



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1073873
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: _____

1073873

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brentley 1-6H
Doc ID	1073873

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9296-9601	2727 bbls water, 36 bbls acid, 74 lbs sd, 3432	
5	8917-9222	2583 bbls water, 36 bbls acid, 47M lbs sd, 3432 TLTR	
5	8537-8828	3451 bbls water, 36 bbls acid, 180M lbs sd, 11695 TLTR	
5	8158-8444	1942 bbls Slickwater, 36 bbls 15% acid, 1735 bbls 25# X-Link gel, 15859 TLTR	
5	7779-8084	3798 bbls water, 35 bbls acid, 180M lbs sd, 20706 TLTR	
5	7400-7705	3143 bbls water, 36 bbls acid, 117M lbs sd, 23984 TLTR; 6862 bbls water, 36 bbls acid, 180M lbs sd, 6904 TLTR	
5	7021-7326	8801 bbls water, 35 bbls acid, 180M lbs sd, 9167 TLTR	
5	6717-6947	4077 bbls water, 35 bbls acid, 179M lbs sd, 4112 TLTR	
5	6262-6568	4094 bbls water, 35 bbls acid, 174M lbs sand, 4129 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brentley 1-6H
Doc ID	1073873

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	5883-6189	4199 bbls water, 35 bbls acid, 176 lbs sand, 4234 TLTR	
5	5504-5809	3724 bbls water, 35 bbls acid, 174 lbs sand, 3798 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Brentley 1-6H
Doc ID	1073873

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	90	Mid-Continent 8 sack grout	12	none
Surface	12.25	9.63	36	1009	Halliburton Light Standard/ Standard	435	3% calcium Chloride, .25lbm Poly-E- Flake
Intermedia te	8.75	7	26	5618	50/50 Poz Standard w/Econoc em	185	2% bentonite, .4% Halad(R)- 9, 2lbm Kol-Seal, 2% Bentonite
Liner	6.13	4.5	11.6	9710	50/50 Poz Standard	450	.4% Halad(R)- 9, 2lbm Kol-Seal, 2% Bentonite

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

March 05, 2012

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

Re: ACO1
API 15-033-21614-01-00
Brentley 1-6H
NW/4 Sec.06-32S-19W
Comanche 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

Mid-Continent Conductor, LLC

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

Invoice

Date	Invoice #
1/9/2012	1188

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
Lawrence	Net 60	1/9/2012	Brentley 1-6H, Comanche Cnty, KS	Lariat 3

Item	Quantity	Description	
Conductor Hole	90	Drilled 90 ft. conductor hole	
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe	
Mouse Hole	80	Drilled 80 ft. mouse hole	
16" Pipe	80	Furnished 80 ft. of 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	12	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 \$22,840.00
			Sales Tax (0.0%) \$0.00
			Total \$22,840.00

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2906786	Quote #:	Sales Order #: 9257965
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: McCullary, Tyler	
Well Name: Brentley	Well #: 1-6H	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Comanche	State: Kansas
Legal Description: Section 6 Township 32S Range 19W			
Contractor: LARIAT		Rig/Platform Name/Num: Lariat 3	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: CRAWFORD, ROBERT		Srvc Supervisor: MANRIQUEZ, JOSE	MBU ID Emp #: 121801

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CASTRO	0.0	412360	GOMEZ, SIR JOHN	0.0	502120	MANRIQUEZ, JOSE	0.0	121801
GALLARDO, LUIS F			Arthur			Isaias		
SEELY, MATTHEW	0.0	507547						
Lance								

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10249493	60 mile	10713204	60 mile	10724589	60 mile		

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	09 - Feb - 2012	14:00	CST
Job depth MD	1000. ft	Job Depth TVD	Job Started	10 - Feb - 2012	10:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	10 - Feb - 2012	11:00	CST
Perforation Depth (MD) From		To	Departed Loc	10 - Feb - 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					1000.		
Surface Casing	Unknown		9.625	8.921	36.		J-55		1000.		

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	Conc	Qty

Fluid Data

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Halliburton Light Standard	EXTENDACEM (TM) SYSTEM (452981)	215.0	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)	220.0	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							
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					



API No.
OTC/OCC Operator No.

CEMENTING REPORT
To Accompany Completion Report

Form 1002C
Rev. 1998

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 SANDRIDGE ENERGY INC EBUSINESS				OCC/OTC Operator No			
*Well Name/No. Brentley 1-6H				County Comanche			
*Location 1/4 1/4 1/4 1/4		Sec 6	Twp 32S	Rge 19W			

Cement Casing Data	Conductor Casing	Surface Casing	Alternative Casing	Intermediate Casing	Production String	Liner
Cementing Date				2-22-12		
*Size of Drill Bit (Inches)				8 3/4		
*Estimated % wash or hole enlargement used in calculations				35		
*Size of Casing (inches O.D.)				7		
*Top of Liner (if liner used) (ft.)						
*Setting Depth of Casing (ft.) from ground level				5617		
Type of Cement (API Class) In first (lead) or only slurry				econocem		
In second slurry						
In third slurry						
Sacks of Cement Used In first (lead) or only slurry				185		
In second slurry						
In third slurry						
Vol of slurry pumped (Cu ft)(14.X15.) in first (lead) or only slurry				285		
In second slurry						
In third slurry						
Calculated Annular Height of Cement behind Pipe (ft)				3824		
Cement left in pipe (ft)				72		

