



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1091741
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: _____



1091741

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> _____
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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	Warren 3317 1-26H
Doc ID	1091741

All Electric Logs Run

Boresight Depiction
Horiz
CML Impulse Shuttle Array Induction Shallow FOC Electric Log
CML Impulse Shuttle Compact Photo Density Compensated Neutron Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Warren 3317 1-26H
Doc ID	1091741

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9315-9662	4250 bbls water, 36 bbls acid, 75M lbs sd, 4286 TLTR	
5	8855-9174	4190 bbls water, 36 lbs acid, 75M lbs sd, 8699 TLTR	
5	8400-8766	4215 bbls water, 36 bbls acid, 75M lbs sd, 13059 TLTR	
5	7951-8314	4151 bbls water, 36 bbls acid, 75M lbs sd, 17368 TLTR	
5	7499-7863	4134 bbls water, 36 bbls acid, 75M lbs sd, 21638 TLTR	
5	7047-7411	4109 bbls water, 36 bbls acid, 75M lbs sd, 25874 TLTR	
5	6596-6959	4116 bbls water, 36 bbls acid, 75M lbs sd, 30118 TLTR	
5	6144-6507	4119 bbls water, 36 bbls acid, 75M lbs sd, 34290 TLTR	
5	5692-6055	4101 bbls water, 36 bbls acid, 75M lbs sd, 38467 TLTR	
5	5240-5603	4532 bbls water, 36 bbls acid, 75M lbs sd, 43057 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Warren 3317 1-26H
Doc ID	1091741

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	120	4500 PSI concrete	9	none
Surface	12.25	9.63	36	750	Halliburton Extendacem and Swiftcem Systems	420	3% Calcium Chloride, .25 lbm Poly-E-Flake
Intermediate	8.75	7	26	5621	Halliburton Econocem and Halcem Systems	250	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Liner	6.12	4.5	11.6	9786	Halliburton Econocem System	475	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 24, 2012

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

Re: ACO1
API 15-033-21654-01-00
Warren 3317 1-26H
SE/4 Sec.26-33S-17W
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



Sandridge Energy, INC.(mid-con.)

Comanche County (KS27S)

Sec. 26-T33S-R17W

Warren 3317 1-26H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

29 August, 2012

Archer



Archer Directional Drilling Services
Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Warren 3317 1-26H
Project:	Comanche County (KS27S)	TVD Reference:	WELL @ 1817.0usft (Original Well Elev)
Site:	Sec. 26-T33S-R17W	MD Reference:	WELL @ 1817.0usft (Original Well Elev)
Well:	Warren 3317 1-26H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Comanche County (KS27S), KS South		
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. 26-T33S-R17W				
Site Position:		Northing:	171,717.00 usft	Latitude:	37° 8' 11.621 N
From:	Map	Easting:	1,816,494.00 usft	Longitude:	99° 7' 46.109 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.39 °

Well	Warren 3317 1-26H					
Well Position	+N/-S	0.0 usft	Northing:	171,717.00 usft	Latitude:	37° 8' 11.621 N
	+E/-W	0.0 usft	Easting:	1,816,494.00 usft	Longitude:	99° 7' 46.109 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	1,797.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	08/05/12	5.27	65.15	51,781

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	359.43	

Survey Program	Date	08/29/12			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
224.0	750.0	Gyro (Wellbore #1)	GYD_DP_MS	Gyrodata gyro-compassing and drop	
937.0	9,786.0	Archer MWD (Wellbore #1)	MWD	MWD - Standard	

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
224.0	0.80	0.14	224.0	1.6	0.0	1.6	0.36	0.36	0.00
474.0	0.40	0.14	474.0	4.2	0.0	4.2	0.16	-0.16	0.00
750.0	0.50	0.14	750.0	6.3	0.0	6.3	0.04	0.04	0.00
937.0	0.50	258.40	937.0	7.0	-0.8	7.0	0.41	0.00	-54.41
1,393.0	0.10	270.10	1,393.0	6.6	-3.1	6.6	0.09	-0.09	2.57
1,867.0	0.40	97.80	1,867.0	6.4	-1.9	6.4	0.11	0.06	-36.35
2,343.0	0.30	78.90	2,342.9	6.4	1.0	6.4	0.03	-0.02	-3.97
2,820.0	0.60	68.00	2,819.9	7.6	4.5	7.5	0.07	0.06	-2.29
3,297.0	0.40	96.60	3,296.9	8.3	8.5	8.2	0.07	-0.04	6.00



