 S. R. 33 ☐ East ☑ West
County: Seward Permit #: D-30331

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: 11/20/2012
☑ **Confidential Release Date:** 11/20/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 11/26/2012

1091265

Operator Name: SandRidge Exploration and Production LLC Lease Name: Lawyer 2629 Well #: 1-30H

Sec. 30 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:

CML Messenger Shuttle Comapct Array Induction Log
CML Messenger Shuttle Compensated Photo Density Compensated Dual Neutron

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

Name	Top	Datum
Heebner	4170	
Lansing	4248	
Marmaton	4717	
Fort Scott	4823	
Cherokee	4837	
Mississippian	4991	

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. 9/10/2012

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	Lawyer 2629 1-30H
Doc ID	1091265

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	9072-9335	5364 bbls water, 36 bbls acid, 100M lbs sd, 5364 TLTR	
6	8689-8943	5493 bbls water, 36 bbls acid, 100M lbs sd, 11004 TLTR	
6	8347-8600	5560 bbls water, 36 bbls acid, 100M lbs sd, 16701 TLTR	
6	7936-8190	5311 bbls water, 36 bbls acid, 100M lbs sd, 22130 TLTR	
6	7600-7839	5365 bbls water, 36 bbls acid, 100M lbs sd, 27606 TLTR	
6	7221-7496	5240 bbls water, 35 bbls acid, 97M lbs sd, 32944 TLTR	
6	6806-7060	5229 bbls water, 36 bbls acid, 100M lbs sd, 38244 TLTR	
6	6430-6697	5198 bbls water, 36 bbls acid, 99M lbs sd, 43498 TLTR	
6	6031-6280	5269 bbls water, 36 bbls acid, 100M lbs sd, 48816 TLTR	
6	5677-5939	5020 bbls water, 36 bbls acid, 103M lbs sd, 53871 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lawyer 2629 1-30H
Doc ID	1091265

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	5300-5554	5377 bbls water, 36 bbls acid, 97M lbs sd, 59279 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lawyer 2629 1-30H
Doc ID	1091265

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	120	4500 PSI concrete	11	none
Surface	12.25	9.63	36	1620	Halliburton Extendacem and Swiftcem Systems	565	3% Calcium Chloride, .25lbm Foly-E-Flake
Intermediate	8.75	7	26	5454	Halliburton Econocem and Halcem Systems	300	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Liner	6.12	4.5	11.6	9447	Halliburton Econocem System	0	.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/

August 21, 2012

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

Re: ACO1
API 15-069-20384-01-00
Lawyer 2629 1-30H
SE/4 Sec.30-26S-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

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name	Target Direction	Slot Coordinate	N / S	E / W	Hole Size	Calculation by	Date
Lawyer 2629 1-30H	2.04						10/30/12
Job Number	**Type of Survey**	**Tie-in Point**				**Directional Co.**	
0							

