



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1073098  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

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

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1073098

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

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

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
-------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brad 1-12H
Doc ID	1073098

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	11254-11657	4918 bbls of Slickwater, 36 bbls 15% NeFe HCl, 21M lbs 40/70 sd, 4954 TLTR	
5	10820-11168	4763 bbls of Slickwater, 36 bbls 15% NeFe HCl, 37M lbs 40/70 sd, 10010 TLTR	
5	10382-10698	4440 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 14700 TLTR	
5	9886-10208	4051 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 18960 TLTR	
5	9742-9360	4303 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 23478 TLTR	
5	9232-8887	4437 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 28100 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brad 1-12H
Doc ID	1073098

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8784-8441	4173 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 32433 TLTR	
5	8298-7974	4318 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 36898 TLTR	
5	7772-7448	4252 bbls of Slickwater, 36 bbls 15% NeFe HCl, 75M lbs 40/70 sd, 41307 TLTR	
5	7378-6990	4340 bbls of Slickwater, 36 bbls 15% NeFe HCl, 76M lbs 40/70 sd, 45774 TLTR	
5	6915-6543	4184 bbls of Slickwater, 36 bbls 15% NeFe HCl, 76M lbs 40/70 sd, 50077 TLTR	
5	6460-6087	3985 bbls of Slickwater, 36 bbls 15% NeFe HCl, 77N lbs 40/70 sd, 54162 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brad 1-12H
Doc ID	1073098

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6012-5581	4048 bbls of Slickwater, 36 bbls 15% NeFe HCl, 77M lbs 40/70 sd, 58296 TLTR	
5	5188-5478	4085 bbls of Slickwater, 36 bbls 15% NeFe HCl, 76M lbs 40/70 sd, 62411 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brad 1-12H
Doc ID	1073098

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	90	Edge Services 10 sack grout	10	none
Surface	12.25	9.63	36	795	Halliburton Lighth Standard/ Standard	430	3% Calcium Chloride, .25 lbm Poly-E- Flake
Intermediate	8.75	7	26	5178	50/50 Poz	200	2% Bentonite, .4% Halad (R)-9, 2 lbm Kol- Seal, 2% Bentonite
Liner	7.63	4.5	11.6	9999	50/50 Poz Standard	635	.4% Halad(R)- 0, 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



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 28, 2012

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

Re: ACO1  
API 15-077-21795-01-00  
Brad 1-12H  
SW/4 Sec.12-35S-08W  
Harper 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



# INVOICE

DATE	INVOICE #
1/18/2012	2838

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. BILLING DEPARTMENT PO BOX 14201 OKLAHOMA CITY, OK 73113

STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
1/17/2012	2387	UNIT 310	BRAD 1-12H	Due on rec...

Description	Amount
DRILLED 100' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE & SET 6' x 6' TINHORN CELLAR FURNISHED 100' OF 20" CONDUCTOR PIPE FURNISHED MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED 10 YARDS OF GRADE A 10 SACK GROUT FURNISHED GROUT PUMP DRILL RAT AND MOUSE HOLES FURNISHED 80' OF 16" CONDUCTOR PIPE FOR MOUSE HOLE/TOP DRIVE JOB  TOTAL BID 5	24,650.00
<b>TOTAL</b>	<b>\$24,650.00</b>



The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2905120	Quote #:	Sales Order #: 9237827
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Edwards, Tripp	
Well Name: Brad	Well #: 1-12H	API/UWI #:	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 12 Township 35S Range 8W			
Contractor: Unit Drilling *		Rig/Platform Name/Num: 310	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: CRAWFORD, ROBERT		Srvc Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRITAIN, LYLE	2	460473	CRESS, JOHNNY Leneil	2	511390	TRAVIS, TONY Craig	2	367758
TURNER, DANIEL J	5	461812	UNDERWOOD, BILLY Dale	2	159068	WALTON, SCOTTY Dwayne	5	478229

### 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
1-28-12	5	1						

TOTAL Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Wk Ht Above Floor	Perforation Depth (MD) From	To	Called Out	Date	Time	Time Zone
			BHST	800. ft	800. ft					On Location	28 - Jan - 2012	07:30	CST
										Job Started	28 - Jan - 2012	11:00	CST
										Job Completed	28 - Jan - 2012	11:50	CST
										Departed Loc	28 - Jan - 2012	12:00	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
Surface Open Hole Upper				12.25				80.	800.		
Preset Conductor	Unknown		20.	19.124	94.			.	80.		
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	800.		

