



KANSAS CORPORATION COMMISSION 1097037
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CONFIDENTIAL WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2: _____
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Tiffany Golay
Phone: (405) 429-6543
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: Joe Hileman
Purchaser: Atlas (gas) NCRA (oil)

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
9/20/2012 10/9/2012 10/12/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-033-21669-01-00
Spot Description: _____
SE SW SE SE Sec. 26 Twp. 33 S. R. 17 East West
200 Feet from North / South Line of Section
810 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Comanche
Lease Name: Schantz 3317 Well #: 1-35H
Field Name: _____
Producing Formation: Mississippi
Elevation: Ground: 1797 Kelly Bushing: 1817
Total Depth: 9910 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 742 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: 28000 ppm Fluid volume: 1100 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: West OK Disposal
Lease Name: Smith Estate; Well #1 License #: 99999
Quarter SW Sec. 21 Twp. 23 S. R. 21 East West
County: Woodward, OK Permit #: 35153206970000

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

Letter of Confidentiality Received
Date: 01/16/2013

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NAOMI JAMES Date: 01/16/2013

SandRidge Energy

Comanche County (KS27S)

Sec 26-T33S-R17W

Schantz 3317 1-35H

Wellbore #1

Survey: MWD Surveys

Standard Survey Report

10 October, 2012

Wolverine Directional, LLC

Survey Report

Company: SandRidge Energy	Local Co-ordinate Reference: Well Schantz 3317 135H
Project: Comanche County (KS27S)	TVD Reference: WELL @ 0.0ft (Original Well Elev)
Site: Sec 26-T33S-R17W	MD Reference: WELL @ 0.0ft (Original Well Elev)
Well: Schantz 3317 1-35H	North Reference: Grid
Wellbore: Wellbore #1	Survey Calculation Method: Minimum Curvature
Design: Wellbore #1	Database: EDM 2003.21 Single User Db

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	178.82	

Survey Program		Date 2012/10/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
768.0	9,910.0	MWD Surveys (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
768.0	0.10	249.60	768.0	-0.2	-0.6	0.2	0.01	0.01	0.00
First MWD Survey									
952.0	0.50	258.80	952.0	-0.4	-1.8	0.4	0.22	0.22	5.00
1,427.0	0.90	304.50	1,427.0	1.3	-6.7	-1.4	0.14	0.08	9.62
1,903.0	0.20	285.00	1,902.9	3.6	-10.6	-3.8	0.15	-0.15	-4.10
2,379.0	0.60	312.30	2,378.9	5.5	-13.2	-5.8	0.09	0.08	5.74
2,856.0	0.40	329.30	2,855.9	8.6	-15.9	-8.9	0.05	-0.04	3.56
3,330.0	0.60	320.90	3,329.9	12.0	-18.3	-12.3	0.04	0.04	-1.77
3,807.0	0.40	335.20	3,806.9	15.4	-20.6	-15.8	0.05	-0.04	3.00
3,902.0	0.50	274.00	3,901.9	15.7	-21.1	-16.2	0.49	0.11	-64.42
3,997.0	0.30	222.10	3,996.9	15.6	-21.7	-16.0	0.41	-0.21	-54.63
4,092.0	0.40	213.00	4,091.9	15.1	-22.1	-15.6	0.12	0.11	-9.58
4,156.0	0.50	184.10	4,155.9	14.6	-22.2	-15.1	0.38	0.16	-45.16
4,188.0	0.60	131.00	4,187.9	14.4	-22.1	-14.8	1.58	0.31	-165.94
4,220.0	1.70	169.20	4,219.9	13.8	-21.9	-14.3	4.01	3.44	119.38
4,252.0	4.30	177.30	4,251.8	12.2	-21.7	-12.6	8.21	8.13	25.31
4,283.0	6.30	180.00	4,282.7	9.3	-21.7	-9.7	6.50	6.45	8.71
4,315.0	8.30	180.40	4,314.4	5.2	-21.7	-5.7	6.25	6.25	1.25
4,347.0	10.60	178.50	4,346.0	0.0	-21.6	-0.4	7.25	7.19	-5.94
4,379.0	13.10	175.10	4,377.3	-8.6	-21.2	6.1	8.11	7.81	-10.63
4,411.0	15.50	173.80	4,408.3	-14.4	-20.5	14.0	7.57	7.50	-4.06
4,442.0	18.10	174.60	4,438.0	-23.4	-19.6	23.0	8.42	8.39	2.58
4,474.0	20.60	175.20	4,468.2	-33.9	-18.6	33.5	7.84	7.81	1.88
4,506.0	23.10	176.30	4,497.9	-45.8	-17.8	45.4	7.92	7.81	3.44
4,537.0	25.20	177.70	4,526.1	-58.5	-17.1	58.1	7.02	6.77	4.52
4,569.0	26.90	179.20	4,554.9	-72.5	-16.7	72.1	5.70	5.31	4.69
4,601.0	28.60	180.60	4,583.2	-87.4	-16.7	87.0	5.69	5.31	4.38
4,633.0	30.40	181.00	4,611.1	-103.2	-16.9	102.8	5.66	5.63	1.25
4,664.0	32.50	182.10	4,637.5	-119.3	-17.4	118.9	7.02	6.77	3.55
4,696.0	34.80	183.00	4,664.1	-137.0	-18.2	136.6	7.35	7.19	2.81
4,728.0	37.10	181.80	4,690.1	-155.8	-18.9	155.4	7.52	7.19	-3.75
4,760.0	39.30	180.40	4,715.2	-175.6	-19.3	175.2	7.39	6.88	-4.38
4,791.0	41.20	178.40	4,738.9	-195.6	-19.1	195.2	7.41	6.13	-6.45
4,823.0	43.40	177.80	4,762.5	-217.1	-18.4	216.7	6.99	6.88	-1.88
4,855.0	45.50	178.40	4,785.4	-239.5	-17.6	239.1	6.69	6.56	1.88
4,887.0	48.10	177.00	4,807.3	-262.8	-16.7	262.4	8.73	8.13	-4.38
4,918.0	49.80	176.90	4,827.6	-286.2	-15.5	285.8	5.49	5.48	-0.32
4,950.0	50.70	175.90	4,848.1	-310.7	-13.9	310.4	3.70	2.81	-3.13