*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/ 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 Cemente 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
JOSE MANRIQUEZ, Service Supervisor

Halliburton Energy Services

Address
701 DISPENSARY RD

City
BURNS FLAT

State
OK

Zip
73624

Telephone (AC) Number
580-562-1500

Date
2-22-12

*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.**

RECEIVED

MAR 14 2012

HALLIBURTON

Cementing Job Summary

REGULATORY DEPT
SANDRIDGE ENERGY

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2906786		Quote #:		Sales Order #: 9330325	
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: McCullary, Tyler			
Well Name: Brentley			Well #: 1-6H		API/UWI #:		
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas	
Legal Description: Section 6 Township 32S Range 19W							
Contractor: Lariat			Rig/Platform Name/Num: 3				
Job Purpose: Cement Production Liner							
Well Type: Development Well				Job Type: Cement Production Liner			
Sales Person: CRAWFORD, ROBERT			Srvc Supervisor: BURGESS, JONATHAN			MBU ID Emp #: 492943	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BURGESS, JONATHAN Jesse	10.5	492943	DAVIS, EDWARD Jay	10.5	510301	MILLER, ELWOOD W	10.5	459317
STANGL, TIMOTHY David Loui	10.5	333480						

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
3/3/12	10	2	3/4/12	0.5	0			
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					03 - Mar - 2012	08:00	CST
					03 - Mar - 2012	14:00	CST
	9710. ft		5310. ft		03 - Mar - 2012	20:45	CST
			14. ft		03 - Mar - 2012	22:35	CST
					04 - Mar - 2012	00:30	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Liner Open Hole				6.125				5734.	9722.	5310.	5310.
Intermediate Casing 1	Unknown		7.	6.184	29.	LTC	N-80	.	4420.	.	4420.
Intermediate Casing 2	Unknown		7.	6.184	29.	LTC	P-110	4420.	5734.	4420.	5310.
Production Liner	Unknown		4.5	4.	11.6		N-80	5334.	9722.	5310.	5310.
Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5334.		

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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Rig Caustic Water Spacer				30.00	bbl	8.5	.0	.0	5.0		
2	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)			450.0	sacks	13.6	1.54	7.36	5	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										
Calculated Values			Pressures			Volumes						
Displacement	115	Shut In: Instant	1900	Lost Returns	0	Cement Slurry	123	Pad				
Top Of Cement	5339	5 Min		Cement Returns		Actual Displacement	115	Treatment				
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	268			
Rates												
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5					
Cement Left In Pipe	Amount	89 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								



Company: Sandridge Energy
 Field: Comanche County
 County: Comanche
 Well Name: Brentley #1-6H
 Rig: Lariat 3

Job Number: 4417611
 Magnetic Decl: 5.64
 Grid Corr: -0.57
 Total Survey Corr: 6.21
 Date Printed: 10-Feb-12

Proposed Azimuth: 180.43
 Target Inclination: 0.00
 TVD: 4420.38
 BRN From Survey: 6.33
 BRN From Bit: 6.33