Archer Directional Drilling Services

Survey Report



Company: Sandridge Energy, INC.(mid-con.)
Project: Comanche County (KS27S)
Site: Sec. 26-T33S-R17W
Well: Warren 3317 1-26H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Warren 3317 1-26H
TVD Reference: WELL @ 1817.0usft (Original Well Elev)
MD Reference: WELL @ 1817.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
3,773.0	0.50	72.80	3,772.9	8.7	12.1	8.6	0.04	0.02	-5.00
3,869.0	0.60	21.30	3,868.9	9.3	12.7	9.2	0.51	0.10	-53.65
3,964.0	0.50	34.50	3,963.9	10.1	13.1	10.0	0.17	-0.11	13.89
4,059.0	0.60	48.10	4,058.9	10.8	13.7	10.7	0.17	0.11	14.32
4,091.0	0.60	54.60	4,090.9	11.0	14.0	10.9	0.21	0.00	20.31
4,122.0	0.70	32.70	4,121.9	11.3	14.2	11.1	0.86	0.32	-70.65
4,154.0	0.70	27.20	4,153.9	11.6	14.4	11.5	0.21	0.00	-17.19
4,186.0	1.90	358.30	4,185.9	12.3	14.5	12.2	4.16	3.75	-90.31
4,218.0	4.00	355.70	4,217.8	14.0	14.4	13.8	6.57	6.56	-8.13
4,249.0	6.30	352.20	4,248.7	16.7	14.1	16.6	7.48	7.42	-11.29
4,281.0	8.70	354.30	4,280.4	20.9	13.6	20.7	7.55	7.50	6.56
4,313.0	10.20	355.70	4,312.0	26.1	13.1	26.0	4.74	4.69	4.38
4,345.0	11.30	353.20	4,343.4	32.0	12.6	31.9	3.73	3.44	-7.81
4,377.0	13.50	354.80	4,374.7	38.9	11.8	38.8	6.96	6.88	5.00
4,408.0	16.10	358.70	4,404.6	46.8	11.4	46.7	8.98	8.39	12.58
4,440.0	18.20	1.30	4,435.2	56.2	11.4	56.1	6.98	6.56	8.13
4,472.0	20.20	359.90	4,465.4	66.7	11.5	66.6	6.41	6.25	-4.38
4,504.0	22.40	358.50	4,495.3	78.4	11.4	78.2	7.06	6.88	-4.38
4,536.0	24.20	357.10	4,524.6	91.0	10.9	90.9	5.88	5.63	-4.38
4,567.0	25.30	355.90	4,552.8	104.0	10.1	103.8	3.90	3.55	-3.87
4,599.0	27.20	355.40	4,581.5	118.1	9.0	118.0	5.98	5.94	-1.56
4,631.0	29.80	356.70	4,609.6	133.3	8.0	133.2	8.35	8.13	4.06
4,663.0	31.50	357.50	4,637.1	149.6	7.1	149.5	5.46	5.31	2.50
4,694.0	33.40	358.20	4,663.3	166.2	6.5	166.1	6.25	6.13	2.26
4,726.0	35.90	357.70	4,689.6	184.4	5.9	184.3	7.86	7.81	-1.56
4,758.0	38.30	357.60	4,715.1	203.7	5.1	203.6	7.50	7.50	-0.31
4,790.0	40.40	357.30	4,739.9	223.9	4.2	223.9	6.59	6.56	-0.94
4,821.0	42.60	357.70	4,763.1	244.5	3.3	244.4	7.15	7.10	1.29
4,853.0	45.10	358.60	4,786.2	266.6	2.6	266.6	8.05	7.81	2.81
4,885.0	47.10	359.20	4,808.4	289.7	2.1	289.6	6.39	6.25	1.88
4,916.0	47.70	358.80	4,829.4	312.5	1.7	312.5	2.16	1.94	-1.29
4,948.0	47.30	359.00	4,851.0	336.1	1.3	336.0	1.33	-1.25	0.63
4,979.0	47.30	358.50	4,872.0	358.8	0.8	358.8	1.19	0.00	-1.61
5,011.0	48.60	358.80	4,893.4	382.6	0.2	382.6	4.12	4.06	0.94
5,043.0	49.10	358.60	4,914.5	406.7	-0.3	406.7	1.63	1.56	-0.63
5,075.0	49.00	359.00	4,935.5	430.9	-0.8	430.8	0.99	-0.31	1.25
5,107.0	50.00	359.90	4,956.2	455.2	-1.1	455.2	3.79	3.13	2.81
5,138.0	50.60	359.20	4,976.0	479.0	-1.3	479.0	2.60	1.94	-2.26
5,170.0	52.50	358.10	4,995.9	504.1	-1.9	504.1	6.52	5.94	-3.44
5,202.0	55.30	357.20	5,014.8	529.9	-2.9	529.9	9.04	8.75	-2.81
5,234.0	57.60	357.10	5,032.5	556.6	-4.2	556.6	7.19	7.19	-0.31
5,266.0	60.80	357.00	5,048.9	584.0	-5.7	584.0	10.00	10.00	-0.31
5,297.0	64.20	357.10	5,063.2	611.5	-7.1	611.5	10.97	10.97	0.32



