Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1081289

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 # 33596
Name: Unit Petroleum Company
Wellsite Geologist: Tammy Alcorn
Purchaser: Parnon Gathering, LP (oil) Atlas (gas)

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 #:

5/3/2012	5/16/2012	5/19/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23876-01-00
Spot Description:
NW NW NE SW Sec. 1 Twp. 35 S. R. 10 ☐ East ☑ West
2440 Feet from ☐ North / ☑ South Line of Section
1395 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: Barber
Lease Name: Kathleen Well #: 1-1H
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 1317 Kelly Bushing: 1337
Total Vertical Depth: 8830 Plug Back Total Depth: 8850
Amount of Surface Pipe Set and Cemented at: 950 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: 27000 ppm Fluid volume: 3280 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: LoJo Disposal
Lease Name: Pit #1 License #: 99999
Quarter SW Sec. 10 Twp. 26 S. R. 15 ☐ East ☑ West
County: Woods, OK Permit #: 563714

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 08/31/2012
☑ **Confidential Release Date:** 08/31/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 08/31/2012

[redacted] 1081289

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

Sec. 1 Twp. 35 S. R. 10 ☐ East ☑ West County: Barber

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:

Porosity
Resistivity

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

Name	Top	Datum
Base Heebner	3636	-2307
Tonkawa	3924	-2595
Cherokee Group	4622	-3293
Mississippi Lime	4740	-3411

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. 6/26/2012

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	Kathleen 1-1H
Doc ID	1081289

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8494-9710	4329 bbls water, 36 bbls acid, 75M lbs sd, 4365 TLTR	
5	7918-8300	4306 bbls water, 36 bbls acid, 75M lbs sd, 8865 TLTR	
5	6366-7123	4321 bbls water, 36 bbls acid, 75M lbs sd, 13282 TLTR	
5	5840-6120	4693 bbls water, 36 bbls acid, 75M lbs sd, 18024 TLTR	
5	5414-5670	4238 bbls water, 36 bbls acid, 75M lbs sd, 22323 TLTR	
5	5150-5350	4408 bbls water, 36 bbls acid, 75M lbs sd, 26784 TLTR	

Form	ACO1 - Well Completion
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Doc ID	1081289

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	28	20	54	102	Mid-Continent 8 sack grout	10	none
Surface	12.25	9.63	36	950	Halliburtion- HLC/ STD	450	6% Bentonite, 3% Calcium Chloride, .25 lbm Poly-E-Flake
Intermediate	8.75	7	26	5403	Halliburton 50/50 POZ Standard/ Premium	365	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Production	6.12	4.5	11.6	8830	Halliburtion 50/50 Poz Standard	410	.4% halad(R0-9, 10 lbm Kol-Seal, 2% bentonite, .3% CFR-3, w/o Defoamer, .25 lbm Poly-E-Flake

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/

May 15, 2012

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

Re: ACO1
API 15-007-23876-01-00
Kathleen 1-1H
SW/4 Sec.01-35S-10W
Barber 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

Wellbores - Step #2
Actual Deviation Survey: Kathleen 1-1H, Proposed? No
Deviation Surveys - Step #1
Des: Kathleen 1-1H
Tie-in Data
Azm North Typ: Grid
Survey Data