Projection		40.00	Depth (ft)	9707.00	Incl.	89.53	Azimuth	182.22	TVD	5325.92	VS	4797.49	N/S	4797.46 S	E/W	21.00 W
No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	N/S (ft)	Coordinates E/W (ft)	Closure Dist (ft)	Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wik Rate (°/100')	
0	TIE	18	0.00	0.00			18.00	0.00	0.00 N	0.00 E	0.00 E	0.00	0.00	0.00	0	
1	M/S	267	0.51	0.00	N 0.00	E 249	267.00	-1.11	1.11 N	0.00 E	0.00 E	1.11	0.00	0.20	0.00	
2	M/S	460	0.42	0.00	N 0.00	E 193	459.99	-2.67	2.67 N	0.00 E	0.00 E	2.67	0.00	-0.05	0.00	
3	M/S	750	0.60	0.00	N 0.00	E 290	749.98	-5.26	5.26 N	0.00 E	0.00 E	5.26	0.00	0.06	0.00	
4	MWD	1030	0.30	36.01	N 36.01	E 280	1029.97	-7.32	7.31 N	0.43 E	0.43 E	7.33	3.37	-0.11	12.86	
5	MWD	1093	0.15	142.63	S 37.37	E 63	1092.97	-7.39	7.38 N	0.58 E	0.58 E	7.41	4.48	-0.24	169.24	
6	MWD	1187	0.21	155.54	S 24.46	E 94	1186.97	-7.13	7.13 N	0.72 E	0.72 E	7.16	5.80	0.06	13.73	
7	MWD	1374	0.39	92.05	S 87.95	E 187	1373.97	-6.80	6.79 N	1.50 E	1.50 E	6.96	12.47	0.10	-33.95	
8	MWD	1852	0.96	103.56	S 76.44	E 478	1851.93	-5.85	5.80 N	7.02 E	7.02 E	9.10	50.46	0.12	2.41	
9	MWD	2330	2.12	133.10	S 46.90	E 478	2329.76	1.05	1.18 S	17.37 E	17.37 E	17.41	93.90	0.24	6.18	
10	MWD	2809	1.27	122.68	S 57.32	E 479	2808.54	9.89	10.10 S	28.31 E	28.31 E	30.06	109.64	-0.18	-2.18	
11	MWD	3289	1.45	114.50	S 65.50	E 480	3288.41	15.21	15.49 S	38.31 E	38.31 E	41.32	112.02	0.04	-1.70	
12	MWD	3576	1.31	80.38	N 80.38	E 287	3575.33	16.11	16.45 S	44.85 E	44.85 E	47.77	110.14	-0.05	-11.89	
13	MWD	3864	0.90	115.96	S 64.04	E 288	3863.28	16.52	16.89 S	50.13 E	50.13 E	52.90	108.62	-0.14	12.35	
14	MWD	4151	1.03	93.23	S 86.77	E 287	4150.24	17.61	18.02 S	54.73 E	54.73 E	57.62	108.23	0.05	-7.92	
15	MWD	4325	1.48	75.88	N 75.88	E 174	4324.20	17.12	17.56 S	58.47 E	58.47 E	61.05	106.72	0.26	-9.97	
16	MWD	4373	1.42	95.68	S 84.32	E 48	4372.18	17.02	17.47 S	59.66 E	59.66 E	62.17	106.32	-0.13	41.25	
17	MWD	4405	2.72	142.40	S 37.60	E 32	4404.16	17.66	18.11 S	60.52 E	60.52 E	63.17	106.66	4.06	146.00	
18	MWD	4437	5.00	159.95	S 20.05	E 32	4436.09	19.56	20.02 S	61.46 E	61.46 E	64.64	108.05	7.13	54.84	
19	MWD	4469	7.64	165.62	S 14.38	E 32	4467.89	22.93	23.40 S	62.47 E	62.47 E	66.71	110.53	8.25	17.72	
20	MWD	4501	9.93	168.21	S 11.79	E 32	4499.52	27.68	28.16 S	63.56 E	63.56 E	69.52	113.89	7.16	8.09	
21	MWD	4534	11.80	174.88	S 5.12	E 33	4531.92	33.82	34.30 S	64.44 E	64.44 E	73.01	118.03	5.67	20.21	
22	MWD	4566	13.90	179.58	S 0.42	E 32	4563.12	40.92	41.41 S	64.76 E	64.76 E	76.87	122.59	6.56	14.69	
23	MWD	4598	16.29	182.58	S 2.58	W 32	4594.02	49.25	49.74 S	64.59 E	64.59 E	81.52	127.60	7.47	9.38	
24	MWD	4630	18.52	184.08	S 4.08	W 32	4624.55	58.81	59.29 S	64.03 E	64.03 E	87.26	132.80	6.97	4.69	
25	MWD	4662	20.15	186.36	S 6.36	W 32	4654.74	69.36	69.84 S	63.06 E	63.06 E	94.09	137.92	5.09	7.13	
26	MWD	4694	22.21	186.24	S 6.24	W 32	4684.58	80.86	81.33 S	61.79 E	61.79 E	102.14	142.78	6.44	-0.38	
27	MWD	4725	23.71	187.17	S 7.17	W 31	4713.12	92.88	93.34 S	60.37 E	60.37 E	111.16	147.10	4.98	3.00	
28	MWD	4757	23.91	188.35	S 8.35	W 32	4742.40	105.69	106.14 S	58.63 E	58.63 E	121.25	151.08	0.62	3.69	
29	MWD	4789	25.00	190.10	S 10.10	W 32	4771.53	118.78	119.21 S	56.50 E	56.50 E	131.92	154.64	3.41	5.47	
30	MWD	4821	26.79	190.79	S 10.79	W 32	4800.32	132.55	132.95 S	53.96 E	53.96 E	143.49	157.91	5.59	2.16	
31	MWD	4853	27.53	193.22	S 13.22	W 32	4828.79	146.85	147.24 S	50.92 E	50.92 E	155.79	160.92	4.17	7.59	
32	MWD	4885	28.74	193.53	S 13.53	W 32	4857.01	161.56	161.92 S	47.43 E	47.43 E	168.72	163.67	3.81	0.97	
33	MWD	4916	31.25	193.21	S 13.21	W 31	4883.85	176.66	176.99 S	43.85 E	43.85 E	182.35	166.09	8.11	-1.03	
34	MWD	4948	33.60	192.87	S 12.87	W 32	4910.86	193.40	193.71 S	39.98 E	39.98 E	197.79	168.34	7.34	-1.06	
35	MWD	4980	35.53	192.64	S 12.64	W 32	4937.21	211.14	211.42 S	35.97 E	35.97 E	214.45	170.34	6.03	-0.72	



Company: Sandridge Energy
 Field: Comanche County
 County: Comanche
 Well Name: Brentley #1-6H
 Rig: Lariat 3