Wolverine Directional, LLC Survey Report

Company: SandRidge Energy	Local Co-ordinate Reference: Well Schantz 3317 1-35H
Project: Comanche County (KS27S)	TVD Reference: WELL @ 0.0ft (Original Well Elev)
Site: Sec 26-T33S-R17W	MD Reference: WELL @ 0.0ft (Original Well Elev)
Well: Schantz 3317 1-35H	North Reference: Grid
Wellbore: Wellbore #1	Survey Calculation Method: Minimum Curvature
Deslgn: Wellbore #1	Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+W/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,982.0	50.40	175.80	4,868.4	-335.4	-12.1	335.1	0.97	-0.94	-0.31
5,014.0	50.00	176.20	4,888.9	-359.9	-10.4	359.6	1.58	-1.25	1.25
5,045.0	49.90	176.00	4,908.9	-383.6	-8.8	383.3	0.59	-0.32	-0.65
5,077.0	49.80	175.20	4,929.5	-408.0	-6.9	407.7	1.94	-0.31	-2.50
5,109.0	49.90	175.90	4,950.1	-432.4	-5.0	432.2	1.70	0.31	2.19
5,140.0	52.00	176.20	4,969.7	-456.4	-3.4	456.2	6.82	6.77	0.97
5,172.0	54.90	177.20	4,988.7	-482.0	-1.9	481.9	9.40	9.06	3.13
5,204.0	58.30	177.10	5,006.3	-508.7	-0.6	508.6	10.63	10.63	-0.31
5,236.0	61.20	178.00	5,022.4	-536.3	0.6	536.2	9.38	9.06	2.81
5,267.0	63.90	176.80	5,036.7	-563.8	1.9	563.7	9.36	8.71	-3.87
5,299.0	66.60	176.20	5,050.1	-592.8	3.7	592.8	8.61	8.44	-1.88
5,331.0	69.20	177.40	5,062.2	-622.4	5.3	622.4	8.84	8.13	3.75
5,363.0	71.80	177.50	5,072.8	-652.5	6.6	652.5	8.13	8.13	0.31
5,394.0	74.50	177.20	5,081.8	-682.2	8.0	682.2	8.76	8.71	-0.97
5,426.0	77.10	178.40	5,089.7	-713.2	9.2	713.2	8.90	8.13	3.75
5,458.0	79.50	178.70	5,096.2	-744.5	10.0	744.5	7.56	7.50	0.94
5,490.0	82.10	177.90	5,101.3	-776.1	10.9	776.1	8.49	8.13	-2.50
5,585.0	85.50	179.80	5,111.5	-870.5	12.8	870.5	4.09	3.58	2.00
5,676.0	89.10	177.90	5,115.8	-961.3	14.7	961.4	4.47	3.96	-2.09
5,768.0	89.60	177.70	5,116.9	-1,053.3	18.2	1,053.4	0.59	0.54	-0.22
5,860.0	88.30	178.60	5,118.6	-1,145.1	22.8	1,145.3	1.85	-1.41	-1.20
