

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1238884
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: _____

1238884

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ 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: <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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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/19/2014
Job End Date:	11/21/2014
State:	Kansas
County:	Harper
API Number:	15-077-22091-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Jones Trust 3408 2-28H 1L
Longitude:	-98.19561446
Latitude:	37.06455441
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	4,855
Total Base Water Volume (gal):	2,139,186
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Archer	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	95.56566	None
Sand (Proppant)	Archer	Proppant					
			Silica Substrate	NA	100.00000	4.20293	None
Hydrochloric Acid (15%)	Archer	Acidizing					
			Hydrochloric Acid	7647-01-0	15.00000	0.01917	None
			Methyl Alcohol	67-56-1	80.00000	0.00018	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00003	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.00001	None
Chemflush	Archer	Enviro-Friendly Chemical Flush					
			Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.00255	None
			Alcohol Ethoxylate Surfactants	NA	10.00000	0.00026	None
AIC	Archer	Liquid Acid Iron Control					
			Acetic Acid	64-19-7	50.00000	0.00037	None
			Citric Acid	77-92-9	30.00000	0.00022	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					

		Water	7732-18-5		0.05322
		Aliphatic Hydrocarbon	64742-47-8		0.02661
		Anionic Polymer	N/A		0.02661
		Water	7732-18-5		0.01018
		Oxyalkylated Alcohol	68002-97-1		0.00444
		Polyol Ester	N/A		0.00444
		Sodium Salt of Phosphate Ester	68131-72-6		0.00170
		Acrylic Polymer	28205-96-1		0.00170
		Polyglycol Ester	N/A		0.00089
		Water	7732-18-5		0.00026
		Tetrasodium Ethylenediaminetetraacetate	64-02-8		0.00009
		WATER	7732-18-5		0.00005
		TRADE SECRET	N/A		0.00004
		Alcohol Ethoxylate Surfactants	N/A		0.00003
		n-olefins	N/A		0.00002
		Propargyl Alcohol	107-19-7		0.00001
		ISOPROPANOL	67-63-0		0.00001
		METHANOL	67-56-1		0.00001
		Acetic Acid	64-19-7		
		Buffer	N/A		
		Cinnamic Aldehyde	104-55-2		
		Surfactant	N/A		
		Water	7732-18-5		

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Jones Trust 3408 2-28H 1L

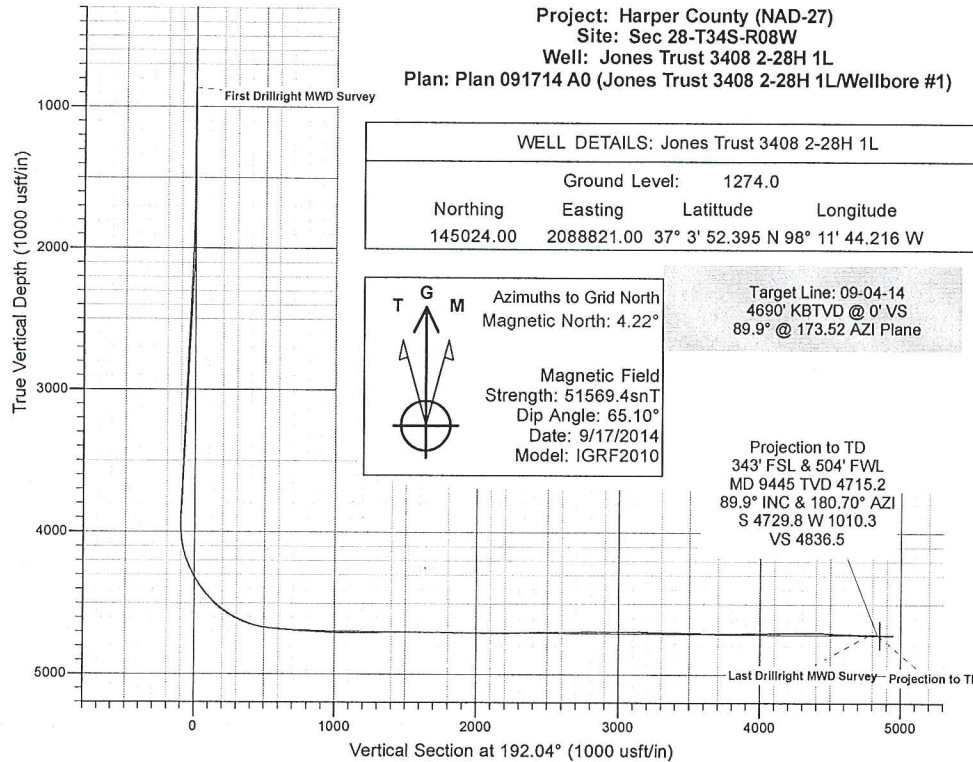
Date	Type	Top	Bottom	Zone	Shot	Conveyance	Fluid Type	Wellbore
		Depth	Depth		Density			
11/19/14	Perforated	6603	6605	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	6686	6688	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	6748	6750	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	6813	6815	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	6888	6890	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	6973	6975	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7048	7050	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7123	7125	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7198	7200	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7275	7277	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7353	7355	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7413	7415	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7483	7485	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7568	7570	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7633	7635	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7703	7705	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7810	7812	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7885	7887	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7903	7905	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	7998	8000	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8062	8064	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8100	8102	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8180	8182	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8268	8270	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8338	8340	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8430	8432	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8502	8504	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8580	8582	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8633	8635	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8722	8724	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8788	8790	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8828	8830	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8886	8888	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	8960	8962	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	9008	9010	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	9173	9175	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	9213	9215	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	9250	9252	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	9298	9300	Miss Lime,	5	Wireline	Fresh Water	L1
11/19/14	Perforated	9350	9352	Miss Lime,	5	Wireline	Fresh Water	L1