Wellbore Name: Original Hole

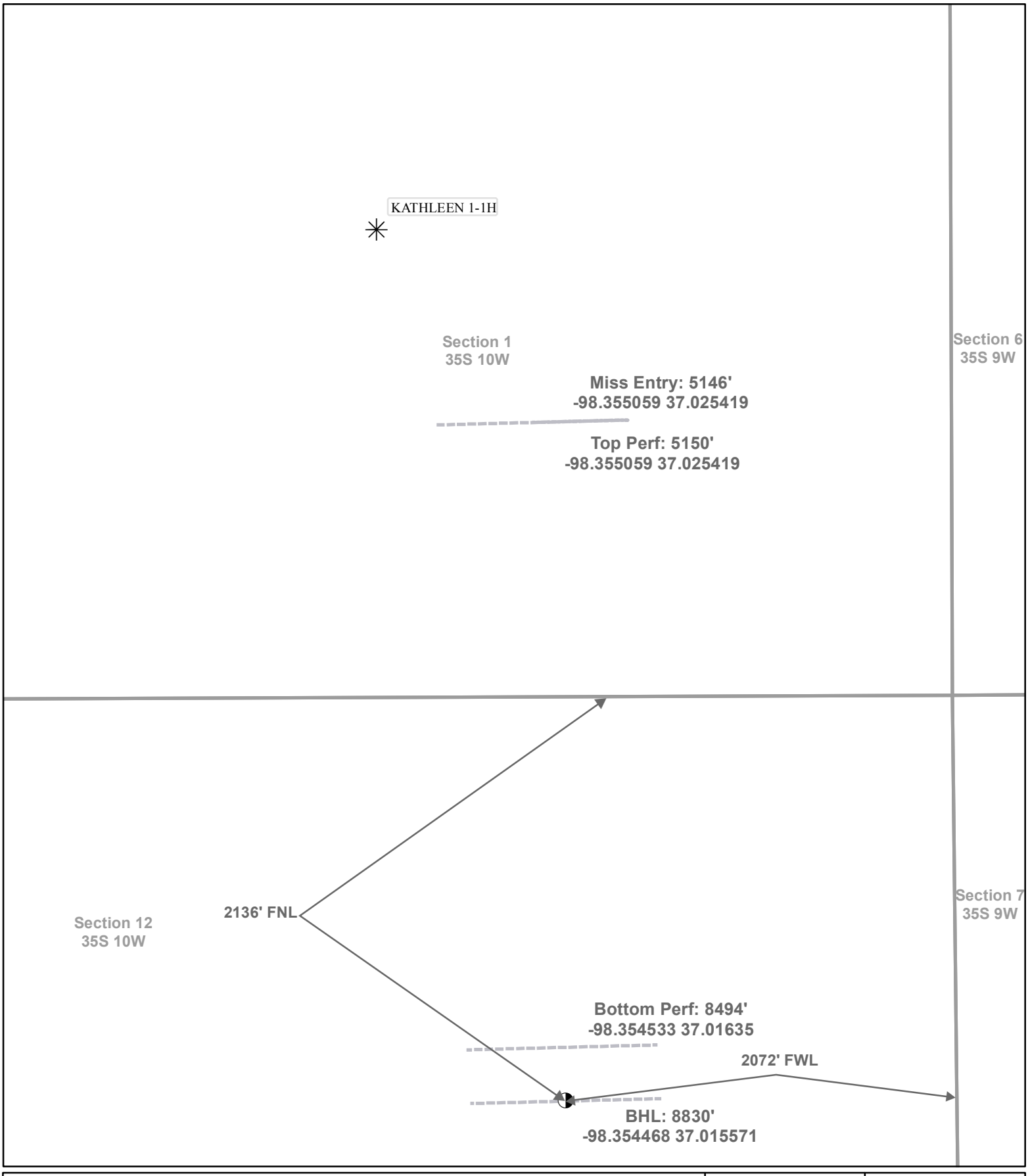
Date: 2012/05/06 | VS Dir (°): 180.24 | Com:

Convergence (°): 0.00 | Decl (°): 4.82 | MD Tie In (ftKB): 0.00 | Azimuth Tie In (°): 0.00 | Inclination Tie In (°): 0.00 | TVDTie In (ftKB): 0.00 | NSTie In (ft): 0.00 | EWTie In (ft): 0.00