Job Number: 4417611
 Magnetic Decl: 5.64
 Grid Corr: -0.57
 Total Survey Corr: 6.21
 Date Printed: 10-Feb-12

Proposed Azimuth: 180.43
 Target Inclination: 0.00
 TVD: 4420.38
 BRN From Survey: 6.33
 BRN From Bit: 6.33

Projection	Tool No.	Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure Dist (ft)	N/S Ang (°)	DLS (°/100')	Bid Rate (°/100')	Wlk Rate (°/100')
										N/S (ft)	E/W (ft)					
0	TIE		18	0.00	0.00			18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
1	M/S		267	0.51	0.00	N	0.00	267.00	-1.11	1.11	0.00	1.11	0.00	0.20	0.20	0.00
2	M/S		460	0.42	0.00	N	0.00	459.99	-2.67	2.67	0.00	2.67	0.00	0.05	-0.05	0.00
3	M/S		750	0.60	0.00	N	0.00	749.98	-5.26	5.26	0.00	5.26	0.00	0.06	0.06	0.00
4	MWD		1030	0.30	36.01	N	36.01	1029.97	-7.32	7.31	0.43	7.33	3.37	0.14	-0.11	12.86
5	MWD		1093	0.15	142.63	S	37.37	1092.97	-7.39	7.38	0.58	7.41	4.48	0.59	-0.24	169.24
6	MWD		1187	0.21	155.54	S	24.46	1186.97	-7.13	7.13	0.72	7.16	5.80	0.08	0.06	13.73
7	MWD		1374	0.39	92.05	S	87.95	1373.97	-6.80	6.79	1.50	6.96	12.47	0.19	0.10	-33.95
8	MWD		1852	0.96	103.56	S	76.44	1851.93	-5.85	5.80	7.02	9.10	50.46	0.12	0.12	2.41
9	MWD		2330	2.12	133.10	S	46.90	2329.76	1.05	1.18	17.37	17.41	93.90	0.29	0.24	6.18
10	MWD		2809	1.27	122.68	S	57.32	2808.54	9.89	10.10	28.31	30.06	109.64	0.19	-0.18	-2.18
11	MWD		3289	1.45	114.50	S	65.50	3288.41	15.21	15.49	38.31	41.32	112.02	0.06	0.04	-1.70
12	MWD		3576	1.31	80.38	N	80.38	3575.33	16.11	16.45	44.85	47.77	110.14	0.29	-0.05	-11.89
13	MWD		3864	0.90	115.96	S	64.04	3863.28	16.52	16.89	50.13	52.90	108.62	0.27	-0.14	12.35
14	MWD		4151	1.03	93.23	S	86.77	4150.24	17.61	18.02	54.73	57.62	108.23	0.14	0.05	-7.92
15	MWD		4325	1.48	75.88	N	75.88	4324.20	17.12	17.56	58.47	61.05	106.72	0.34	0.26	-9.97
16	MWD		4373	1.42	95.68	S	84.32	4372.18	17.02	17.47	59.66	62.17	106.32	1.05	-0.13	41.25
17	MWD		4405	2.72	142.40	S	37.60	4404.16	17.66	18.11	60.52	63.17	106.66	6.34	4.06	146.00
18	MWD		4437	5.00	159.95	S	20.05	4436.09	19.56	20.02	61.46	64.64	108.05	7.94	7.13	54.84
19	MWD		4469	7.64	165.62	S	14.38	4467.89	22.93	23.40	62.47	66.71	110.53	8.47	8.25	17.72
20	MWD		4501	9.93	168.21	S	11.79	4499.52	27.68	28.16	63.56	69.52	113.89	7.26	7.16	8.09
21	MWD		4534	11.80	174.88	S	5.12	4531.92	33.82	34.30	64.44	73.01	118.03	6.82	5.67	20.21
22	MWD		4566	13.90	179.58	S	0.42	4563.12	40.92	41.41	64.76	76.87	122.59	7.33	6.56	14.69
23	MWD		4598	16.29	182.58	S	2.58	4594.02	49.25	49.74	64.59	81.52	127.60	7.86	7.47	9.38
24	MWD		4630	18.52	184.08	S	4.08	4624.55	58.81	59.29	64.03	87.26	132.80	7.11	6.97	4.69
25	MWD		4662	20.15	186.36	S	6.36	4654.74	69.36	69.84	63.06	94.09	137.92	5.61	5.09	7.13
26	MWD		4694	22.21	186.24	S	6.24	4684.58	80.86	81.33	61.79	102.14	142.78	6.44	6.44	-0.38
27	MWD		4725	23.91	187.17	S	7.17	4713.12	92.88	93.34	60.37	111.16	147.10	4.98	4.84	3.00
28	MWD		4757	23.91	188.35	S	8.35	4742.40	105.69	106.14	58.63	121.25	151.08	1.61	0.62	3.69
29	MWD		4789	25.00	190.10	S	10.10	4771.53	118.78	119.21	56.50	131.92	154.64	4.09	3.41	5.47
30	MWD		4821	26.79	190.79	S	10.79	4800.32	132.55	132.95	53.96	143.49	157.91	5.67	5.59	2.16
31	MWD		4853	27.53	193.22	S	13.22	4828.79	146.85	147.24	50.92	155.79	160.92	4.17	2.31	7.59
32	MWD		4885	28.74	193.53	S	13.53	4857.01	161.56	161.92	47.43	168.72	163.67	3.81	3.78	0.97
33	MWD		4916	31.25	193.21	S	13.21	4883.85	176.66	176.99	43.85	182.35	166.09	8.11	8.10	-1.03
34	MWD		4948	33.60	192.87	S	12.87	4910.86	193.40	193.71	39.98	197.79	168.34	7.37	7.34	-1.06
35	MWD		4980	35.53	192.64	S	12.64	4937.21	211.14	211.42	35.97	214.45	170.34	6.05	6.03	-0.72
36	MWD		5012	37.80	191.90	S	11.90	4962.88	229.84	230.09	31.92	232.29	172.10	7.23	7.09	-2.31
37	MWD		5044	40.40	189.82	S	9.82	4987.71	249.69	249.90	28.12	251.48	173.58	9.10	8.13	-6.50
38	MWD		5076	42.75	191.11	S	11.11	5011.65	270.59	270.78	24.26	271.87	174.88	7.82	7.34	4.03
39	MWD		5108	44.18	191.83	S	11.83	5034.87	292.20	292.36	19.88	293.03	176.11	4.73	4.47	2.25
40	MWD		5140	47.17	191.53	S	11.53	5057.23	314.65	314.77	15.25	315.14	177.23	9.37	9.34	-0.94
41	MWD		5172	49.51	190.96	S	10.96	5078.50	338.13	338.22	10.59	338.38	178.21	7.43	7.31	-1.78
42	MWD		5204	50.11	191.37	S	11.37	5099.15	362.15	362.20	5.86	362.25	179.07	2.12	1.88	1.28
43	MWD		5236	50.13	191.31	S	11.31	5119.67	386.26	386.28	1.03	386.28	179.85	0.16	0.06	-0.19
44	MWD		5268	50.24	190.99	S	10.99	5140.16	410.41	410.39	3.72	410.41	180.52	0.84	0.34	-1.00
45	MWD		5300	50.27	190.74	S	10.74	5160.62	434.61	434.56	8.36	434.64	181.10	0.61	0.09	-0.78
46	MWD		5332	51.20	190.74	S	10.74	5180.87	458.98	458.90	12.98	459.08	181.62	2.91	2.91	0.00
47	MWD		5363	54.25	189.89	S	9.89	5199.64	483.28	483.16	17.39	483.48	182.06	10.08	9.84	-2.74
48	MWD		5395	57.78	188.95	S	8.95	5217.53	509.49	509.34	21.73	509.80	182.44	11.30	11.03	-2.94
49	MWD		5427	61.65	189.04	S	9.04	5233.66	536.81	536.62	26.05	537.26	182.78	12.10	12.09	0.28
50	MWD		5458	64.27	188.88	S	8.88	5247.75	564.11	563.90	30.35	564.71	183.08	8.46	8.45	-0.52
51	MWD		5490	66.61	188.19	S	8.19	5261.05	592.92	592.68	34.67	593.69	183.35	7.57	7.31	-2.16
52	MWD		5522	69.61	187.40	S	7.40	5272.98	622.37	622.09	38.69	623.29	183.56	9.65	9.38	-2.47
53	MWD		5554	72.58	186.85	S	6.85	5283.35	652.43	652.13	42.45	653.51	183.72	9.42	9.28	-1.72