Archer Directional Drilling Services

Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Warren 3317 1-26H
Project:	Comanche County (KS27S)	TVD Reference:	WELL @ 1817.0usft (Original Well Elev)
Site:	Sec. 26-T33S-R17W	MD Reference:	WELL @ 1817.0usft (Original Well Elev)
Well:	Warren 3317 1-26H	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)	
5,329.0	68.40	357.40	5,076.0	640.7	-8.5	640.8	13.15	13.13	0.94	
5,361.0	71.60	357.50	5,087.0	670.8	-9.8	670.8	10.00	10.00	0.31	
5,393.0	72.50	358.30	5,096.8	701.2	-10.9	701.3	3.68	2.81	2.50	
5,424.0	74.50	359.40	5,105.6	730.9	-11.5	731.0	7.29	6.45	3.55	
5,456.0	78.00	0.70	5,113.2	762.0	-11.5	762.0	11.63	10.94	4.06	
5,487.0	80.30	2.20	5,119.1	792.4	-10.7	792.5	8.81	7.42	4.84	
5,519.0	83.20	2.40	5,123.7	824.0	-9.5	824.1	9.08	9.06	0.63	
5,551.0	87.00	3.50	5,126.4	855.9	-7.8	855.9	12.36	11.88	3.44	
5,583.0	90.70	3.70	5,127.0	887.8	-5.8	887.8	11.58	11.56	0.63	
5,600.0	92.70	4.50	5,126.5	904.8	-4.6	904.8	12.67	11.76	4.71	
5,626.0	93.10	4.80	5,125.2	930.6	-2.5	930.6	1.92	1.54	1.15	
5,656.0	93.80	4.60	5,123.4	960.5	0.0	960.4	2.43	2.33	-0.67	
5,687.0	93.50	4.00	5,121.4	991.3	2.3	991.3	2.16	-0.97	-1.94	
5,718.0	91.40	1.40	5,120.1	1,022.3	3.7	1,022.2	10.77	-6.77	-8.39	
5,749.0	89.70	358.90	5,119.8	1,053.3	3.8	1,053.2	9.75	-5.48	-8.06	
5,780.0	89.90	0.30	5,119.9	1,084.3	3.6	1,084.2	4.56	0.65	4.52	
5,810.0	90.90	0.40	5,119.7	1,114.3	3.8	1,114.2	3.35	3.33	0.33	
5,841.0	91.30	0.90	5,119.1	1,145.2	4.1	1,145.1	2.07	1.29	1.61	
5,872.0	91.60	1.30	5,118.3	1,176.2	4.7	1,176.1	1.61	0.97	1.29	
5,903.0	91.70	1.30	5,117.5	1,207.2	5.4	1,207.1	0.32	0.32	0.00	
5,933.0	92.20	0.60	5,116.4	1,237.2	5.9	1,237.1	2.87	1.67	-2.33	
5,964.0	92.80	1.20	5,115.1	1,268.2	6.4	1,268.0	2.74	1.94	1.94	
5,995.0	91.20	358.70	5,114.0	1,299.1	6.4	1,299.0	9.57	-5.16	-8.06	
6,026.0	88.00	355.70	5,114.2	1,330.1	4.9	1,330.0	14.15	-10.32	-9.68	
6,057.0	88.40	355.90	5,115.2	1,361.0	2.6	1,360.9	1.44	1.29	0.65	
6,087.0	88.30	355.60	5,116.1	1,390.9	0.4	1,390.8	1.05	-0.33	-1.00	
6,118.0	90.20	355.40	5,116.5	1,421.8	-2.0	1,421.7	6.16	6.13	-0.65	
6,149.0	92.80	355.30	5,115.6	1,452.7	-4.5	1,452.6	8.39	8.39	-0.32	
6,180.0	94.40	355.20	5,113.7	1,483.5	-7.1	1,483.5	5.17	5.16	-0.32	
6,210.0	94.80	355.10	5,111.3	1,513.3	-9.6	1,513.3	1.37	1.33	-0.33	
6,241.0	95.30	355.80	5,108.6	1,544.1	-12.1	1,544.1	2.77	1.61	2.26	
6,272.0	94.50	357.20	5,105.9	1,574.9	-14.0	1,575.0	5.19	-2.58	4.52	
6,303.0	93.30	358.00	5,103.8	1,605.8	-15.3	1,605.9	4.65	-3.87	2.58	
6,334.0	93.30	357.80	5,102.0	1,636.7	-16.4	1,636.8	0.64	0.00	-0.65	
6,364.0	93.50	357.90	5,100.2	1,666.7	-17.5	1,666.8	0.75	0.67	0.33	
6,395.0	93.80	358.20	5,098.3	1,697.6	-18.6	1,697.7	1.37	0.97	0.97	
6,426.0	92.80	358.30	5,096.5	1,728.5	-19.5	1,728.6	3.24	-3.23	0.32	
6,457.0	92.60	358.00	5,095.0	1,759.5	-20.5	1,759.6	1.16	-0.65	-0.97	
6,488.0	90.00	358.00	5,094.3	1,790.4	-21.6	1,790.6	8.39	-8.39	0.00	
6,518.0	90.60	358.30	5,094.2	1,820.4	-22.6	1,820.6	2.24	2.00	1.00	
6,580.0	93.40	0.20	5,092.0	1,882.4	-23.4	1,882.5	5.46	4.52	3.06	
6,611.0	93.40	359.90	5,090.2	1,913.3	-23.4	1,913.5	0.97	0.00	-0.97	
6,641.0	92.80	359.20	5,088.5	1,943.3	-23.6	1,943.4	3.07	-2.00	-2.33	