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
1,148	1	21.24	Baker Hughes INTEQ	MWD	1,148	-10	9.52	3.7	0.09
1,331	1	15.39	Baker Hughes INTEQ	MWD	1,331	-13	12.6	4.72	0.06
1,362	0.8	13.62	Baker Hughes INTEQ	MWD	1,362	-13	13.06	4.84	0.78
1,392	0.5	38.84	Baker Hughes INTEQ	MWD	1,392	-13	13.37	4.98	1.21
1,423	0.6	51.9	Baker Hughes INTEQ	MWD	1,423	-14	13.57	5.19	0.4
1,487	0.9	125.21	Baker Hughes INTEQ	MWD	1,487	-13	13.47	5.85	1.45
1,519	1.2	134.08	Baker Hughes INTEQ	MWD	1,519	-13	13.09	6.3	1.01
1,550	2	142.43	Baker Hughes INTEQ	MWD	1,550	-12	12.43	6.86	2.74
1,582	2.8	141.16	Baker Hughes INTEQ	MWD	1,582	-11	11.37	7.7	2.44
1,614	3.6	140.46	Baker Hughes INTEQ	MWD	1,614	-10	10	8.82	2.35
1,646	4.6	144.42	Baker Hughes INTEQ	MWD	1,646	-8	8.2	10.19	3.27
1,677	5.7	144.68	Baker Hughes INTEQ	MWD	1,677	-6	5.94	11.8	3.77
1,710	6.7	143.27	Baker Hughes INTEQ	MWD	1,709	-3	3.05	13.91	3.01
1,741	7.7	142.95	Baker Hughes INTEQ	MWD	1,740	0	-0.06	16.24	3.1
1,773	8.5	143.37	Baker Hughes INTEQ	MWD	1,772	4	-3.67	18.94	2.73
1,805	9.6	142.52	Baker Hughes INTEQ	MWD	1,803	8	-7.69	21.98	3.34
1,837	10.4	141.42	Baker Hughes INTEQ	MWD	1,835	12	-12.07	25.41	2.54
1,869	11.4	140.66	Baker Hughes INTEQ	MWD	1,866	17	-16.77	29.22	3.28
1,901	12.3	140.78	Baker Hughes INTEQ	MWD	1,898	22	-21.86	33.38	2.69
1,964	14	140.37	Baker Hughes INTEQ	MWD	1,959	33	-32.92	42.48	2.7
1,996	14.8	141.04	Baker Hughes INTEQ	MWD	1,990	39	-39.08	47.51	2.49
2,028	15.6	140.55	Baker Hughes INTEQ	MWD	2,021	45	-45.56	52.8	2.5
2,093	15.1	139.52	Baker Hughes INTEQ	MWD	2,084	58	-58.71	63.82	0.89
2,156	14.9	139.16	Baker Hughes INTEQ	MWD	2,144	71	-71.06	74.42	0.29
2,220	15.1	139.63	Baker Hughes INTEQ	MWD	2,206	83	-83.63	85.2	0.39
2,284	15.4	139.79	Baker Hughes INTEQ	MWD	2,268	96	-96.48	96.1	0.47
2,348	15.7	138.69	Baker Hughes INTEQ	MWD	2,330	109	-109.5	107.32	0.69
2,411	15.7	137.54	Baker Hughes INTEQ	MWD	2,390	122	-122.21	118.72	0.5
2,476	15.6	136.47	Baker Hughes INTEQ	MWD	2,453	134	-135.03	130.67	0.51
2,571	15.3	138.19	Baker Hughes INTEQ	MWD	2,544	153	-153.63	147.82	0.54
2,667	14.7	136.42	Baker Hughes INTEQ	MWD	2,637	171	-171.95	164.7	0.79
2,730	14.8	137.13	Baker Hughes INTEQ	MWD	2,698	183	-183.64	175.69	0.29
2,793	14.5	137.57	Baker Hughes INTEQ	MWD	2,759	195	-195.33	186.47	0.51
2,857	14.6	139.4	Baker Hughes INTEQ	MWD	2,821	207	-207.37	197.12	0.77
2,921	15.7	139.6	Baker Hughes INTEQ	MWD	2,883	219	-220.11	208	1.67
2,984	16	141.15	Baker Hughes INTEQ	MWD	2,943	232	-233.38	218.98	0.82
3,048	16.9	141.26	Baker Hughes INTEQ	MWD	3,005	247	-247.48	230.32	1.31
3,143	16.9	140.48	Baker Hughes INTEQ	MWD	3,096	268	-268.86	247.71	0.24
3,238	15.7	142	Baker Hughes INTEQ	MWD	3,187	288	-289.59	264.37	1.36
3,333	14.3	140.22	Baker Hughes INTEQ	MWD	3,279	308	-308.72	279.78	1.48
3,429	13.6	139.38	Baker Hughes INTEQ	MWD	3,372	325	-326.43	294.74	0.75
3,525	12	137.8	Baker Hughes INTEQ	MWD	3,465	341	-342.42	308.82	1.72
3,557	12.4	138.14	Baker Hughes INTEQ	MWD	3,497	346	-347.44	313.34	1.09
3,589	13.1	138.34	Baker Hughes INTEQ	MWD	3,528	351	-352.7	318.04	2.32
3,621	13.6	140.68	Baker Hughes INTEQ	MWD	3,559	357	-358.31	322.83	2.19
3,653	14.2	141.27	Baker Hughes INTEQ	MWD	3,590	363	-364.27	327.66	2.08
3,685	14.7	142	Baker Hughes INTEQ	MWD	3,621	369	-370.53	332.61	1.69
3,716	15.1	141.15	Baker Hughes INTEQ	MWD	3,651	375	-376.78	337.57	1.44
3,779	13.9	140.52	Baker Hughes INTEQ	MWD	3,712	388	-388.99	347.51	1.98
3,811	12.3	140.69	Baker Hughes INTEQ	MWD	3,743	393	-394.6	352.12	4.75
3,843	12.6	139.34	Baker Hughes INTEQ	MWD	3,774	398	-399.89	356.55	1.16
3,875	13.3	139.35	Baker Hughes INTEQ	MWD	3,806	404	-405.32	361.22	2.25
3,938	15.6	140.5	Baker Hughes INTEQ	MWD	3,867	416	-417.36	371.33	3.73
3,970	15.3	140.52	Baker Hughes INTEQ	MWD	3,898	422	-423.94	376.76	0.94
4,001	14.8	140.57	Baker Hughes INTEQ	MWD	3,927	429	-430.16	381.87	1.81
4,033	15.1	141.39	Baker Hughes INTEQ	MWD	3,958	435	-436.56	387.06	1.22