Meaured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate N + / S -	Total Coordinate E + / W -	Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>		
0	0	0		0.00	0.00	0.00	0.00			
1648	1	303	1648	1,647.97	4.47	4.72	-7.22	0.04	0.04	18.40
1903	0	89	255	1,902.97	5.19	5.47	-7.67	0.34	-0.12	-84.08
2377	1	54	474	2,376.95	6.79	6.95	-4.42	0.08	0.06	-7.34
2885	0	272	508	2,884.94	8.43	8.57	-3.60	0.17	-0.06	42.93
3362	0	289	477	3,361.94	8.80	9.02	-6.03	0.02	0.00	3.54
3839	0	317	477	3,838.93	10.33	10.63	-8.35	0.04	0.02	5.77
4062	1	264	223	4,061.92	10.74	11.10	-9.86	0.18	0.04	-23.54
4095	1	282	33	4,094.92	10.75	11.12	-10.20	0.82	0.61	53.64
4126	1	353	31	4,125.92	11.03	11.40	-10.41	3.07	0.65	231.29
4158	2	2	32	4,157.90	11.94	12.32	-10.42	4.73	4.69	########
4190	4	3	32	4,189.85	13.84	14.22	-10.33	6.26	6.25	5.63
4221	6	360	31	4,220.71	16.76	17.13	-10.27	6.53	6.45	1,150.32
4253	8	360	32	4,252.44	20.87	21.25	-10.28	6.25	6.25	-0.62
4284	11	2	31	4,283.02	25.96	26.34	-10.20	6.88	6.77	########
4316	13	3	32	4,314.37	32.37	32.74	-9.94	6.57	6.56	1.88
4347	15	1	31	4,344.48	39.74	40.11	-9.74	7.56	7.42	-6.13
4379	17	2	32	4,375.24	48.55	48.92	-9.52	6.97	6.88	4.06
4411	20	1	32	4,405.61	58.63	58.99	-9.23	7.83	7.81	-1.88
4443	22	2	32	4,435.55	69.91	70.27	-8.93	6.57	6.56	0.63
4475	24	1	32	4,465.09	82.21	82.57	-8.65	5.67	5.63	-1.88
4506	26	1	31	4,493.24	95.18	95.54	-8.39	8.07	8.06	0.97
4538	27	1	32	4,521.84	109.54	109.89	-8.05	4.06	4.06	0.31
4570	29	1	32	4,550.11	124.53	124.89	-7.79	4.23	4.06	-2.50
4603	31	0	33	4,578.81	140.80	141.16	-7.70	5.81	5.76	-1.52
4634	32	1	31	4,605.38	156.76	157.13	-7.61	3.29	3.23	1.29
4666	34	0	32	4,632.36	173.96	174.34	-7.51	6.58	6.56	-0.94
4697	36	0	31	4,657.75	191.74	192.12	-7.41	9.04	9.03	0.65
4730	39	3	33	4,683.93	211.82	212.20	-6.88	7.80	6.67	6.67
4761	40	1	31	4,707.88	231.49	231.86	-6.26	6.11	5.16	-5.16
4794	43	1	33	4,732.56	253.40	253.77	-5.98	8.54	8.48	-1.52
4825	47	1	31	4,754.57	275.21	275.59	-5.77	11.29	11.29	0.32
4857	49	2	32	4,776.04	298.93	299.31	-5.29	8.81	8.44	3.44
4889	50	2	32	4,796.89	323.21	323.57	-4.57	0.94	0.94	0.00
4920	49	2	31	4,817.08	346.73	347.08	-3.85	1.00	-0.97	0.32
4952	49	2	32	4,837.99	370.95	371.29	-3.09	0.00	0.00	0.00
4984	49	1	32	4,858.92	395.15	395.49	-2.48	1.68	-0.31	-2.19
5016	49	1	32	4,879.94	419.28	419.62	-1.95	1.17	-0.94	0.94
5048	51	2	32	4,900.46	443.83	444.16	-1.29	8.16	8.13	0.94
5079	55	2	31	4,919.14	468.57	468.88	-0.40	10.16	10.00	2.26
5111	58	4	32	4,937.01	495.10	495.38	1.11	10.64	9.69	5.31
5143	61	5	32	4,953.39	522.55	522.76	3.37	10.51	10.00	3.75
5175	64	6	32	4,968.12	550.90	551.03	6.17	11.42	11.25	2.19
5207	68	7	32	4,980.98	580.12	580.15	9.36	11.96	11.88	1.56
5239	72	7	32	4,991.87	610.11	610.04	12.82	11.89	11.88	0.63
5270	75	6	31	5,000.72	639.73	639.56	16.10	9.29	9.03	-2.26
5302	76	8	32	5,008.79	670.57	670.29	19.93	7.64	3.75	6.88
5334	79	9	32	5,015.63	701.63	701.21	24.50	10.38	10.31	1.25
5365	82	9	31	5,020.64	732.01	731.44	29.15	9.08	9.03	0.97
5397	86	8	32	5,023.99	763.63	762.90	33.88	12.07	11.88	-2.19
5429	89	7	32	5,025.30	795.43	794.58	38.22	11.22	10.94	-2.50
5495	91	7	66	5,025.13	861.17	860.07	46.38	2.45	2.27	-0.91
5527	91	8	32	5,024.62	893.04	891.82	50.36	2.19	0.00	2.19
5590	90	6	63	5,024.02	955.81	954.35	57.93	2.21	-1.11	-1.90
5623	90	6	33	5,023.99	988.72	987.16	61.49	1.09	-0.91	-0.61
5687	89	4	64	5,024.49	1,052.64	1,050.92	66.96	3.91	-1.09	-3.75
5720	89	3	33	5,024.89	1,085.63	1,083.86	68.86	2.50	0.61	-2.42