Archer Directional Drilling Services

Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Warren 3317 1-26H
Project:	Comanche County (KS27S)	TVD Reference:	WELL @ 1817.0usft (Original Well Elev)
Site:	Sec. 26-T33S-R17W	MD Reference:	WELL @ 1817.0usft (Original Well Elev)
Well:	Warren 3317 1-26H	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)	
6,672.0	92.70	358.80	5,087.1	1,974.2	-24.1	1,974.4	1.33	-0.32	-1.29	
6,768.0	93.30	358.60	5,082.0	2,070.1	-26.3	2,070.2	0.66	0.63	-0.21	
6,832.0	92.00	358.40	5,079.1	2,134.0	-28.0	2,134.2	2.06	-2.03	-0.31	
6,895.0	90.80	358.30	5,077.5	2,196.9	-29.8	2,197.1	1.91	-1.90	-0.16	
6,959.0	90.80	358.00	5,076.6	2,260.9	-31.9	2,261.1	0.47	0.00	-0.47	
7,023.0	89.10	357.90	5,076.7	2,324.9	-34.2	2,325.1	2.66	-2.66	-0.16	
7,055.0	88.90	357.90	5,077.3	2,356.8	-35.3	2,357.1	0.63	-0.63	0.00	
7,087.0	89.50	357.70	5,077.7	2,388.8	-36.6	2,389.0	1.98	1.88	-0.63	
7,150.0	89.30	357.50	5,078.4	2,451.7	-39.2	2,452.0	0.45	-0.32	-0.32	
7,214.0	89.50	357.90	5,079.0	2,515.7	-41.8	2,516.0	0.70	0.31	0.63	
7,246.0	89.80	357.80	5,079.2	2,547.7	-43.0	2,548.0	0.99	0.94	-0.31	
7,278.0	90.00	358.50	5,079.3	2,579.6	-44.0	2,580.0	2.28	0.63	2.19	
7,342.0	89.40	359.70	5,079.6	2,643.6	-45.0	2,644.0	2.10	-0.94	1.88	
7,437.0	90.10	359.70	5,080.0	2,738.6	-45.5	2,739.0	0.74	0.74	0.00	
7,533.0	90.40	359.30	5,079.6	2,834.6	-46.3	2,835.0	0.52	0.31	-0.42	
7,628.0	91.10	359.80	5,078.4	2,929.6	-47.1	2,929.9	0.91	0.74	0.53	
7,724.0	91.30	359.90	5,076.4	3,025.6	-47.3	3,025.9	0.23	0.21	0.10	
7,820.0	91.50	359.90	5,074.0	3,121.6	-47.5	3,121.9	0.21	0.21	0.00	
7,915.0	91.20	359.20	5,071.8	3,216.5	-48.2	3,216.9	0.80	-0.32	-0.74	