4,095	18.4	140.51	Baker Hughes INTEQ	MWD	4,018	449	-450.41	398.31	5.29
4,126	20.9	140	Baker Hughes INTEQ	MWD	4,047	457	-458.41	404.97	8.28
4,157	22.8	139.8	Baker Hughes INTEQ	MWD	4,076	466	-467.23	412.4	5.94
4,189	23.7	141.08	Baker Hughes INTEQ	MWD	4,105	475	-476.97	420.44	3.33
4,221	26.1	141.99	Baker Hughes INTEQ	MWD	4,134	486	-487.52	428.82	7.66
4,253	28.6	140.37	Baker Hughes INTEQ	MWD	4,163	497	-498.96	438.03	7.94
4,285	30.7	139.58	Baker Hughes INTEQ	MWD	4,190	509	-511.07	448.2	6.77
4,316	32.8	140.53	Baker Hughes INTEQ	MWD	4,217	522	-523.57	458.67	7.03
4,348	34.8	143.52	Baker Hughes INTEQ	MWD	4,243	536	-537.61	469.61	8.18
4,380	37.6	143.42	Baker Hughes INTEQ	MWD	4,269	551	-552.8	480.86	8.63
4,412	40.3	142.79	Baker Hughes INTEQ	MWD	4,294	567	-568.88	492.94	8.68
4,443	42.8	143.23	Baker Hughes INTEQ	MWD	4,317	583	-585.31	505.32	8.02
4,475	44.9	143.36	Baker Hughes INTEQ	MWD	4,340	601	-603.08	518.56	6.41
4,506	46.3	142.37	Baker Hughes INTEQ	MWD	4,362	618	-620.72	531.92	5.15
4,538	46.4	142.34	Baker Hughes INTEQ	MWD	4,384	637	-639.05	546.06	0.41
4,570	46.7	143.09	Baker Hughes INTEQ	MWD	4,406	655	-657.53	560.13	1.86
4,601	48.3	142.65	Baker Hughes INTEQ	MWD	4,427	673	-675.74	573.92	5.3
4,646	50.3	142.36	Baker Hughes INTEQ	MWD	4,456	700	-702.8	594.68	4.6
4,696	50	141.82	Baker Hughes INTEQ	MWD	4,488	730	-733.09	618.27	1.04
4,741	49.5	141.08	Baker Hughes INTEQ	MWD	4,518	757	-759.95	639.67	1.72
4,790	49.1	142.08	Baker Hughes INTEQ	MWD	4,549	786	-789.05	662.76	1.71
4,822	48.6	140.86	Baker Hughes INTEQ	MWD	4,571	805	-807.91	677.77	3.27
4,886	52.3	146.85	Baker Hughes INTEQ	MWD	4,611	845	-847.76	706.8	9.21
4,919	53.6	150.47	Baker Hughes INTEQ	MWD	4,631	867	-870.25	720.48	9.61
4,951	55.2	154.32	Baker Hughes INTEQ	MWD	4,650	890	-893.3	732.52	10.91
4,983	57.6	157	Baker Hughes INTEQ	MWD	4,668	914	-917.57	743.5	10.36
5,014	59.2	159.74	Baker Hughes INTEQ	MWD	4,684	939	-942.12	753.22	9.2
5,046	61.2	161.79	Baker Hughes INTEQ	MWD	4,700	965	-968.35	762.37	8.37
5,078	64.3	163.73	Baker Hughes INTEQ	MWD	4,714	992	-995.51	770.79	10.84
5,110	67.3	165.7	Baker Hughes INTEQ	MWD	4,727	1,020	-1,023.66	778.48	11.14
5,142	70	167.03	Baker Hughes INTEQ	MWD	4,739	1,049	-1,052.63	785.5	9.28
5,173	72.8	168.6	Baker Hughes INTEQ	MWD	4,749	1,078	-1,081.35	791.7	10.23
5,205	75.1	171.04	Baker Hughes INTEQ	MWD	4,758	1,108	-1,111.62	797.13	10.24