### 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
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# HALLIBURTON

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Halliburton Light Standard	EXTENDACEM (TM) SYSTEM (452981)	330.0	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							
2	Standard	SWIFTCEM (TM) SYSTEM (452990)	100.0	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							
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	58	Shut In: Instant		Lost Returns		Cement Slurry	124/21	Pad	
Top Of Cement		5 Min		Cement Returns	40	Actual Displacement	58	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	213
<b>Rates</b>									
Circulating	6	Mixing	5.5	Displacement	5.5	Avg. Job	5.5		
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		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					



HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2905120	Quote #:	Sales Order #: 9277789
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Edwards, Tripp	
Well Name: Brad	Well #: 1-12H	API/UWI #:	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 12 Township-35S Range 8W			
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: CRAWFORD, ROBERT	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**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	14 - Feb - 2012	08:00	CST
Job depth MD	122900. ft		Job Depth TVD	Job Started	14 - Feb - 2012	13:30	CST
Water Depth			Wk Ht Above Floor	Job Completed	14 - Feb - 2012	14:50	GMT
Perforation Depth (MD)	From		To	Departed Loc	14 - Feb - 2012	16:00	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
Production Liner Open Hole				6.125				5326.	11808.	5326.	4796.
Intermediate Casing 1	Unknown		7.	6.184	29.	LTC	N-80		4003.		4003.
Intermediate Casing 2	Unknown		7.	6.184	29.	LTC	P-110	4003.	5326.	4003.	4796.
Production Liner	Unknown		4.5	4.	11.6		N-80	4917.	11808.	4917.	4796.
Drill Pipe	Unknown		4.	3.34	14.	Unknown			4917.		

**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**

LIBERTON

# Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Caustic Water Spacer		10.00	bbbl	8.5	.0	.0	.0	
2	50/50 POZ STANDARD ( w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	635.0	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		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	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					



API No.
OTC/OCC Operator No.

**CEMENTING REPORT**  
To Accompany Completion Report

Form 1002C  
Rev. 1996

ATTENTION: IMPORTANT REGULATORY DOCUMENT  
retain for your records and file with  
appropriate agency.

**OKLAHOMA CORPORATION COMMISSION**  
Oil & Gas Conservation Division  
Post Office Box 52000-2000  
Oklahoma City, Oklahoma 73152-2000  
OAC 165:10-3-4(h)

All operators must include this form when submitting the Completion Report, (Form 1002A). The signature on this statement must be that of qualified employees of the cementing company and operator to demonstrate compliance with OAC 165:10-3-4(h). It may be advisable to take a copy of this form to location when cementing work is performed.

**TYPE OR USE BLACK INK ONLY**

*Field Name				OCC District			
*Operator <b>SANDRIDGE ENERGY INC EBUSINESS</b>				OCC/OTC Operator No			
*Well Name/No. <b>Brad 1-12H</b>				County <b>Harper</b>			
*Location 1/4 1/4 1/4 1/4		Sec <b>12</b>		Twp <b>35S</b>		Rge <b>8W</b>	

Cement Casing Data	Conductor Casing	Surface Casing	Alternative Casing	Intermediate Casing	Production String	Liner
Cementing Date				<b>2/5/2012</b>		
*Size of Drill Bit (Inches)				<b>8.75</b>		
*Estimated % wash or hole enlargement used in calculations						
*Size of Casing (inches O.D.)				<b>7</b>		
*Top of Liner (if liner used) (ft.)						
*Setting Depth of Casing (ft.) from ground level				<b>5152</b>		
Type of Cement (API Class) In first (lead) or only slurry				<b>50/50 POZ</b>		
In second slurry						
In third slurry						
Sacks of Cement Used In first (lead) or only slurry				<b>200</b>		
In second slurry						
In third slurry						
Vol of slurry pumped (Cu ft)(14.X15.) in first (lead) or only slurry				<b>308</b>		
In second slurry						
In third slurry						
Calculated Annular Height of Cement behind Pipe (ft)				<b>1918</b>		
Cement left in pipe (ft)				<b>92</b>		

\*Amount of Surface Casing Required (from Form 1000) \_\_\_\_\_ ft.

*Was cement circulated to Ground Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*Was Cement Staging Tool (DV Tool) used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
*Was Cement Bond Log run? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If so, Attach Copy)	*If Yes, at what depth? _____ ft

**CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE OF FORM**

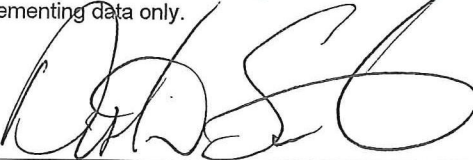
\* Designates items to be completed by Operator.  
Items **not** so designated shall be completed by the Cementing Company.