8,011.0	91.30	359.20	5,069.7	3,312.5	-49.6	3,312.8	0.10	0.10	0.00	
8,107.0	90.70	0.80	5,068.0	3,408.5	-49.6	3,408.8	1.78	-0.63	1.67	
8,202.0	91.80	1.80	5,065.9	3,503.4	-47.4	3,503.7	1.56	1.16	1.05	
8,298.0	90.30	358.80	5,064.2	3,599.4	-46.9	3,599.7	3.49	-1.56	-3.13	
8,394.0	91.10	358.40	5,063.0	3,695.4	-49.3	3,695.7	0.93	0.83	-0.42	
8,489.0	89.80	357.70	5,062.3	3,790.3	-52.5	3,790.6	1.55	-1.37	-0.74	
8,553.0	90.40	358.50	5,062.1	3,854.3	-54.6	3,854.6	1.56	0.94	1.25	
8,585.0	90.10	358.50	5,062.0	3,886.3	-55.5	3,886.6	0.94	-0.94	0.00	
8,681.0	91.90	359.40	5,060.3	3,982.2	-57.2	3,982.6	2.10	1.88	0.94	
8,776.0	88.70	357.70	5,059.8	4,077.2	-59.6	4,077.6	3.81	-3.37	-1.79	
8,872.0	87.10	355.80	5,063.3	4,173.0	-65.1	4,173.4	2.59	-1.67	-1.98	
8,968.0	89.00	358.00	5,066.6	4,268.7	-70.3	4,269.2	3.03	1.98	2.29	
9,064.0	91.10	355.10	5,066.5	4,364.6	-76.0	4,365.1	3.73	2.19	-3.02	
9,159.0	91.10	354.70	5,064.7	4,459.2	-84.5	4,459.8	0.42	0.00	-0.42	
9,255.0	91.40	354.30	5,062.6	4,554.7	-93.7	4,555.4	0.52	0.31	-0.42	
9,351.0	91.60	354.00	5,060.1	4,650.2	-103.5	4,651.0	0.38	0.21	-0.31	
9,446.0	91.10	353.90	5,057.9	4,744.6	-113.5	4,745.5	0.54	-0.53	-0.11	
9,542.0	91.50	353.40	5,055.7	4,840.0	-124.1	4,841.0	0.67	0.42	-0.52	
9,638.0	92.20	353.40	5,052.6	4,935.3	-135.1	4,936.4	0.73	0.73	0.00	
9,733.0	92.70	353.20	5,048.5	5,029.6	-146.2	5,030.8	0.57	0.53	-0.21	
Last Survey										
9,775.8	92.70	353.20	5,046.5	5,072.0	-151.2	5,073.2	0.00	0.00	0.00	
Warren 3317 1-26H PBHL										
9,786.0	92.70	353.20	5,046.0	5,082.1	-152.4	5,083.4	0.00	0.00	0.00	
Projection to TD										