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name	Target Direction	Slot Coordinate	N / S	E / W	Hole Size	Calculation by	Date
Lawyer 2629 1-30H	2.04						10/30/12
Job Number	Type of Survey	Tie-in Point				Directional Co.	
0							

Meaured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate N + / S -	Total Coordinate E + / W -	Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>		
5784	90	0	64	5,025.29	1,149.62	1,147.83	70.64	4.14	0.78	-4.06
5815	90	360	31	5,025.23	1,180.60	1,178.83	70.67	2.07	1.29	1,159.68
5879	91	0	64	5,024.39	1,244.55	1,242.83	70.67	1.54	1.41	-561.88
5911	91	360	32	5,023.67	1,276.52	1,274.82	70.62	1.98	0.63	1,123.13
5974	90	359	63	5,023.17	1,339.45	1,337.81	70.01	3.05	-3.02	-0.48
6006	90	1	32	5,023.29	1,371.43	1,369.81	69.98	4.47	1.87	########
6037	90	360	31	5,023.39	1,402.41	1,400.81	70.04	3.76	-1.94	1,158.06
6102	91	359	65	5,023.22	1,467.34	1,465.80	69.30	2.14	2.00	-0.77
6165	91	359	63	5,022.01	1,530.23	1,528.78	68.04	1.24	0.95	-0.79
6197	92	358	32	5,021.09	1,562.14	1,560.75	67.03	2.95	1.56	-2.50
6261	92	357	64	5,019.19	1,625.92	1,624.66	64.30	1.00	-0.63	-0.78
6293	91	358	32	5,018.47	1,657.82	1,656.63	63.01	2.79	-1.25	2.50
6357	91	358	64	5,017.57	1,721.66	1,720.59	60.95	0.95	-0.94	0.16
6388	91	358	31	5,017.30	1,752.60	1,751.57	60.00	0.32	0.00	0.32
6453	91	358	65	5,016.62	1,817.46	1,816.54	58.13	0.34	0.31	0.15
6484	91	358	31	5,016.16	1,848.39	1,847.52	57.21	1.16	0.97	-0.65
6547	92	358	63	5,014.62	1,911.23	1,910.48	55.34	1.31	1.27	0.32
6579	92	359	32	5,013.48	1,943.16	1,942.45	54.64	2.69	1.56	2.19
6611	91	0	32	5,012.45	1,975.12	1,974.43	54.48	4.69	-2.81	########
6674	91	2	63	5,011.40	2,038.10	2,037.40	55.79	3.19	-1.43	2.86
6738	90	1	64	5,011.01	2,102.10	2,101.37	57.69	1.33	-0.47	-1.25
6769	90	1	31	5,011.06	2,133.09	2,132.36	58.42	1.96	-1.94	0.32
6832	91	1	63	5,011.01	2,196.09	2,195.35	59.74	1.56	1.43	-0.63
6864	91	1	32	5,010.65	2,228.08	2,227.34	60.36	1.13	0.94	0.63
6895	90	2	31	5,010.32	2,259.08	2,258.33	61.20	2.60	-1.29	2.26