Sandridge Energy



SECTION DETAILS

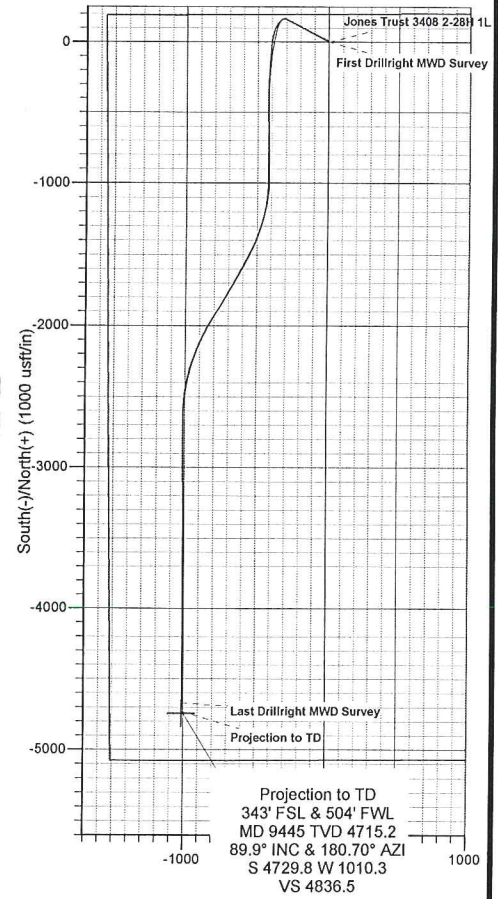
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1750.0	0.00	0.00	1750.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
2263.5	10.27	298.35	2260.8	21.8	-40.4	2.00	298.35	-12.9	Start hold at 2263.5 MD
3942.8	10.27	298.35	3913.1	164.0	-303.9	0.00	0.00	-97.0	Start DLS 8.00
5103.8	88.00	180.00	4680.5	-525.0	-422.1	8.00	-118.28	601.5	Start 400.0 hold at 5103.8 MD
5503.8	88.00	180.00	4694.5	-924.7	-422.1	0.00	0.00	992.4	Start DLS 3.00
5558.8	89.65	180.00	4695.6	-979.7	-422.1	3.00	0.00	1046.2	Start DLS 5.00
6158.8	89.65	210.00	4699.4	-1552.6	-575.6	5.00	90.09	1638.5	Start hold at 6158.8 MD
6723.8	89.65	210.00	4702.8	-2041.9	-858.1	0.00	0.00	2176.0	Start Turn -5.00
7323.6	89.65	180.01	4706.6	-2614.7	-1011.6	5.00	-90.09	2768.2	Start DLS 0.00
9454.0	89.65	180.01	4719.6	-4745.0	-1012.0	0.00	119.65	4851.7	TD at 9454.0