Archer Directional Drilling Services

Survey Report



Company:	Sandridge Energy, INC.(mid-con.)	Local Co-ordinate Reference:	Well Warren 3317 1-26H
Project:	Comanche County (KS27S)	TVD Reference:	WELL @ 1817.0usft (Original Well Elev)
Site:	Sec. 26-T33S-R17W	MD Reference:	WELL @ 1817.0usft (Original Well Elev)
Well:	Warren 3317 1-26H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
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Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
750.0	750.0	6.3	0.0	
9,733.0	5,048.5	5,029.6	-146.2	Last Survey
9,786.0	5,046.0	5,082.1	-152.4	Projection to TD

Checked By: _____ Approved By: _____ Date: _____



*****Conductor, Rat and Mouse Hole Drilling Services*****

Ticket

Company:

Date: 8/4/2012

Sandridge

Drill Rig: Lariate 19	Location: Madison County	Lease Name: Warren 3317 #1-26H	DC 11668
120' of 30" Drilled Conductor Hole 120' of 20" Conductor Pipe(.250 wall) 82ppf 6'x6' Cellar Tinhorn W/Protective Ring Drill & Install cellar 75' of 20" Drilled Moushole 75' of 16" Moushole Pipe Mobilization of Equipment & Road Permitting Fee Welding Services for Pipe & Lids Provided Equipment & Labor for Dirt Removal Provided Personal to Facilitate Diggtess(One Call) Provide Metal for Lids(1.for the Conductor and 2 for the Mouse hole pipe) 9 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe		AFE Number: <u>DC 11668</u> Well Name: <u>Warren 3317 1-26H</u> Code: <u>850.010</u> Amount: <u>28,680.00</u> Co. Man: <u>[Signature]</u> Cp. Man Sig.: <u>[Signature]</u> Notes: _____	
Comments:) Thank You For Your Business If a caving formation and (or) water is found addition fee(s) will be add to cover the cost of tank trucks, vacuum trucks, and cement pump trucks. Prices figured on non-rocky soil-conditions, if rock is present then there will be a surcharge.		Total \$28,680.00	

2.0 CEMENTING JOB SUMMARY

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2944767		Quote #:		Sales Order #: 9734626							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Towery, Mark									
Well Name: Warren 3317			Well #: 1-26H		API/UWI #: 15-033-21654								
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 26 Township 33S Range 17W													
Contractor: LARIAT				Rig/Platform Name/Num: 19									
Job Purpose: Cement Surface Casing													
Well Type: Development Well				Job Type: Cement Surface Casing									
Sales Person: NGUYEN, VINH			Srcv Supervisor: AGUILERA, FABIAN		MBU ID Emp #: 442123								
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
AGUILERA, FABIAN J	12.5	442123	HEIDT, JAMES Nicholas	12.5	517102	JOHNSON, MATTHEW Warren	12.5	525955					
JOURNAGAN, MICHAEL D	12.5	524224	RAMIREZ, JORGE M.	12.5	498481								
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
8/10/2012	12	1	8/11/2012	.5									
TOTAL				<i>Total is the sum of each column separately</i>									
Job				Job Times									
Formation Name				Date		Time		Time Zone					
Formation Depth (MD)	Top	Bottom		Called Out		10 - Aug - 2012		06:00 CST					
Form Type	BHST			On Location		10 - Aug - 2012		11:00 CST					
Job depth MD	760. ft		Job Depth TVD	760. ft		Job Started		10 - Aug - 2012 21:20 CST					
Water Depth	Wk Ht Above Floor			5. ft		Job Completed		10 - Aug - 2012 22:20 CST					
Perforation Depth (MD)	From	To		Departed Loc		11 - Aug - 2012		00:00 CST					
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
12.25" Open Hole				12.25					750.				
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		750.				
Sales/Rental/3rd Party (HES)													
Description						Qty	Qty uom	Depth	Supplier				
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA						1	EA						
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
Fluid Data													
Stage/Plug #: 1													