Remarks  
**Stage #1/Slurry #1:** Water Spacer  
**Stage #1/Slurry #2:** 50/50 POZ STANDARD ( w/ 2% extra gel) w/ ECONOCEM (TM) SYSTEM, 2 % Bentonite, 0.4 % Halad(R)-9, 2 lbm Kol-Seal, 2 % Bentonite.

\*Remarks

**CEMENTING COMPANY**

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the cementing of casing in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing data only.



\_\_\_\_\_  
Signature of Cementer or Authorized Representative

**OPERATOR**

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well data and information presented herein.

\_\_\_\_\_  
Signature of Operator or Authorized Representative

Name & Title Printed or Typed  
**DUSTIN SMITH, Service Supervisor**

**Halliburton Energy Services**

Address  
**701 Dispensary RD**

City  
**Burns Flat**

State  
**OK**

Zip  
**73624**

Telephone (AC) Number  
**580-562-1500**

Date  
**2/5/2012**

\*Name & Title Printed or Typed

\*Operator

\*Address

\*City

\*State | \*Zip

\*Telephone (AC) Number

\*Date

**INSTRUCTIONS**

1. A) This form shall be filed by the operator, at the O.C.C. office in Oklahoma City, as an attachment to the Completion Report (Form 1002A) for a producing well or a dry hole.  
 B) An original of this form shall be filed as an attachment to the Completion Report, (Form 1002A), for each cementing company used on a well.  
 C) The cementing of different casing strings on a well by one cementing company may be consolidated on one form.
2. Cementing Company and Operator shall comply with the applicable portions of OAC 165:10-3-4(h).
3. Set surface casing 50 feet below depth of treatable water to be protected and cement from casing shoe to ground surface or as allowed by OAC 165:10-3-4(h).
4. **IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, BE SURE TO FOLLOW CORPORATION COMMISSION RULES.**

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	7928.00	-5328.00	1980.00	668.00
BHL	11754	91.80	0.50	4784.43	7293.10	-92.23	0.00	634.90	1965.10	1887.77	760.23
Miss Entry	5014	55.28	1.93	4807.93	577.84	43.55	8.08	7350.16	-4750.16	2023.55	624.45
Top Perf	5080	61.61	2.22	4842.57	633.90	45.76	10.63	7294.10	-4694.10	2025.76	622.24
Bottom Perf	11650	91.58	158.40	4787.49	7189.15	-92.93	0.68	738.85	1861.15	1887.07	760.93