6927	91	2	32	5,010.04	2,291.08	2,290.31	62.28	0.70	0.62	0.31
6959	91	2	32	5,009.62	2,323.07	2,322.28	63.46	1.13	0.94	0.63
7024	90	4	65	5,008.94	2,388.06	2,387.19	66.86	2.63	-0.92	2.46
7055	91	3	31	5,008.67	2,419.04	2,418.13	68.81	1.82	1.29	-1.29
7087	90	4	32	5,008.59	2,451.03	2,450.06	70.81	3.66	-3.44	1.25
7119	89	4	32	5,008.87	2,483.02	2,481.99	72.94	0.62	-0.62	0.00
7150	90	3	31	5,009.06	2,514.00	2,512.93	74.85	2.28	1.61	-1.61
7213	90	4	63	5,009.28	2,576.98	2,575.81	78.76	0.85	-0.32	0.79
7245	89	3	32	5,009.53	2,608.97	2,607.75	80.74	1.82	-0.94	-1.56
7309	89	3	64	5,010.20	2,672.95	2,671.65	84.25	0.47	0.00	-0.47
7340	89	3	31	5,010.52	2,703.95	2,702.60	85.93	0.65	0.00	0.65
7403	89	3	63	5,011.24	2,766.93	2,765.50	89.34	0.35	-0.16	-0.32
7435	89	3	32	5,011.66	2,798.92	2,797.45	91.09	0.99	-0.31	0.94
7499	90	3	64	5,011.99	2,862.91	2,861.36	94.56	1.68	1.56	-0.63
7530	90	3	31	5,011.88	2,893.90	2,892.31	96.21	0.97	0.00	0.97
7594	90	3	64	5,011.77	2,957.89	2,956.22	99.61	0.56	-0.31	-0.47
7625	90	3	31	5,011.83	2,988.89	2,987.18	101.18	0.65	-0.65	0.00
7689	90	10	64	5,012.22	3,052.67	3,050.75	108.25	10.79	-0.47	10.78
7720	89	2	31	5,012.57	3,083.57	3,081.56	111.46	24.86	-0.97	-24.84
7783	89	1	63	5,013.39	3,146.57	3,144.52	113.33	1.28	0.16	-1.27
7816	89	0	33	5,013.86	3,179.55	3,177.52	113.71	3.99	-0.61	-3.94
7879	90	1	63	5,014.19	3,242.52	3,240.51	114.20	2.38	1.90	1.43
7911	90	2	32	5,013.99	3,274.52	3,272.50	114.93	2.52	0.31	2.50
7974	90	1	63	5,013.55	3,337.52	3,335.48	116.47	0.95	0.00	-0.95
8005	90	0	31	5,013.36	3,368.51	3,366.48	116.82	2.92	-0.32	-2.90
8069	91	1	64	5,012.86	3,432.48	3,430.48	117.43	1.19	0.47	1.09
8101	91	1	32	5,012.47	3,464.48	3,462.47	118.08	1.68	0.63	1.56
8165	91	1	64	5,011.41	3,528.46	3,526.44	119.47	0.66	0.47	-0.47
8197	91	1	32	5,010.79	3,560.45	3,558.43	119.97	1.25	0.00	-1.25
8260	90	1	63	5,010.02	3,623.43	3,621.42	120.96	1.42	-1.27	0.63
8291	90	1	31	5,009.99	3,654.42	3,652.42	121.45	2.07	-1.61	-1.29
8355	90	1	64	5,010.27	3,718.41	3,716.40	122.62	1.10	-0.16	1.09