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	245.0	sacks	12.4	2.12	11.68		11.68
	3 %	CALCIUM CHLORIDE, PELLETT, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	175.0	sacks	15.6	1.19	5.3		5.3
	1 %	CALCIUM CHLORIDE, PELLETT, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.302 Gal	FRESH WATER							
4	Displacement		55.00	bbl	8.33	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement	55 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	129 BBL	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	55 BBL	Actual Displacement	55 BBL	Treatment	
Frac Gradient		15 Min		Spacers	10 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	3	Mixing	5	Displacement	5	Avg. Job	4		
Cement Left In Pipe	Amount	42 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					

2.0 CEMENTING JOB SUMMARY

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2944767		Quote #:		Sales Order #: 9750601							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Mills, Tim									
Well Name: Warren 3317		Well #: 1-26H		API/UWI #: 15-033-21654									
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 26 Township 33S Range 17W													
Contractor: LARIAT				Rig/Platform Name/Num: 19									
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well				Job Type: Cement Intermediate Casing									
Sales Person: NGUYEN, VINH		Srvc Supervisor: JIMENEZ, JESUS		MBU ID Emp #: 221813									
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
BERUMEN, EDUARDO	12.5	267804	JIMENEZ, JESUS Medrano	12.5	221813	JOHNSON, MATT	12.5	525955					
WIFA, HENRY Neniebari	12.5	491916											
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
8-17-2012	12.5	3											
TOTAL		Total is the sum of each column separately											
Job				Job Times									
Formation Name				Date		Time		Time Zone					
Formation Depth (MD) Top		Bottom		Called Out		16 - Aug - 2012		23:00 CST					
Form Type		BHST		On Location		17 - Aug - 2012		05:30 CST					
Job depth MD		5532. ft		Job Started		17 - Aug - 2012		14:00 CST					
Water Depth		Wk Ht Above Floor		Job Completed		17 - Aug - 2012		16:00 CST					
Perforation Depth (MD) From		To		Departed Loc		17 - Aug - 2012		17:30 CST					
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
8.75" Open Hole				8.75				750.	5532.				
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5532.				
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	750.				
Sales/Rental/3 rd Party (HES)													
Description						Qty	Qty uom	Depth	Supplier				
PLUG,CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS						1	EA						
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug		1	
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													

Summit Version: 7.3.0039

Friday, August 17, 2012 16:26:00

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	4	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	150.0	sacks	13.6	1.54	7.36	4	7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.18	5.2	4	5.2
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.197 Gal	FRESH WATER							
4	Displacement		212.00	bbl	8.33	.0	.0	6	
Calculated Values		Pressures			Volumes				
Displacement	212	Shut In: Instant		Lost Returns	0	Cement Slurry	62	Pad	
Top Of Cement	2321	5 Min		Cement Returns	0	Actual Displacement	212	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	4	Displacement	6	Avg. Job			4
Cement Left In Pipe	Amount	42 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					