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0	0	7928.00	-5328.00	1980.00	668.00
	1427	1.70	314.63	1426.79	14.87	-15.06	0.12	7913.13	-5313.13	1964.94	683.06
	1905	1.30	327.70	1904.63	24.44	-23.01	0.11	7903.56	-5303.56	1956.99	691.01
	2860	0.80	335.75	2859.46	39.67	-31.54	0.05	7888.33	-5288.33	1948.46	699.54
	3339	0.60	2.19	3338.43	45.23	-32.81	0.08	7882.77	-5282.77	1947.19	700.81
	3817	0.20	68.88	3816.42	48.03	-31.94	0.12	7879.97	-5279.97	1948.06	699.94
	4041	3.30	27.62	4040.29	53.88	-28.58	1.41	7874.12	-5274.12	1951.42	696.58
	4073	5.50	22.06	4072.19	56.12	-27.58	7.00	7871.88	-5271.88	1952.42	695.58
	4105	7.90	21.43	4103.97	59.59	-26.20	7.50	7868.41	-5268.41	1953.80	694.20
	4137	10.30	22.83	4135.57	64.27	-24.29	7.53	7863.73	-5263.73	1955.71	692.29
	4169	12.60	22.93	4166.93	70.13	-21.82	7.19	7857.87	-5257.87	1958.18	689.82
	4201	14.10	22.40	4198.06	76.94	-18.97	4.70	7851.06	-5251.06	1961.03	686.97
	4233	16.60	22.96	4228.92	84.76	-15.70	7.83	7843.24	-5243.24	1964.30	683.70
	4265	18.90	24.60	4259.39	93.68	-11.76	7.35	7834.32	-5234.32	1968.24	679.76
	4297	21.10	24.60	4289.46	103.63	-7.21	6.88	7824.37	-5224.37	1972.79	675.21
	4329	23.90	23.49	4319.02	114.82	-2.22	8.85	7813.18	-5213.18	1977.78	670.22
	4361	26.50	21.80	4347.98	127.39	3.01	8.43	7800.61	-5200.61	1983.01	664.99
	4393	28.80	19.92	4376.32	141.27	8.29	7.69	7786.73	-5186.73	1988.29	659.71
	4425	31.80	18.15	4403.95	156.53	13.54	9.78	7771.47	-5171.47	1993.54	654.46
	4457	34.60	16.48	4430.72	173.26	18.75	9.20	7754.74	-5154.74	1998.75	649.25
	4489	37.10	14.44	4456.66	191.32	23.73	8.66	7736.68	-5136.68	2003.73	644.27
	4521	39.80	12.98	4481.72	210.65	28.44	8.90	7717.35	-5117.35	2008.44	639.56
	4553	42.00	11.57	4505.90	231.12	32.89	7.46	7696.88	-5096.88	2012.89	635.11
	4585	44.00	9.99	4529.30	252.56	36.97	7.10	7675.44	-5075.44	2016.97	631.03
	4617	45.60	6.68	4552.01	274.87	40.23	8.84	7653.13	-5053.13	2020.23	627.77
	4649	45.60	2.97	4574.41	297.64	42.15	8.28	7630.36	-5030.36	2022.15	625.85
	4680	46.80	1.40	4595.86	320.00	43.00	5.32	7608.00	-5008.00	2023.00	625.00
	4713	49.00	1.25	4617.99	344.47	43.56	6.68	7583.53	-4983.53	2023.56	624.44
	4776	50.80	359.96	4658.56	392.66	44.06	3.26	7535.34	-4935.34	2024.06	623.94
	4821	50.70	359.50	4687.04	427.50	43.90	0.82	7500.50	-4900.50	2023.90	624.10
	4872	50.40	359.24	4719.44	466.88	43.47	0.71	7461.12	-4861.12	2023.47	624.53
	4936	49.80	359.22	4760.50	515.98	42.81	0.94	7412.02	-4812.02	2022.81	625.19
	4968	51.80	0.30	4780.72	540.77	42.71	6.78	7387.23	-4787.23	2022.71	625.29
	5000	54.20	1.67	4799.98	566.32	43.15	8.24	7361.68	-4761.68	2023.15	624.85
	5031	56.60	2.24	4817.58	591.82	44.02	7.89	7336.18	-4736.18	2024.02	623.98
	5063	59.70	2.61	4834.46	618.98	45.18	9.74	7309.02	-4709.02	2025.18	622.82
	5095	63.30	1.88	4849.73	647.07	46.27	11.43	7280.93	-4680.93	2026.27	621.73
	5127	67.40	1.64	4863.07	676.14	47.17	12.83	7251.86	-4651.86	2027.17	620.83
	5159	70.80	1.06	4874.49	706.02	47.87	10.76	7221.98	-4621.98	2027.87	620.13
	5191	74.20	358.23	4884.11	736.53	47.67	13.56	7191.47	-4591.47	2027.67	620.33
	5222	78.40	358.20	4891.45	766.63	46.73	13.55	7161.37	-4561.37	2026.73	621.27
	5263	82.30	358.65	4898.32	807.02	45.62	9.57	7120.98	-4520.98	2025.62	622.38
	5293	86.10	358.45	4901.35	836.85	44.87	12.68	7091.15	-4491.15	2024.87	623.13
	5323	89.30	359.07	4902.56	866.82	44.22	10.86	7061.18	-4461.18	2024.22	623.78
	5353	90.80	359.90	4902.53	896.82	43.95	5.71	7031.18	-4431.18	2023.95	624.05
	5386	91.90	359.80	4901.75	929.81	43.86	3.35	6998.19	-4398.19	2023.86	624.14
	5417	92.30	359.80	4900.62	960.79	43.76	1.29	6967.21	-4367.21	2023.76	624.24
	5449	92.40	359.01	4899.31	992.76	43.42	2.49	6935.24	-4335.24	2023.42	624.58
	5545	92.00	358.24	4895.62	1088.66	41.12	0.90	6839.34	-4239.34	2021.12	626.88
	5642	92.10	358.80	4892.15	1185.56	38.62	0.59	6742.44	-4142.44	2018.62	629.38
	5737	92.30	358.36	4888.50	1280.46	36.27	0.51	6647.54	-4047.54	2016.27	631.73
	5834	92.20	358.42	4884.69	1377.35	33.54	0.12	6550.65	-3950.65	2013.54	634.46
	5930	91.50	358.66	4881.60	1473.27	31.10	0.77	6454.73	-3854.73	2011.10	636.90
	6122	91.80	358.33	4876.07	1665.12	26.06	0.23	6262.88	-3662.88	2006.06	641.94
	6217	91.80	358.75	4873.08	1760.04	23.64	0.44	6167.96	-3567.96	2003.64	644.36
	6312	91.80	359.04	4870.10	1854.98	21.81	0.31	6073.02	-3473.02	2001.81	646.19
	6408	91.00	357.84	4867.75	1950.91	19.19	1.50	5977.09	-3377.09	1999.19	648.81
	6503	91.20	357.63	4865.93	2045.82	15.44	0.31	5882.18	-3282.18	1995.44	652.56
	6597	91.80	357.34	4863.47	2139.70	11.32	0.71	5788.30	-3188.30	1991.32	656.68