5,236	76.6	172.64	Baker Hughes INTEQ	MWD	4,765	1,138	-1,141.37	801.4	6.81
5,268	78.3	174.62	Baker Hughes INTEQ	MWD	4,772	1,169	-1,172.41	804.86	8.19
5,299	80.3	176.47	Baker Hughes INTEQ	MWD	4,778	1,199	-1,202.78	807.22	8.67
5,331	82	177.22	Baker Hughes INTEQ	MWD	4,783	1,231	-1,234.35	808.96	5.85
5,363	84	177.26	Baker Hughes INTEQ	MWD	4,787	1,263	-1,266.07	810.49	6.25
5,403	85.9	176.99	Baker Hughes INTEQ	MWD	4,790	1,302	-1,305.87	812.49	4.82
5,434	87.5	177.5	Baker Hughes INTEQ	MWD	4,792	1,333	-1,336.78	813.98	5.26
5,466	88.1	178.67	Baker Hughes INTEQ	MWD	4,793	1,365	-1,368.73	815.05	4.06
5,529	89.1	180.17	Baker Hughes INTEQ	MWD	4,795	1,428	-1,431.71	815.69	2.86
5,593	89.2	180.28	Baker Hughes INTEQ	MWD	4,796	1,492	-1,495.70	815.43	0.33
5,657	88.3	180.93	Baker Hughes INTEQ	MWD	4,797	1,556	-1,559.68	814.76	1.77
5,720	90.2	179.68	Baker Hughes INTEQ	MWD	4,798	1,619	-1,622.67	814.42	3.64
5,815	91	179.58	Baker Hughes INTEQ	MWD	4,797	1,714	-1,717.66	815.04	0.79
5,909	88.8	179.74	Baker Hughes INTEQ	MWD	4,797	1,808	-1,811.66	815.59	2.36
6,003	88.6	179.63	Baker Hughes INTEQ	MWD	4,800	1,902	-1,905.63	816.11	0.22
6,100	88	179.86	Baker Hughes INTEQ	MWD	4,802	1,999	-2,002.58	816.54	0.61
6,195	88.6	179.84	Baker Hughes INTEQ	MWD	4,805	2,094	-2,097.54	816.79	0.57
6,291	90.2	180.77	Baker Hughes INTEQ	MWD	4,806	2,190	-2,193.53	816.28	1.95
6,386	89.4	181.29	Baker Hughes INTEQ	MWD	4,807	2,285	-2,288.51	814.57	0.99
6,482	88.6	181.07	Baker Hughes INTEQ	MWD	4,808	2,381	-2,384.48	812.6	0.89
6,577	88.8	181.13	Baker Hughes INTEQ	MWD	4,811	2,476	-2,479.44	810.77	0.21
6,672	88.9	180.7	Baker Hughes INTEQ	MWD	4,812	2,571	-2,574.40	809.26	0.48
6,768	89.2	180.11	Baker Hughes INTEQ	MWD	4,814	2,667	-2,670.39	808.58	0.67
6,863	90.2	180	Baker Hughes INTEQ	MWD	4,815	2,762	-2,765.38	808.49	1.11
6,959	90.4	180.01	Baker Hughes INTEQ	MWD	4,814	2,858	-2,861.38	808.48	0.16
7,054	90.3	179.86	Baker Hughes INTEQ	MWD	4,814	2,953	-2,956.38	808.59	0.18
7,148	90.2	178.91	Baker Hughes INTEQ	MWD	4,813	3,047	-3,050.37	809.59	1.02
7,244	90	179.23	Baker Hughes INTEQ	MWD	4,813	3,143	-3,146.36	811.15	0.39
7,339	90	177.76	Baker Hughes INTEQ	MWD	4,813	3,238	-3,241.33	813.65	1.55
7,434	90.1	177.81	Baker Hughes INTEQ	MWD	4,813	3,333	-3,336.25	817.32	0.17
7,529	89.7	177.95	Baker Hughes INTEQ	MWD	4,813	3,428	-3,431.19	820.83	0.45