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name	Target Direction	Slot Coordinate	N / S	E / W	Hole Size	Calculation by	Date
Lawyer 2629 1-30H	2.04						10/30/12
Job Number	Type of Survey	Tie-in Point				Directional Co.	
0							

Meaured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate N + / S -	Total Coordinate E + / W -	Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>		
8386	90	1	31	5,010.36	3,749.41	3,747.40	123.24	1.88	0.97	-1.61
8418	89	2	32	5,010.75	3,781.40	3,779.39	123.94	4.89	-4.38	2.19
8481	88	3	63	5,012.73	3,844.37	3,842.31	126.20	1.91	-1.27	1.43
8544	89	2	63	5,014.76	3,907.34	3,905.22	128.83	1.16	1.11	-0.32
8576	89	3	32	5,015.51	3,939.33	3,937.18	130.28	2.10	0.94	1.88
8639	89	2	63	5,016.72	4,002.31	4,000.10	133.20	0.85	0.32	-0.79
8671	89	2	32	5,017.28	4,034.30	4,032.07	134.51	0.31	0.00	-0.31
8734	90	2	63	5,017.89	4,097.30	4,095.02	136.98	1.44	1.43	-0.16
8765	90	2	31	5,017.86	4,128.30	4,125.99	138.22	1.16	0.97	0.65
8828	90	2	63	5,017.58	4,191.30	4,188.94	140.75	0.35	0.16	-0.32
8860	91	2	32	5,017.33	4,223.30	4,220.92	141.93	1.13	0.94	-0.63
8923	91	2	63	5,016.23	4,286.29	4,283.88	143.85	1.50	1.27	-0.79
8955	92	1	32	5,015.37	4,318.27	4,315.86	144.66	0.99	0.94	-0.31
9018	91	2	63	5,014.10	4,381.26	4,378.82	146.53	1.99	-1.75	0.95
9050	91	1	32	5,013.74	4,413.26	4,410.80	147.42	2.52	0.31	-2.50
9113	90	1	63	5,013.52	4,476.24	4,473.79	148.58	1.66	-1.59	-0.48
9145	89	1	32	5,013.80	4,508.24	4,505.79	149.08	1.25	-1.25	0.00
9209	89	1	64	5,014.58	4,572.21	4,569.78	149.86	0.62	0.00	-0.63
9240	90	0	31	5,014.91	4,603.20	4,600.77	150.08	0.91	0.65	-0.65
9302	90	359	62	5,015.45	4,665.15	4,662.77	149.75	1.94	0.00	578.71
9334	90	359	32	5,015.70	4,697.10	4,694.76	149.22	0.44	0.31	-0.31
9398	90	359	64	5,016.03	4,760.99	4,758.75	147.82	0.84	0.31	-0.78
9447	90	359	49	5,016.20	4,809.90	4,807.73	146.54	0.00	0.00	0.00
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			
0	0	0		5,016.20	4,809.90	4,807.73	146.54			

PRO OILFIELD SERVICES, LLC

Conductor, Rat and Mouse Hole Drilling Services

Ticket

Company: Sandridge

Date: 7/24/2012

Drill Rig:	Location:	Lease Name:
Lariate 20	Gray County	Lawyer 1-30H DC12315

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)
11 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe

AFE Number: DC12315
Well Name: Lawyer 1-30H
Code: 850D10
Amount: 28680.00
Co. Man: [signature]
Co. Man Sig.: [signature]
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 #:** 2941982	**Quote #:**	**Sales Order #:** 9698954
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Bence, Scott	
Well Name: Lawyer 2629	**Well #:** 1-30H		**API/UWI #:** 15-069-20384
Field:	**City (SAP):** INGALLS	**County/Parish:** Gray	**State:** Kansas
Legal Description: Section 30 Township 26S Range 29W			
Contractor: LARIAT	**Rig/Platform Name/Num:** 20		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** RODRIGUEZ, EDGAR	**MBU ID Emp #:** 442125	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	11	267804	GOMEZ, OSCAR	11	490448	RODRIGUEZ, EDGAR Alejandro	11	442125
TORRES, CLEMENTE	11	344233						

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
7/30/2012	11	3						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	1622.8 ft	**Job Depth TVD**	1622.8 ft
Water Depth		**Wk Ht Above Floor**	5. ft
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	29 - Jul - 2012	20:00	CST
On Location	30 - Jul - 2012	00:00	CST
Job Started	30 - Jul - 2012	12:18	CST
Job Completed	30 - Jul - 2012	13:28	CST
Departed Loc	30 - Jul - 2012	15:00	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
12.25" Open Hole				12.25				.	1300.		
12.25" Open Hole- Lower				12.25				1300.	1600.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1600.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
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					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	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	390.0	sacks	12.4	2.12	11.68		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)	175.0	sacks	15.6	1.19	5.3		5.3
1 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
0.125 lbm		POLY-E-FLAKE (101216940)							
5.302 Gal		FRESH WATER							
4	Displacement		122.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	122	Shut In: Instant		Lost Returns		Cement Slurry	184	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	49	Actual Displacement	122	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	316

Rates							
Circulating		Mixing		Displacement		Avg. Job	

Cement Left In Pipe	Amount	46 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