Company: Sandridge Energy
 Field: Comanche County
 County: Comanche
 Well Name: Brentley #1-6H
 Rig: Lariat 3

Job Number: 4417611
 Magnetic Decl: 5.64
 Grid Corr: -0.57
 Total Survey Corr: 6.21
 Date Printed: 10-Feb-12

Proposed Azimuth: 180.43
 Target Inclination: 0.00
 TVD: 4420.38
 BRN From Survey: 6.33
 BRN From Bit: 6.33

Projection	40.00	Depth (ft)	9707.00	Incl.	89.53	Azimuth	182.22	TVD	5325.92	VS	4797.49	N/S	4797.46	S	E/W	21.00	W	
Tool	Type	Depth (ft)	Incl (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	N/S (ft)	Coordinates E/W (ft)	Closure Dist. (ft)	Ang (°)	DLS (%/100)	Bid Rate (%/100)	Wlk Rate (%/100)				
54	MWD	5586	75.42	S	5.70	W	32	5292.17	683.03	682.70	S	45.80	W	684.24	183.84	9.52	8.88	-3.59
55	MWD	5598	76.45	S	5.05	W	12	5295.09	694.62	694.29	S	46.89	W	695.87	183.86	10.06	8.58	-5.42
56	MWD	5652	80.70	S	3.14	W	54	5305.78	747.43	747.07	S	50.67	W	748.79	183.88	8.60	7.87	-3.54
57	MWD	5684	84.16	S	2.92	W	32	5310.00	779.11	778.74	S	52.34	W	780.50	183.85	10.83	10.81	-0.69
58	MWD	5716	88.24	S	2.34	W	32	5312.12	811.01	810.63	S	53.81	W	812.42	183.80	12.88	12.75	-1.81
59	MWD	5748	88.39	S	2.20	W	32	5313.06	842.98	842.59	S	55.07	W	844.39	183.74	0.64	0.47	-0.44
60	MWD	5812	90.46	S	1.14	W	64	5313.70	906.96	906.56	S	56.94	W	908.34	183.59	3.63	3.23	-1.66
61	MWD	5876	90.37	S	0.78	W	64	5313.24	970.96	970.55	S	58.01	W	972.28	183.42	0.58	-0.14	-0.56
62	MWD	5972	90.49	S	0.31	W	96	5312.52	#####	#####	S	58.92	W	1068.17	183.16	0.51	0.12	-0.49
63	MWD	6067	90.89	S	0.26	E	96	5311.37	#####	#####	S	58.97	W	1163.03	182.91	0.73	0.42	-0.60
64	MWD	6163	91.39	S	0.37	E	96	5309.46	#####	#####	S	58.44	W	1258.87	182.66	0.53	0.52	-0.11
65	MWD	6260	89.42	S	1.21	E	97	5308.78	#####	#####	S	57.10	W	1355.70	182.41	2.21	-2.03	-0.87
66	MWD	6356	89.32	S	1.49	E	96	5309.83	#####	#####	S	54.84	W	1451.50	182.17	0.31	-0.10	-0.29
67	MWD	6451	89.45	S	1.49	E	95	5310.85	#####	#####	S	52.37	W	1546.31	181.94	0.14	0.14	0.00
68	MWD	6548	88.64	S	2.22	E	97	5312.47	#####	#####	S	49.23	W	1643.10	181.72	1.12	-0.84	-0.75
69	MWD	6644	88.55	S	2.49	E	96	5314.82	#####	#####	S	45.29	W	1738.84	181.49	0.30	-0.09	-0.28
70	MWD	6740	88.98	S	2.54	E	96	5316.89	#####	#####	S	41.07	W	1834.59	181.28	0.45	0.45	-0.05
71	MWD	6837	89.14	S	2.70	E	97	5318.48	#####	#####	S	36.64	W	1931.37	181.09	0.23	0.16	-0.16
72	MWD	6934	89.23	S	3.01	E	97	5319.86	#####	#####	S	31.81	W	2028.14	180.90	0.33	0.09	-0.32
73	MWD	7031	89.57	S	3.48	E	97	5320.88	#####	#####	S	26.32	W	2124.89	180.71	0.60	0.35	-0.48
74	MWD	7128	89.54	S	3.66	E	97	5321.63	#####	#####	S	20.28	W	2221.63	180.52	0.19	-0.03	-0.19