7,625	90.9	178.06	Baker Hughes INTEQ	MWD	4,813	3,524	-3,527.13	824.18	1.19
7,721	91.4	179.26	Baker Hughes INTEQ	MWD	4,811	3,620	-3,623.08	826.42	1.37
7,816	89.8	177.98	Baker Hughes INTEQ	MWD	4,810	3,715	-3,718.04	828.71	2.14
7,912	88.9	177.04	Baker Hughes INTEQ	MWD	4,811	3,810	-3,813.95	832.88	1.35
8,009	90.2	177.57	Baker Hughes INTEQ	MWD	4,812	3,907	-3,910.83	837.44	1.39
8,105	90.2	178.24	Baker Hughes INTEQ	MWD	4,811	4,003	-4,006.77	840.95	0.7
8,200	90.2	178.53	Baker Hughes INTEQ	MWD	4,811	4,098	-4,101.73	843.63	0.31
8,297	89.4	177.79	Baker Hughes INTEQ	MWD	4,811	4,195	-4,198.68	846.74	1.12
8,392	88.7	177.58	Baker Hughes INTEQ	MWD	4,813	4,290	-4,293.59	850.58	0.69
8,488	89.3	177.23	Baker Hughes INTEQ	MWD	4,815	4,386	-4,389.47	854.92	0.71
8,584	89.7	178.02	Baker Hughes INTEQ	MWD	4,815	4,482	-4,485.39	858.9	0.91
8,680	89.1	177.8	Baker Hughes INTEQ	MWD	4,816	4,578	-4,581.32	862.4	0.7
8,775	88.3	177.06	Baker Hughes INTEQ	MWD	4,819	4,673	-4,676.19	866.66	1.12