6.5The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2941982	**Quote #:**	**Sales Order #:** 9724859
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Smith, Pat	
Well Name: Lawyer 2629	**Well #:** 1-30H		**API/UWI #:** 15-069-20384
Field:	**City (SAP):** INGALLS	**County/Parish:** Gray	**State:** Kansas
Legal Description: Section 30 Township 26S Range 29W			
Contractor: Lariat	**Rig/Platform Name/Num:** 20		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** WADE, STEPHEN	**MBU ID Emp #:** 490458	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	6.5	267804	PEREZ, JOSE R	6.5	518945	WADE, STEPHEN Bruce	6.5	490458

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10741245	75 mile	10866807	75 mile	11138994	75 mile	11149169	75 mile
11804860	75 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8/7/2012	6.5	3						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	5461. ft	**Job Depth TVD**	5461. ft
Water Depth		**Wk Ht Above Floor**	5. ft
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	07 - Aug - 2012	09:00	CST
On Location	07 - Aug - 2012	15:00	CST
Job Started	07 - Aug - 2012	18:53	CST
Job Completed	07 - Aug - 2012	20:05	CST
Departed Loc	07 - Aug - 2012	21:30	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				1600.	5454.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5454.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1600.		

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			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

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

Fluid Data

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	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	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.18	5.2		5.2
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.197 Gal	FRESH WATER							
4	Displacement (TBC)		207.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	205	Shut In: Instant		Lost Returns	0	Cement Slurry	63.04	Pad	
Top Of Cement	3239.37	5 Min		Cement Returns	0	Actual Displacement	204	Treatment	
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job	

Rates							
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5

Cement Left In Pipe	Amount	99.22 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 #:** 2941982	**Quote #:**	**Sales Order #:** 9750684
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Smith, Pat	
Well Name: Lawyer 2629	**Well #:** 1-30H		**API/UWI #:** 15-069-20384
Field:	**City (SAP):** INGALLS	**County/Parish:** Gray	**State:** Kansas
Legal Description: Section 30 Township 26S Range 29W			
Contractor: LARIAT	**Rig/Platform Name/Num:** 20		
Job Purpose: Cement Production Liner			
Well Type: Development Well	**Job Type:** Cement Production Liner		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** MONTOYA-MOLINAS, ARTHUR	**MBU ID Emp #:** 483764	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JOHNSON, ROBERT Pierce	9.0	525965	MONTOYA-MOLINAS, ARTHUR J	9.0	483764	REYES GANDARA, JUAN Armando	9.0	440529
STELL, KEVIN Woodrow	9.0	450776						

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
8-19-2012	5	2						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	9447. ft	**Job Depth TVD**	9447. ft
Water Depth		**Wk Ht Above Floor**	10. ft
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	18 - Aug - 2012	21:00	CST
On Location	19 - Aug - 2012	04:45	CST
Job Started	19 - Aug - 2012	06:30	CST
Job Completed	19 - Aug - 2012	08:13	GMT
Departed Loc	19 - Aug - 2012	10:00	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				5454.	9449.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5052.	9449.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5454.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5052.		

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

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer			bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)		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			bbl	8.33	.0	.0	.0	