6693	90.90	357.18	4861.21	2235.56	6.73	0.95	5692.44	-3092.44	1986.73	661.27
6789	91.10	358.19	4859.53	2331.47	2.85	1.07	5596.53	-2996.53	1982.85	665.15
6884	89.50	358.52	4859.03	2426.42	0.13	1.72	5501.58	-2901.58	1980.13	667.87
6981	89.30	359.39	4860.05	2523.40	-1.64	0.92	5404.60	-2804.60	1978.36	669.64
7076	89.60	359.32	4860.96	2618.39	-2.71	0.32	5309.61	-2709.61	1977.29	670.71
7172	90.10	359.39	4861.21	2714.38	-3.79	0.53	5213.62	-2613.62	1976.21	671.79
7268	90.70	358.87	4860.54	2810.37	-5.25	0.83	5117.63	-2517.63	1974.75	673.25
7363	90.50	359.01	4859.55	2905.35	-7.01	0.26	5022.65	-2422.65	1972.99	675.01
7459	90.70	359.20	4858.54	3001.33	-8.51	0.29	4926.67	-2326.67	1971.49	676.51
7554	91.30	359.70	4856.89	3096.31	-9.42	0.82	4831.69	-2231.69	1970.58	677.42
7642	91.90	359.99	4854.43	3184.27	-9.66	0.76	4743.73	-2143.73	1970.34	677.66
7738	91.50	0.63	4851.58	3280.23	-9.14	0.79	4647.77	-2047.77	1970.86	677.14
7830	90.70	1.71	4849.81	3372.19	-7.26	1.46	4555.81	-1955.81	1972.74	675.26
7921	90.40	0.10	4848.94	3463.17	-5.82	1.80	4464.83	-1864.83	1974.18	673.82
8012	90.60	0.66	4848.15	3554.17	-5.22	0.65	4373.83	-1773.83	1974.78	673.22
8105	90.60	359.19	4847.17	3647.16	-5.34	1.58	4280.84	-1680.84	1974.66	673.34
8196	91.10	359.54	4845.82	3738.14	-6.35	0.67	4189.86	-1589.86	1973.65	674.35
8286	91.40	359.94	4843.86	3828.12	-6.76	0.56	4099.88	-1499.88	1973.24	674.76
8378	91.50	359.19	4841.53	3920.09	-7.46	0.82	4007.91	-1407.91	1972.54	675.46
8470	91.30	357.75	4839.28	4012.03	-9.91	1.58	3915.97	-1315.97	1970.09	677.91
8561	91.80	357.87	4836.82	4102.93	-13.39	0.57	3825.07	-1225.07	1966.61	681.39
8653	92.20	357.80	4833.61	4194.80	-16.86	0.44	3733.20	-1133.20	1963.14	684.86
8745	91.10	356.83	4830.96	4286.66	-21.17	1.59	3641.34	-1041.34	1958.83	689.17
8837	91.60	356.64	4828.79	4378.49	-26.41	0.58	3549.51	-949.51	1953.59	694.41
8928	90.80	356.71	4826.89	4469.31	-31.68	0.88	3458.69	-858.69	1948.32	699.68
9020	91.00	356.86	4825.44	4561.16	-36.84	0.27	3366.84	-766.84	1943.16	704.84
9110	89.90	356.74	4824.74	4651.01	-41.87	1.23	3276.99	-676.99	1938.13	709.87
9202	90.10	356.76	4824.74	4742.86	-47.08	0.22	3185.14	-585.14	1932.92	715.08
9294	90.50	356.63	4824.26	4834.71	-52.39	0.46	3093.29	-493.29	1927.61	720.39
9388	90.70	356.11	4823.27	4928.52	-58.34	0.59	2999.48	-399.48	1921.66	726.34
9438	90.60	356.05	4822.70	4978.40	-61.76	0.23	2949.60	-349.60	1918.24	729.76
9578	90.10	357.03	4821.85	5118.14	-70.20	0.79	2809.86	-209.86	1909.80	738.20