SANDRIDGE
THE POWER OF US

Actual BH Location
SandRidge Wells
Perf
Sections

Actual Bottom-Hole Location of Kathleen 1-1H
Barber County, Kansas
T&R: 35S 10W
Section: 12 & 16, 2136' FNL & 2072' FWL
Long: -98.354468 37.015571

1 in = 667 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 8/16/2012
Drawing Name/Number: Addendum_Kathleen_1-1H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802

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

Date	Invoice #
5/3/2012	1309

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
Bobby Jopling	Net 45	5/3/2012	Kathleen 1-1H, Barber Cnty, KS	Unit 310

Item	Quantity	Description
Conductor Hole	102	Drilled 102 ft. conductor hole
20" Pipe	102	Furnished 102 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 6' X 6' cellar hole
6' X 6' Tinhorn	1	Furnished and set 6' X 6' tinhorn
Mud and Water	1	Furnished mud and water
Transport Truck - Conductor	1	Transport mud and water to location
Grout & Trucking	10	Furnished grout and trucking to location
Grout Pump	1	Furnished grout pump
Welder & Materials	1	Furnished welder and materials
Dirt Removal	1	Furnished labor and equipment for dirt removal
Cover Plate	1	Furnished cover plates
Permits	1	Permits

Subtotal	$24,114.00
Sales Tax (0.0%)	$0.00
Total	$24,114.00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2925798	**Quote #:**	**Sales Order #:** 9496087
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Edwards, Tripp	
Well Name: Kathleen	**Well #:** 1-1H		**API/UWI #:**
Field:	**City (SAP):** KIOWA	**County/Parish:** Barber	**State:** Kansas
Legal Description: Section 01 Township 35S Range 10W			
Contractor: Unit Drilling *	**Rig/Platform Name/Num:** Unit 310		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** SMITH, DUSTIN	**MBU ID Emp #:** 484672	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
SMITH, DUSTIN Shawn	0.0	484672						

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	950. ft	**Job Depth TVD**	950. ft		
Water Depth		**Wk Ht Above Floor**	12. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	07 - May - 2012	00:30	CST
On Location	07 - May - 2012	06:30	CST
Job Started	07 - May - 2012	08:20	CST
Job Completed	07 - May - 2012	09:10	CST
Departed Loc	07 - May - 2012	09:40	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
Surface Open Hole				12.25				.	950.		
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	950.		

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

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

Stage/Plug #: 1

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	Water Spacer			bbl	.	.0	.0	.0	
2	Halliburton Light Standard	EXTENDACEM (TM) SYSTEM (452981)		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	STANDARD	SWIFTCEM (TM) SYSTEM (452990)		sacks	15.6	1.2	5.32		5.32
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
0.125 lbm		POLY-E-FLAKE (101216940)							
5.319 Gal		FRESH WATER							

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

Rates							
Circulating		Mixing		Displacement		Avg. Job	
Cement Left In Pipe	Amount	40 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 #:** 2925798	**Quote #:**	**Sales Order #:** 9508088
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Edwards, Tripp	
Well Name: Kathleen	**Well #:** 1-1H		**API/UWI #:**
Field:	**City (SAP):** KIOWA	**County/Parish:** Barber	**State:** Kansas
Legal Description: Section 01 Township 35S Range 10W			
Contractor: Unit Drilling *	**Rig/Platform Name/Num:** Unit 310		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** HAWLEY, HAYDEN	**MBU ID Emp #:** 413464	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HAMMON, JAMES	8.5	518554	HAWLEY, HAYDEN Sterling	8.5	413464	HECKENBACH, AUGUST Abbott	8.5	511867
TOPE, GEOFFREY Daniel	8.5	489420						