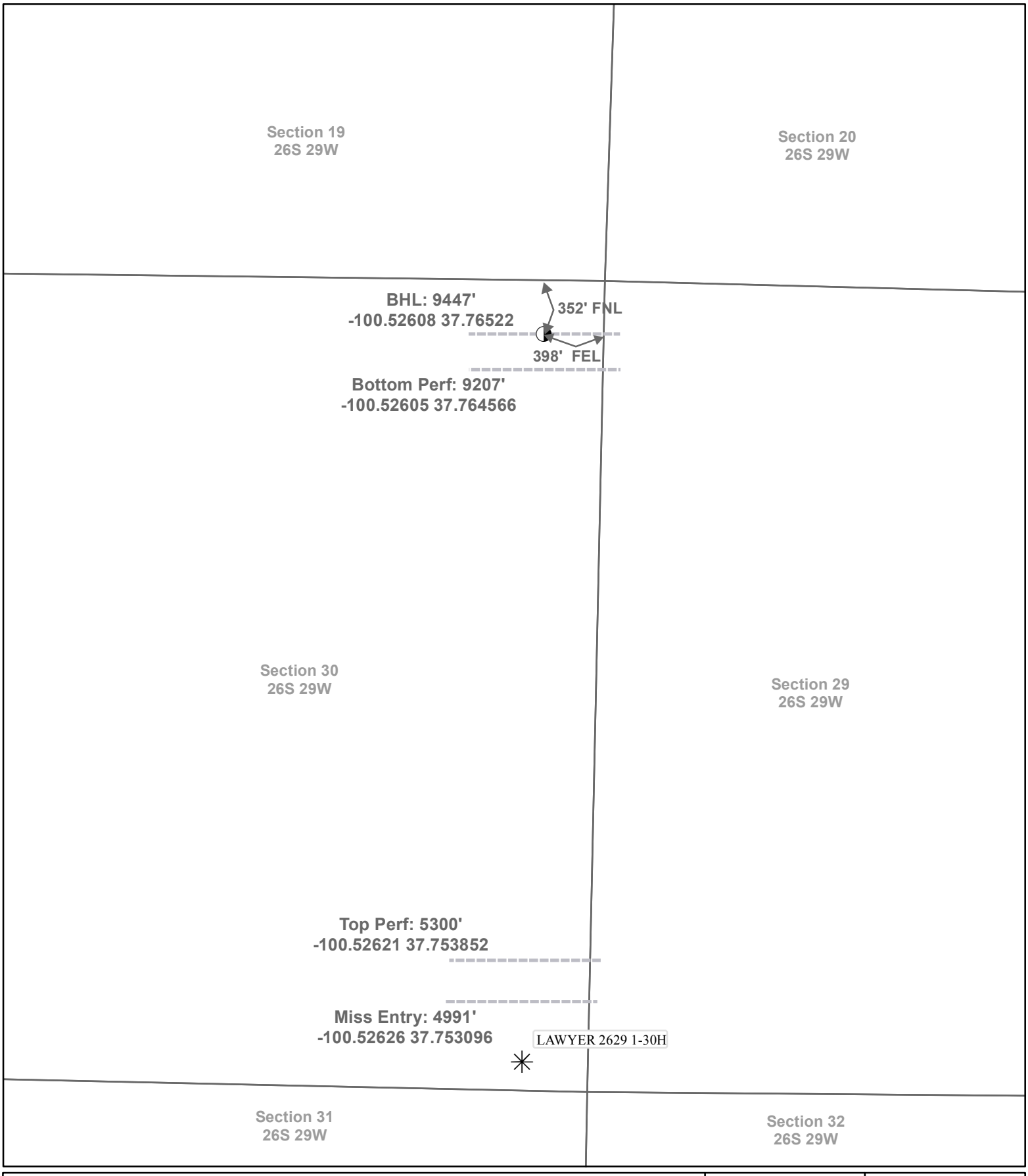
Calculated Values		Pressures		Volumes					
Displacement	115 BBLS	Shut In: Instant		Lost Returns	0	Cement Slurry	123 BBLS	Pad	
Top Of Cement	4416 FT	5 Min		Cement Returns	0	Actual Displacement	112 BBLS	Treatment	
Frac Gradient		15 Min		Spacers	30 BBLS	Load and Breakdown		Total Job	

Rates							
Circulating	3	Mixing	5	Displacement	5	Avg. Job	5

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 Lawyer 2629 1-30H
Gray County, Kansas
T&R: 26S 29W
Section: 30, 398' FEL & 352' FNL
Long/Lat: -100.52608 37.76522

1 in = 833 ft

0 625 1,250 2,500 Feet

N

Draftsman: Aaron Birk	Draft Date: 11/12/2012
Drawing Name/Number: Addendum_Lawyer_1-30H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Logo

Back to Well Completion

Lawyer 2629 1-30H (1091265)

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 11/14/012 08:42 am	Conductor weight= 106.5 and sacks of cement used for liner was not recorded by cementing company
Tiffany Golay 11/14/012 08:39 am	Additional Fluid Mgmt Info: 5080bbls hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43, Lipscomb, TX; 920 bbls hauled to Choasland Disposal, SE/4 33-29S-37W, Grant, KS