9674	90.00	356.03	4821.76	5213.96	-76.02	1.05	2714.04	-114.04	1903.98	744.02
9769	89.50	358.13	4822.18	5308.83	-80.85	2.27	2619.17	-19.17	1899.15	748.85
9865	89.80	357.65	4822.77	5404.76	-84.39	0.59	2523.24	76.76	1895.61	752.39
9961	89.60	358.56	4823.27	5500.71	-87.56	0.97	2427.29	172.71	1892.44	755.56
10056	90.30	358.31	4823.35	5595.67	-90.16	0.78	2332.33	267.67	1889.84	758.16
10151	90.30	359.08	4822.85	5690.64	-92.32	0.81	2237.36	362.64	1887.68	760.32
10247	91.10	359.28	4821.68	5786.63	-93.70	0.86	2141.37	458.63	1886.30	761.70
10343	91.60	0.02	4819.42	5882.60	-94.28	0.93	2045.40	554.60	1885.72	762.28
10440	92.00	359.76	4816.37	5979.55	-94.47	0.49	1948.45	651.55	1885.53	762.47
10536	92.10	0.18	4812.94	6075.49	-94.52	0.45	1852.51	747.49	1885.48	762.52
10631	92.20	359.84	4809.37	6170.42	-94.50	0.37	1757.58	842.42	1885.50	762.50
10727	92.00	359.58	4805.86	6266.35	-94.99	0.34	1661.65	938.35	1885.01	762.99
10823	90.70	0.05	4803.59	6362.32	-95.30	1.44	1565.68	1034.32	1884.70	763.30
10919	90.70	359.80	4802.42	6458.32	-95.42	0.26	1469.68	1130.32	1884.58	763.42
11015	90.90	0.24	4801.08	6554.31	-95.39	0.50	1373.69	1226.31	1884.61	763.39
11111	91.10	0.19	4799.41	6650.29	-95.03	0.21	1277.71	1322.29	1884.97	763.03
11205	91.20	0.40	4797.52	6744.27	-94.54	0.25	1183.73	1416.27	1885.46	762.54
11302	91.80	0.32	4794.98	6841.24	-93.94	0.62	1086.76	1513.24	1886.06	761.94
11494	90.70	0.10	4790.79	7033.19	-93.23	0.58	894.81	1705.19	1886.77	761.23
11590	91.30	359.96	4789.12	7129.17	-93.18	0.64	798.83	1801.17	1886.82	761.18
11697	91.80	0.52	4786.22	7236.13	-92.73	0.70	691.87	1908.13	1887.27	760.73
11716	91.80	0.50	4785.63	7255.12	-92.56	0.11	672.88	1927.12	1887.44	760.56
11754	91.80	0.50	4784.43	7293.10	-92.23	0.00	634.90	1965.10	1887.77	760.23



Section 11  
35S 8W

Section 12  
35S 8W

BRAD 1-12H



Miss Entry: 5006'  
-98.139359 37.006078

Top Perf: 5026'  
-98.139359 37.006027

Section 14  
35S 8W

Section 13  
35S 8W

Section 15  
29N 9W

Section 14  
29N 9W

1214' FNL

2507' FWL

Bottom Perf: 9052'  
-98.138901 36.994997

BHL: 9142'  
-98.138896 36.994751



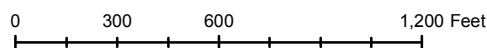
● Actual BH Location

\* SandRidge Wells

--- Perf

□ Sections

Actual Bottom-Hole Location of Brad 1-12H  
Alfalfa County, Kansas  
T&R: 29S 9W  
Section: 14, 2507' FWL & 1214' FNL  
Long/Lat: -98.138896 36.994751  
1 in = 567 ft



Draftsman:

Aaron Birk

Draft Date: 5/1/2012

Drawing Name/Number:

Addendum\_Brad\_1-12H.mxd

Coordinate System:

NAD 1927 State Plane  
Kansas South FIPS: 1502