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
5/14/12	8.5	4						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	5410. ft	**Job Depth TVD**	5410. ft		
Water Depth		**Wk Ht Above Floor**	5. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	14 - May - 2012	09:45	CST
On Location	14 - May - 2012	14:30	CST
Job Started	14 - May - 2012	20:28	CST
Job Completed	14 - May - 2012	21:36	CST
Departed Loc	14 - May - 2012	23:00	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
Intermediate Open Hole				8.75				950.	5221.		
Intermediate Casing	Unknown		7.	6.184	29.	LTC	N-80	.	4220.	.	
Intermediate Casing 2	Unknown		7.	6.184	29.	LTC	P-110	4220.	5221.		
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	950.		

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	Water Spacer		10.00	bbl	8.33	.0	.0	.0	
2	50/50 POZ STANDARD	ECONOCEM (TM) SYSTEM (452992)	165.0	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	Premium	HALCEM (TM) SYSTEM (452986)	200.0	sacks	15.6	1.19	5.08		5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement	203	Shut In: Instant		Lost Returns	NO	Cement Slurry	87	Pad	
Top Of Cement	2294	5 Min		Cement Returns	0	Actual Displacement	203	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	300

Rates							
Circulating		Mixing	5	Displacement	7	Avg. Job	6

Cement Left In Pipe	Amount	91.4 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 #:** 2925798	**Quote #:**	**Sales Order #:** 9522413
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Edwards, Tripp	
Well Name: Kathleen	**Well #:** 1-1H		**API/UWI #:**
Field:	**City (SAP):** KIOWA	**County/Parish:** Barber	**State:** Kansas
Legal Description: Section 01 Township 35S Range 10W			
Contractor: Unit Drilling *	**Rig/Platform Name/Num:** Unit 310		
Job Purpose: Cement Production Liner			
Well Type: Development Well	**Job Type:** Cement Production Liner		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** UNDERWOOD, BILLY	**MBU ID Emp #:** 159068	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ADAMS, DAMIEN Anthoni	6	521172	BRITTAIN, LYLE Jay	8	460473	Monell, David	6	0
Shelton, Wesley	6	0	TOPE, GEOFFREY Daniel	6	489420	UNDERWOOD, BILLY Dale	9	159068

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10688342	60 mile	10713204	60 mile	10804565	60 mile	10825967	60 mile
10866495	60 mile	11288856	60 mile	11706678	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5-18-1`2	8	1.2						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	9756. ft	**Job Depth TVD**	
Water Depth		**Wk Ht Above Floor**	
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	18 - May - 2012	02:00	CST
On Location	18 - May - 2012	00:00	CST
Job Started	18 - May - 2012	00:00	CST
Job Completed	18 - May - 2012	10:40	CST
Departed Loc	18 - May - 2012	11:30	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
Production Liner Open Hole				6.125				5221.	9227.		
Intermediate Casing	Unknown		7.	6.184	29.	LTC	N-80	.	4220.	.	
Production Liner	Unknown		4.5	4.	11.6		P-110	4935.	9227.		
Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	4935.		

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 Caustic Water Spacer		10.00	bbl	8.5	.0	.0	.0	
2	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	410.0	sacks	13.6	1.59	6.91		6.91
0.4 %		HALAD(R)-9, 50 LB (100001617)							
10 lbm		KOL-SEAL, BULK (100064233)							
2 %		BENTONITE, BULK (100003682)							
0.3 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
0.25 lbm		POLY-E-FLAKE (101216940)							
6.906 Gal		FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement	103	Shut In: Instant		Lost Returns		Cement Slurry	116	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	103	Treatment	
Frac Gradient		15 Min		Spacers	45	Load and Breakdown		Total Job	264

Rates							
Circulating	4	Mixing	5.5	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