WELL DETAILS: Jones Trust 3408 2-28H 1L			
Ground Level:		1274.0	
Northing	Easting	Latitude	Longitude
145024.00	2088821.00	37° 3' 52.395 N	98° 11' 44.216 W

T G M
 Azimuths to Grid North
 Magnetic North: 4.22°
 Magnetic Field
 Strength: 51569.4snT
 Dip Angle: 65.10°
 Date: 9/17/2014
 Model: IGRF2010

Target Line: 09-04-14
 4690' KBTVD @ 0' VS
 89.9° @ 173.52 AZI Plane
 Projection to TD
 343' FSL & 504' FWL
 MD 9445 TVD 4715.2
 89.9° INC & 180.70° AZI
 S 4729.8 W 1010.3
 VS 4836.5



Survey Report

Company: Sandridge Energy	Local Co-ordinate Reference: Well Jones Trust 3408 2-28H 1L
Project: Harper County (NAD-27)	TVD Reference: KB @ 1295.0usft
Site: Sec 28-T34S-R08W	MD Reference: KB @ 1295.0usft
Well: Jones Trust 3408 2-28H 1L	North Reference: Grid
Wellbore: Wellbore #1	Survey Calculation Method: Minimum Curvature
Design: Wellbore #1	Database: EDM 5000.1 Single User Db

Project Harper County (NAD-27)		
Map System: US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum: NAD 1927 (NADCON CONUS)		
Map Zone: Kansas South 1502		

Site Sec 28-T34S-R08W					
Site Position:		Northing:	139,947.00 usft	Latitude:	37° 3' 2.247 N
From: Map		Easting:	2,087,312.00 usft	Longitude:	98° 12' 3.034 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.18 °

Well Jones Trust 3408 2-28H 1L					
Well Position	+N/-S	0.0 usft	Northing:	145,024.00 usft	Latitude: 37° 3' 52.395 N
	+E/-W	0.0 usft	Easting:	2,088,821.00 usft	Longitude: 98° 11' 44.216 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level: 1,274.0 usft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/17/2014	4.40	65.10	51,569

Design Wellbore #1					
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0		192.04

Survey Program Date 10/13/2014					
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
866.0	9,445.0	Drillright MWD Surveys (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
866.0	0.50	347.80	866.0	3.7	-0.8	-3.4	0.06	0.06	0.00	
First Drillright MWD Survey										
1,140.0	0.40	18.40	1,140.0	5.8	-0.7	-5.5	0.09	-0.04	11.17	
1,322.0	0.40	8.00	1,322.0	7.0	-0.5	-6.8	0.04	0.00	-5.71	
1,602.0	0.20	25.00	1,602.0	8.4	-0.1	-8.2	0.08	-0.07	6.07	
1,791.0	2.50	287.50	1,790.9	10.0	-3.9	-8.9	1.34	1.22	-51.59	
1,886.0	4.60	298.50	1,885.7	12.4	-9.2	-10.2	2.31	2.21	11.58	
1,980.0	6.40	299.40	1,979.3	16.8	-17.1	-12.8	1.92	1.91	0.96	
2,074.0	8.00	299.10	2,072.5	22.5	-27.4	-16.3	1.70	1.70	-0.32	