75	MWD	7225	89.45	S	4.05	E	97	5322.49	#####	#####	S	13.76	W	2318.35	180.34	0.41	-0.09	-0.40
76	MWD	7320	89.82	S	3.52	E	95	5323.09	#####	#####	S	7.49	W	2413.11	180.18	0.68	0.39	0.56
77	MWD	7416	90.09	S	3.85	E	96	5323.17	#####	#####	S	1.32	W	2508.90	180.03	0.44	0.28	-0.34
78	MWD	7512	89.35	S	3.21	E	96	5323.64	#####	#####	S	4.69	E	2604.72	179.90	1.02	-0.77	0.67
79	MWD	7608	89.35	S	4.11	E	96	5324.73	#####	#####	S	10.72	E	2700.54	179.77	0.94	0.00	-0.94
80	MWD	7703	89.94	S	2.96	E	95	5325.31	#####	#####	S	16.58	E	2795.38	179.66	1.36	0.62	1.21
81	MWD	7798	90.49	S	2.94	E	95	5324.96	#####	#####	S	21.47	E	2890.29	179.57	0.58	0.58	0.02
82	MWD	7892	89.91	S	1.93	E	94	5324.63	#####	#####	S	25.46	E	2984.23	179.51	1.24	-0.62	1.07
83	MWD	7988	89.88	S	1.42	E	96	5324.81	#####	#####	S	28.27	E	3080.21	179.47	0.53	-0.03	0.53
84	MWD	8083	90.15	S	0.94	E	95	5324.78	#####	#####	S	30.22	E	3175.20	179.45	0.58	0.28	0.51
85	MWD	8178	90.46	S	1.00	E	95	5324.27	#####	#####	S	31.83	E	3270.20	179.44	0.33	0.33	-0.06
86	MWD	8274	90.62	S	0.67	E	96	5323.37	#####	#####	S	33.23	E	3366.19	179.43	0.38	0.17	0.34
87	MWD	8369	90.68	S	1.21	E	95	5322.29	#####	#####	S	34.79	E	3461.18	179.42	0.57	0.06	-0.57
88	MWD	8427	89.14	S	0.46	E	58	5322.38	#####	#####	S	35.63	E	3519.18	179.42	2.95	-2.66	1.29
89	MWD	8491	88.80	S	0.99	W	64	5323.53	#####	#####	S	35.34	E	3583.16	179.43	2.33	-0.53	2.27
90	MWD	8586	88.71	S	0.92	W	95	5325.60	#####	#####	S	33.75	E	3678.11	179.47	0.12	-0.09	-0.07
91	MWD	8682	88.89	S	1.44	W	96	5327.61	#####	#####	S	31.78	E	3774.04	179.52	0.57	0.19	0.54
92	MWD	8777	90.18	S	2.47	W	95	5328.38	#####	#####	S	28.54	E	3868.95	179.58	1.74	1.36	1.08
93	MWD	8873	89.78	S	2.57	W	96	5328.41	#####	#####	S	24.32	E	3964.83	179.65	0.43	-0.42	0.10
94	MWD	8969	90.80	S	2.90	W	96	5327.93	#####	#####	S	19.74	E	4060.69	179.72	1.12	1.06	0.34
95	MWD	9064	91.08	S	2.90	W	95	5326.37	#####	#####	S	14.93	E	4155.53	179.79	0.29	0.29	0.00
96	MWD	9160	91.20	S	3.42	W	96	5324.46	#####	#####	S	9.64	E	4251.35	179.87	0.56	0.13	0.54
97	MWD	9255	89.48	S	3.26	W	95	5323.89	#####	#####	S	4.10	E	4346.18	179.95	1.82	-1.81	-0.17
98	MWD	9350	89.45	S	3.79	W	95	5324.78	#####	#####	S	1.74	W	4440.99	180.02	0.56	-0.03	0.56
99	MWD	9446	90.00	S	3.20	W	96	5325.24	#####	#####	S	7.59	W	4536.82	180.10	0.84	0.57	-0.61
100	MWD	9541	89.69	S	3.00	W	95	5325.50	#####	#####	S	12.73	W	4631.69	180.16	0.39	-0.33	-0.21
101	MWD	9637	90.09	S	3.04	W	96	5325.68	#####	#####	S	17.78	W	4727.57	180.22	0.42	0.42	0.04
102	MWD	9667	89.85	S	2.69	W	30	5325.70	#####	#####	S	19.28	W	4757.54	180.23	1.41	-0.80	-1.17