2.0 CEMENTING JOB SUMMARY

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2944767		Quote #:		Sales Order #: 9763684							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Mills, Tim									
Well Name: Warren 3317			Well #: 1-26H			API/UWI #: 15-033-21654							
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 26 Township 33S Range 17W													
Contractor: Lariat				Rig/Platform Name/Num: 19									
Job Purpose: Cement Production Liner													
Well Type: Development Well				Job Type: Cement Production Liner									
Sales Person: NGUYEN, VINH				Srcv Supervisor: VILLARREAL, ARTURO			MBU ID Emp #: 106127						
Job Personnel													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #		
CLEAMS, ANTHONY		10	198516	DALRYMPLE, BRIAN Kieth		10	456242	JARNEGEN, MICHAEL		10	524224		
NASH, jonathan		10	524600	VILLARREAL, ARTURO		10	106127						
Equipment													
HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way			
Job Hours													
Date	On Location Hours		Operating Hours	Date	On Location Hours		Operating Hours	Date	On Location Hours		Operating Hours		
8-24-12	10		2										
TOTAL	Total is the sum of each column separately												
Job						Job Times							
Formation Name							Date		Time	Time Zone			
Formation Depth (MD) Top			Bottom			Called Out							
Form Type			BHST			On Location							
Job depth MD			9795. ft	Job Depth TVD		5052. ft	Job Started						
Water Depth			Wk Ht Above Floor			Job Completed	09 - Aug - 2012	02:00	GMT				
Perforation Depth (MD) From			To			Departed Loc							
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
6.125" Open Hole				6.125				5532.	9795.				
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5125.	9795.				
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5532.				
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5197.				
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	

HALLIBURTON

Cementing Job Summary

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.5	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	475.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Displacement/TB C		101.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	101	Shut In: Instant		Lost Returns	N	Cement Slurry	130	Pad	
Top Of Cement	5149.22	5 Min		Cement Returns		Actual Displacement	101	Treatment	
Frac Gradient		15 Min		Spacers	130	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	4	Avg. Job	3		
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					

Section 23
33S 17W

Section 24
33S 17W

BHL: 9786'
-99.130496 37.150543
311' FNL
735' FEL

Bottom Perf: 9315'
-99.130318 37.149358

Section 26
33S 17W

Section 25
33S 17W

Top Perf: 5240'
-99.129883 37.138117

WARREN 3317 2-26H



Miss Entry: 5020'
-99.129864 37.13764

WARREN 3317 1-26H

SCHANTZ 3317 1-35H



Section 35
33S 17W

Section 36
33S 17W



Actual Bottom-Hole Location of Warren 3317 1-26H
Comanche County, Kansas
T&R: 33S 17W
Section: 26, 735' FEL & 311' FNL
Long/Lat: -99.130496 37.150543
1 in = 833 ft

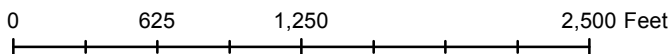


● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 11/12/2012

Drawing Name/Number:

Addendum_Warren_1-26H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Logo

Back to Well Completion

Warren 3317 1-26H (1091741)

Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

Attachments

Two Year Confidentiality OPERATOR	View PDF Delete
Directional Survey OPERATOR	View PDF Delete
Cement Reports OPERATOR	View PDF Delete
As Drilled Plat OPERATOR	View PDF Delete

[Add Attachment](#)

Remarks

Remarks to KCC

[Add Remark](#)

Remarks

Tiffany Golay 11/21/012 01:35 pm Correction to Remark- LoJo Disposal hauled 1360bbbls not 980.
Tiffany Golay 11/21/012 01:10 pm Additional Fluid Mgmt Info: 980 bbls hauled to LoJo Disposal, Pit #1 SW/4 10-26N-15W, Woods, OK; 140bbbls hauled to West OK Disposal, Smith Estate, Well #1, SW/4 21-23N-21W, Woodward, OK; 910 bbls hauled to Gray Mud Disposal, SW/4 15-24S-7W, Garfield, OK; 910 bbls hauled to Choasland Disposal, SE/4 33-29S-37W, Grant, KS
Tiffany Golay 11/19/012 11:08 am Conductor weight= 94 lbs/ft