Survey Report

Company:	Sandridge Energy	Local Co-ordinate Reference:	Well Jones Trust 3408 2-28H 1L
Project:	Harper County (NAD-27)	TVD Reference:	KB @ 1295.0usft
Site:	Sec 28-T34S-R08W	MD Reference:	KB @ 1295.0usft
Well:	Jones Trust 3408 2-28H 1L	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
2,168.0	9.40	294.20	2,165.5	28.8	-40.1	-19.8	1.68	1.49	-5.21	
2,263.0	9.90	295.40	2,259.1	35.5	-54.6	-23.4	0.57	0.53	1.26	
2,358.0	10.70	296.20	2,352.6	42.9	-69.9	-27.4	0.86	0.84	0.84	
2,454.0	9.00	294.80	2,447.2	50.0	-84.7	-31.2	1.79	-1.77	-1.46	
2,548.0	9.90	297.50	2,539.9	56.8	-98.5	-35.0	1.07	0.96	2.87	
2,644.0	10.40	302.90	2,634.4	65.3	-113.1	-40.3	1.12	0.52	5.63	
2,738.0	9.90	300.30	2,726.9	74.0	-127.2	-45.9	0.72	-0.53	-2.77	
2,832.0	10.00	298.10	2,819.5	81.9	-141.4	-50.7	0.42	0.11	-2.34	
2,927.0	9.80	295.80	2,913.1	89.4	-155.9	-54.9	0.47	-0.21	-2.42	
3,020.0	9.00	292.30	3,004.8	95.6	-169.8	-58.0	1.06	-0.86	-3.76	
3,115.0	9.10	298.10	3,098.7	101.9	-183.3	-61.4	0.97	0.11	6.11	
3,210.0	9.00	299.20	3,192.5	109.1	-196.4	-65.7	0.21	-0.11	1.16	
3,304.0	10.20	300.70	3,285.2	116.9	-210.0	-70.5	1.30	1.28	1.60	
3,398.0	8.10	294.60	3,378.0	123.9	-223.2	-74.6	2.46	-2.23	-6.49	
3,493.0	8.00	296.60	3,472.0	129.7	-235.2	-77.8	0.31	-0.11	2.11	
3,587.0	8.50	298.20	3,565.1	135.9	-247.1	-81.3	0.59	0.53	1.70	
3,682.0	10.20	297.80	3,658.8	143.1	-260.8	-85.6	1.79	1.79	-0.42	
3,777.0	9.40	294.70	3,752.4	150.3	-275.3	-89.6	1.01	-0.84	-3.26	
3,872.0	10.50	300.00	3,846.0	157.9	-289.8	-93.9	1.51	1.16	5.58	
3,904.0	10.70	301.40	3,877.4	160.9	-294.9	-95.8	1.02	0.63	4.38	
3,935.0	10.10	294.60	3,907.9	163.5	-299.8	-97.4	4.40	-1.94	-21.94	
3,967.0	10.00	284.70	3,939.4	165.4	-305.0	-98.1	5.40	-0.31	-30.94	
3,998.0	10.00	271.90	3,970.0	166.1	-310.3	-97.8	7.16	0.00	-41.29	
4,030.0	10.30	258.20	4,001.5	165.6	-315.9	-96.1	7.58	0.94	-42.81	
4,061.0	10.90	249.50	4,031.9	164.1	-321.4	-93.4	5.51	1.94	-28.06	
4,093.0	11.90	240.50	4,063.3	161.4	-327.1	-89.6	6.37	3.13	-28.13	
4,124.0	13.90	233.80	4,093.5	157.6	-332.8	-84.7	8.05	6.45	-21.61	
4,156.0	16.00	227.90	4,124.4	152.4	-339.2	-78.3	8.10	6.56	-18.44	
4,187.0	18.70	223.60	4,154.0	145.9	-345.8	-70.6	9.64	8.71	-13.87	
4,218.0	21.00	218.60	4,183.2	138.0	-352.7	-61.4	9.22	7.42	-16.13	
4,249.0	22.70	212.30	4,212.0	128.6	-359.4	-50.8	9.34	5.48	-20.32	
4,281.0	24.70	207.60	4,241.3	117.4	-365.8	-38.5	8.59	6.25	-14.69	
4,312.0	26.80	203.80	4,269.2	105.3	-371.6	-25.5	8.61	6.77	-12.26	
4,344.0	29.00	200.40	4,297.5	91.4	-377.2	-10.7	8.48	6.88	-10.63	
4,376.0	30.70	196.30	4,325.2	76.3	-382.2	5.1	8.30	5.31	-12.81	
4,407.0	32.80	193.10	4,351.6	60.5	-386.3	21.4	8.68	6.77	-10.32	
4,439.0	34.80	191.00	4,378.2	43.1	-390.0	39.2	7.24	6.25	-6.56	
4,470.0	36.30	189.30	4,403.4	25.4	-393.2	57.2	5.79	4.84	-5.48	
4,502.0	38.00	187.60	4,428.9	6.3	-396.1	76.5	6.21	5.31	-5.31	
4,533.0	40.90	186.60	4,452.8	-13.3	-398.5	96.1	9.58	9.35	-3.23	
4,564.0	43.90	186.40	4,475.7	-34.1	-400.8	116.9	9.69	9.68	-0.65	
4,596.0	47.20	185.60	4,498.1	-56.8	-403.2	139.6	10.47	10.31	-2.50	
4,627.0	50.30	185.20	4,518.6	-80.0	-405.4	162.8	10.05	10.00	-1.29	