TVD
VS
N/S
E/W

TARGET
4420.38
3.87
3.87 S
0.03 W

Inc. Needed	Direction Needed	Dist To Target
0.07	180.3	4.98
0.09	180.3	6.54
0.14	180.2	9.13
0.19	182.4	11.19
0.19	183.1	11.27
0.20	183.9	11.02
0.20	188.2	10.77
0.27	216.1	11.96
0.48	261.2	17.61
1.03	282.4	29.01
2.03	286.9	40.06
3.16	285.7	46.61
5.31	284.6	51.82
11.83	284.5	56.56
31.99	283.2	60.08
51.79	282.8	61.22
75.39	283.2	62.20
-76.12	284.7	63.58
-54.03	287.3	65.48
-40.70	290.9	68.07
-32.59	295.3	71.30
-27.68	300.1	74.88
-24.53	305.4	79.24
-22.53	310.9	84.70
-21.28	316.3	91.28
-20.56	321.4	99.10
-20.24	326.0	107.95
-20.11	330.2	117.90
-20.09	333.9	128.45
-20.22	337.3	139.92
-20.43	340.4	152.15
-20.70	343.3	165.02
-21.07	345.8	178.60
-21.58	348.1	194.01
-22.17	350.2	210.65
-22.84	352.0	228.46
-23.58	353.5	247.64
-24.38	354.8	268.02
-25.20	356.1	289.17
-26.05	357.2	311.28
-26.94	358.2	334.52
-27.83	359.1	358.36
-28.67	359.8	382.41
-29.46	0.5	406.54
-30.20	1.1	430.77
-30.90	1.6	455.21
-31.61	2.1	479.61
-32.40	2.5	505.93
-33.26	2.8	533.39
-34.13	3.1	560.85
-35.05	3.4	589.83
-36.00	3.6	619.43
-36.97	3.7	649.65

TVD
VS
N/S
E/W

TARGET
4420.38

.....
3.87
.....
3.87 S
.....
0.03 W
.....

Inc. Needed	Direction Needed	Dist To Target
-37.97	3.9	680.37
-38.35	3.9	692.01
-40.08	3.9	744.92
-41.12	3.9	776.64
-42.20	3.8	808.55
-43.28	3.8	840.53
-45.36	3.6	904.48
-47.32	3.4	968.42
-50.03	3.2	1064.30
-52.45	2.9	1159.16
-54.69	2.7	1255.00
-56.69	2.4	1351.83
-58.43	2.2	1447.63
-60.00	1.9	1542.44
-61.44	1.7	1639.23
-62.73	1.5	1734.97
-63.91	1.3	1830.72
-65.02	1.1	1927.50
-66.04	0.9	2024.27
-67.00	0.7	2121.02
-67.88	0.5	2217.76
-68.71	0.3	2314.48
-69.46	0.2	2409.24
-70.18	0.0	2505.03
-70.85	359.9	2600.85
-71.46	359.8	2696.67
-72.04	359.7	2791.51
-72.60	359.6	2886.42
-73.12	359.5	2980.36
-73.62	359.5	3076.34
-74.08	359.5	3171.33
-74.53	359.4	3266.33
-74.97	359.4	3362.32
-75.38	359.4	3457.31
-75.61	359.4	3515.31
-75.84	359.4	3579.29
-76.16	359.5	3674.24
-76.47	359.5	3770.17
-76.78	359.6	3865.08
-77.09	359.6	3960.96
-77.39	359.7	4056.82
-77.69	359.8	4151.66
-77.98	359.9	4247.48
-78.25	359.9	4342.31
-78.48	0.0	4437.12
-78.71	0.1	4532.95
-78.93	0.2	4627.82
-79.15	0.2	4723.70
-79.22	0.2	4753.67