Survey Report

Company:	Sandridge Energy	Local Co-ordinate Reference:	Well Jones Trust 3408 2-28H 1L
Project:	Harper County (NAD-27)	TVD Reference:	KB @ 1295.0usft
Site:	Sec 28-T34S-R08W	MD Reference:	KB @ 1295.0usft
Well:	Jones Trust 3408 2-28H 1L	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,658.0	53.40	184.60	4,537.7	-104.3	-407.5	187.0	10.12	10.00	-1.94
4,690.0	56.40	183.70	4,556.1	-130.4	-409.4	212.9	9.65	9.38	-2.81
4,721.0	59.00	182.80	4,572.7	-156.5	-410.9	238.8	8.74	8.39	-2.90
4,753.0	61.30	183.30	4,588.6	-184.2	-412.3	266.2	7.31	7.19	1.56
4,784.0	63.60	183.00	4,603.0	-211.7	-413.9	293.4	7.47	7.42	-0.97
4,816.0	66.00	182.90	4,616.6	-240.6	-415.3	321.9	7.51	7.50	-0.31
4,847.0	68.60	182.80	4,628.5	-269.2	-416.8	350.2	8.39	8.39	-0.32
4,879.0	71.50	182.80	4,639.5	-299.2	-418.2	379.9	9.06	9.06	0.00
4,910.0	74.00	182.10	4,648.6	-328.8	-419.5	409.0	8.35	8.06	-2.26
4,942.0	77.10	181.50	4,656.6	-359.7	-420.5	439.5	9.86	9.69	-1.88
4,974.0	79.20	180.80	4,663.2	-391.1	-421.1	470.3	6.90	6.56	-2.19
5,006.0	80.60	180.60	4,668.8	-422.6	-421.5	501.2	4.42	4.38	-0.63
5,037.0	82.20	180.50	4,673.4	-453.2	-421.8	531.2	5.17	5.16	-0.32
5,069.0	84.40	180.20	4,677.2	-485.0	-422.0	562.3	6.94	6.88	-0.94
5,101.0	85.70	179.30	4,679.9	-516.9	-421.8	593.5	4.94	4.06	-2.81
5,132.0	86.00	179.40	4,682.2	-547.8	-421.5	623.6	1.02	0.97	0.32
5,163.0	86.10	178.50	4,684.3	-578.7	-420.9	653.8	2.91	0.32	-2.90
5,194.0	86.00	178.60	4,686.5	-609.6	-420.1	683.8	0.46	-0.32	0.32
5,226.0	86.20	179.00	4,688.6	-641.5	-419.5	714.9	1.39	0.63	1.25
5,257.0	86.20	179.20	4,690.7	-672.5	-419.0	745.1	0.64	0.00	0.65
5,289.0	86.20	179.40	4,692.8	-704.4	-418.6	776.2	0.62	0.00	0.63
5,320.0	86.50	179.40	4,694.8	-735.3	-418.3	806.4	0.97	0.97	0.00
5,351.0	86.70	179.00	4,696.6	-766.3	-417.8	836.6	1.44	0.65	-1.29
5,383.0	86.80	178.50	4,698.4	-798.2	-417.1	867.7	1.59	0.31	-1.56
5,414.0	87.10	178.40	4,700.1	-829.2	-416.3	897.7	1.02	0.97	-0.32
5,446.0	87.40	179.10	4,701.6	-861.1	-415.6	928.9	2.38	0.94	2.19
5,578.0	88.40	180.70	4,706.5	-993.0	-415.4	1,057.8	1.43	0.76	1.21
5,669.0	90.50	186.00	4,707.3	-1,083.8	-420.7	1,147.7	6.26	2.31	5.82
5,761.0	91.90	192.10	4,705.4	-1,174.6	-435.2	1,239.5	6.80	1.52	6.63
5,852.0	91.70	196.80	4,702.5	-1,262.7	-457.8	1,330.4	5.17	-0.22	5.16
5,942.0	89.60	200.40	4,701.5	-1,347.9	-486.5	1,419.8	4.63	-2.33	4.00
6,034.0	89.60	203.50	4,702.2	-1,433.3	-520.9	1,510.4	3.37	0.00	3.37
6,126.0	89.70	206.80	4,702.7	-1,516.5	-560.0	1,600.0	3.59	0.11	3.59
6,218.0	89.70	208.80	4,703.2	-1,597.9	-602.9	1,688.5	2.17	0.00	2.17
6,308.0	89.50	210.40	4,703.8	-1,676.1	-647.4	1,774.3	1.79	-0.22	1.78
6,400.0	89.20	209.80	4,704.9	-1,755.7	-693.5	1,861.8	0.73	-0.33	-0.65
6,491.0	89.00	210.10	4,706.3	-1,834.6	-738.9	1,948.3	0.40	-0.22	0.33
6,582.0	89.20	210.90	4,707.7	-1,913.0	-785.1	2,034.7	0.91	0.22	0.88
6,673.0	90.20	211.60	4,708.2	-1,990.8	-832.3	2,120.6	1.34	1.10	0.77
6,764.0	90.70	206.30	4,707.5	-2,070.4	-876.4	2,207.6	5.85	0.55	-5.82
6,855.0	92.80	202.10	4,704.7	-2,153.3	-913.6	2,296.5	5.16	2.31	-4.62
6,947.0	91.60	197.70	4,701.2	-2,239.7	-944.9	2,387.5	4.95	-1.30	-4.78
7,041.0	90.80	193.90	4,699.2	-2,330.1	-970.5	2,481.3	4.13	-0.85	-4.04

Survey Report

Company:	Sandridge Energy	Local Co-ordinate Reference:	Well Jones Trust 3408 2-28H 1L
Project:	Harper County (NAD-27)	TVD Reference:	KB @ 1295.0usft
Site:	Sec 28-T34S-R08W	MD Reference:	KB @ 1295.0usft
Well:	Jones Trust 3408 2-28H 1L	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,136.0	90.10	191.00	4,698.5	-2,422.9	-991.0	2,576.3	3.14	-0.74	-3.05	
7,231.0	90.00	186.30	4,698.4	-2,516.8	-1,005.3	2,671.1	4.95	-0.11	-4.95	
7,325.0	89.70	180.90	4,698.6	-2,610.6	-1,011.2	2,764.0	5.75	-0.32	-5.74	
7,419.0	90.40	180.90	4,698.6	-2,704.5	-1,012.6	2,856.3	0.74	0.74	0.00	
7,514.0	90.40	179.10	4,697.9	-2,799.5	-1,012.6	2,949.2	1.89	0.00	-1.89	
7,609.0	90.80	179.20	4,696.9	-2,894.5	-1,011.2	3,041.8	0.43	0.42	0.11	
7,704.0	90.30	179.10	4,696.0	-2,989.5	-1,009.8	3,134.4	0.54	-0.53	-0.11	
7,798.0	87.70	179.50	4,697.6	-3,083.5	-1,008.7	3,226.0	2.80	-2.77	0.43	
7,892.0	87.90	180.10	4,701.2	-3,177.4	-1,008.3	3,317.8	0.67	0.21	0.64	
7,986.0	87.90	179.70	4,704.7	-3,271.3	-1,008.2	3,409.7	0.43	0.00	-0.43	
8,081.0	88.80	179.30	4,707.4	-3,366.3	-1,007.3	3,502.4	1.04	0.95	-0.42	
8,175.0	89.40	179.30	4,708.9	-3,460.3	-1,006.2	3,594.0	0.64	0.64	0.00	
8,270.0	89.50	178.80	4,709.8	-3,555.3	-1,004.6	3,686.6	0.54	0.11	-0.53	
8,365.0	90.30	178.80	4,710.0	-3,650.2	-1,002.6	3,779.1	0.84	0.84	0.00	
8,460.0	91.20	179.00	4,708.7	-3,745.2	-1,000.8	3,871.6	0.97	0.95	0.21	
8,554.0	90.30	180.50	4,707.5	-3,839.2	-1,000.4	3,963.4	1.86	-0.96	1.60	
8,649.0	90.90	180.40	4,706.5	-3,934.2	-1,001.1	4,056.5	0.64	0.63	-0.11	
8,743.0	91.80	179.80	4,704.3	-4,028.2	-1,001.3	4,148.4	1.15	0.96	-0.64	
8,838.0	90.90	181.10	4,702.0	-4,123.1	-1,002.1	4,241.5	1.66	-0.95	1.37	
8,932.0	90.00	180.50	4,701.3	-4,217.1	-1,003.4	4,333.6	1.15	-0.96	-0.64	
9,026.0	87.10	180.90	4,703.7	-4,311.1	-1,004.5	4,425.8	3.11	-3.09	0.43	
9,120.0	87.10	180.80	4,708.4	-4,404.9	-1,005.9	4,517.9	0.11	0.00	-0.11	
9,214.0	88.10	180.90	4,712.4	-4,498.8	-1,007.3	4,610.0	1.07	1.06	0.11	
9,308.0	89.30	180.70	4,714.5	-4,592.8	-1,008.6	4,702.2	1.29	1.28	-0.21	
9,385.0	89.90	180.70	4,715.0	-4,669.8	-1,009.6	4,777.7	0.78	0.78	0.00	
Last Drillright MWD Survey										
9,440.8	89.90	180.70	4,715.1	-4,725.6	-1,010.2	4,832.4	0.00	0.00	0.00	
PBHL Jones Trust 2-28H 2L										
9,445.0	89.90	180.70	4,715.2	-4,729.8	-1,010.3	4,836.5	0.00	0.00	0.00	
Projection to TD - PBHL Jones Trust 2-28H 1L										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
866.0	866.0	3.7	-0.8	First Drillright MWD Survey
9,385.0	4,715.0	-4,669.8	-1,009.6	Last Drillright MWD Survey
9,445.0	4,715.2	-4,729.8	-1,010.3	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
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SandRidge Energy
Jones Trust #3408 2-28H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well Jones Trust #3408 2-28 Surface Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 2000 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

77 Bbls (230 sacks) of 12.7 ppg Lead slurry:
Class A poz Blend Yeild 1.87
6% Gel
2% CC
¼# Floseal

32 Bbls (150 sacks) of 15.6 ppg Tail slurry
Class A Yeild 1.20
2% CC
¼ # Floseal

The top plug was then released and displaced with 54 Bbls of fresh water. The plug bumped and pressured up to 850 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



SandRidge Energy
Jones Trust #3408 2-28H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you, for the award of the provision of cementing products and services on the well Jones Trust #3408 2-28H Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3000 psi. After a successful test we began the job by pumping 30 bbls of preflush spacer. We then mixed and pumped the following cements:

60 Bbls (240 sacks) of 13.6 ppg Lead slurry:
50:50 Class A:Poz Blend - 1.4 Yield
2.0% Gel
0.4% FL-160
0.1% SA-51

21Bbls (100 sacks) of 15.6 ppg Tail slurry:
Class A - 1.18 Yield
0.8% FL-160
0.2% CD-31

The top plug was then released and displaced with 209 of fresh water. The plug bumped and pressured up to 1600 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.