SHAMROCK GAS ANALYSIS

LABORATORY REFERENCE NUMBER : M13850.J06966

SANDRIDGE ENERGY, INC.

ID: **KS03R0023**
 AREA: **NOT/REC**
 METER: **BRENTLY 1-6H**
 LEASE: **BRENTLY 1-6H**
 OPERATOR: **SANDRIDGE**
 STATION: **KS03R0023**
 SAMPLE DATE: **3/29/2012**
 SAMPLE OF: **GAS**

LINE PRESSURE: **65.8 PSI**
 LINE TEMPERATURE: **84.4 F**
 CYLINDER NUMBER: **8982**
 EFFECTIVE DATE: **3/1/2012**
 SAMPLED BY: **D. PATTON**
 ANALYZED BY: **BRENNAN**
 ANALYZED DATE: **4/9/2012**
 SAMPLE TYPE: **SPOT**

For: **SANDRIDGE ENERGY, INC.**
 Attn: **JULIE COSTELLO**
123 ROBERT S. KERR AVENUE
OKLAHOMA CITY, OK 73102-6406

Physical Properties per GPA 2145-09

Calculations per GPA 2172-09

Note: Zero = Less than detection limit

	MOL%	GPM @ 14.696
HYDROGEN	0.017	0.002
HELIUM	0.286	0.029
HYDROGEN SULFIDE	0.000	0.000
NITROGEN	7.156	0.785
CARBON DIOXIDE	0.337	0.057
METHANE	86.121	14.550
ETHANE	3.715	0.990
PROPANE	1.040	0.286
ISOBUTANE	0.245	0.080
N-BUTANE	0.385	0.121
ISOPENTANE	0.165	0.060
N-PENTANE	0.127	0.046
HEXANES PLUS	0.406	0.181
	100.000	17.187

BTU	Vol. Ideal Gas Fuel	Vol. Real Gas Fuel
BTU @ 14.65 PSIA (DRY)	1012.3	1014.6
BTU @ 14.65 PSIA (SAT.)	994.5	997.2
Specific Gravity	0.6395	0.6407
Compressibility (Z)	0.9977	

Gasoline Content (Gallons Per Thousand - GPM)

Ethane & Heavier	1.764
Propane & Heavier	0.774
Butane & Heavier	0.488
Pentane & Heavier	0.287
Total 26 psi Reid V.P. Gasoline GPM	0.451

Secondary BTU Psia Base

	Vol. IDEAL Gas Fuel	Vol. Real Gas Fuel
BTU @ 14.73 PSIA (DRY)	1017.8	1020.1
BTU @ 14.73 PSIA (SAT.)	1000.0	1002.6
Compressibility (Z) at 14.73 =	0.9977	

Remarks: Field H2S ppm = NONE DETECTED NO PREVIOUS BTU AVAILABLE
Remarks: 47-36-17 HEXANES SPLIT AS PER K. HARPER 05/02/11

Section 36
31S 20W

Section 31
31S 19W

BRENTLEY 1-6H



Miss Entry: 5395'
-99.433876 37.292533

Top Perf: 5490'
-99.433919 37.292303

Section 1
32S 20W

Section 6
32S 19W

Bottom Perf: 9255'
-99.433655 37.281996

BHL: 9667'
-99.433722 37.280866

777' FWL

309' FSL

Section 12
32S 20W

Section 7
32S 19W



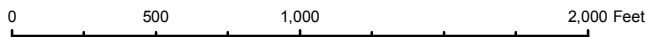
● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

Actual Bottom-Hole Location of Brentley 1-6H
Comanche County, Kansas
T&R: 32S 19W
Section: 6, 777' FWL & 309' FSL
Long/Lat: -99.433722 37.280866
1 in = 667 ft



Draftsman:

Aaron Birk

Draft Date: 4/25/2012

Drawing Name/Number:

Addendum_Brentley_1-6H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Logo

Back to Well Completion

Brentley 1-6H (1073873)

Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

Attachments

Two Year Confidentiality OPERATOR	View PDF Delete
Cementing Records OPERATOR	View PDF Delete
Directional Survey OPERATOR	View PDF Delete
Gas Analysis OPERATOR	View PDF Delete
As Drilled Plat OPERATOR	View PDF Delete

[Add Attachment](#)

Remarks

Remarks to KCC

[Add Remark](#)

Remarks

Tiffany Golay 04/02/012 10:49 am	Conductor weight= 106.5 lbs/ft; 12 yards of grout were used. Mid-Continent does not track sacks used.
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