5,952.0	92.20	179.20	5,118.2	-1,237.0	26.1	1,237.3	5.09	4.24	2.83
6,044.0	88.20	174.50	5,117.8	-1,328.9	31.2	1,329.2	6.71	-4.35	-5.11
6,136.0	88.60	175.80	5,120.4	-1,420.5	39.0	1,421.0	1.48	0.43	1.41
6,228.0	91.80	176.60	5,120.1	-1,512.3	45.1	1,512.9	3.59	3.48	0.87
6,320.0	92.70	175.40	5,116.5	-1,604.0	51.5	1,604.7	1.63	0.98	-1.30
6,412.0	92.30	176.40	5,112.5	-1,695.6	58.0	1,696.5	1.17	-0.43	1.09
6,504.0	92.00	175.70	5,109.0	-1,787.4	64.4	1,788.3	0.83	-0.33	-0.76
6,596.0	91.80	175.80	5,106.0	-1,879.1	71.2	1,880.1	0.24	-0.22	0.11
6,688.0	91.60	175.50	5,103.2	-1,970.8	78.2	1,971.9	0.39	-0.22	-0.33
6,780.0	91.60	173.80	5,100.7	-2,062.3	86.7	2,063.7	1.85	0.00	-1.85
6,872.0	91.60	175.00	5,098.1	-2,153.8	95.7	2,155.4	1.30	0.00	1.30
6,964.0	89.80	175.40	5,097.0	-2,245.5	103.4	2,247.2	2.00	-1.96	0.43
7,060.0	89.10	177.50	5,097.9	-2,341.3	109.3	2,343.1	2.31	-0.73	2.19
7,155.0	86.70	177.00	5,101.4	-2,436.1	113.9	2,438.0	2.58	-2.53	-0.53
7,251.0	88.90	178.60	5,105.1	-2,532.0	117.6	2,533.9	2.83	2.29	1.67
7,347.0	89.30	179.20	5,106.6	-2,627.9	119.4	2,629.9	0.75	0.42	0.63
7,442.0	90.90	180.60	5,106.4	-2,722.9	119.6	2,724.8	2.24	1.68	1.47
7,538.0	89.40	179.30	5,105.1	-2,818.9	119.7	2,820.8	2.07	-1.56	-1.35
7,633.0	91.40	180.40	5,105.5	-2,913.9	119.9	2,915.8	2.40	2.11	1.16
7,729.0	90.60	179.40	5,103.8	-3,009.9	120.1	3,011.7	1.33	-0.83	-1.04
7,824.0	91.70	178.60	5,101.9	-3,104.9	121.7	3,106.7	1.43	1.16	-0.84
7,920.0	91.60	177.60	5,099.1	-3,200.8	124.9	3,202.7	1.05	-0.10	-1.04
8,015.0	91.00	178.40	5,097.0	-3,295.7	128.2	3,297.6	1.05	-0.63	0.84
8,111.0	90.50	179.90	5,095.7	-3,391.7	129.7	3,393.6	1.65	-0.52	1.56
8,207.0	90.20	181.10	5,095.1	-3,487.7	128.8	3,489.6	1.29	-0.31	1.25
8,303.0	90.60	180.60	5,094.5	-3,583.7	127.4	3,585.5	0.67	0.42	-0.52
8,398.0	91.70	183.50	5,092.6	-3,678.6	124.0	3,680.3	3.26	1.16	3.05
8,494.0	90.70	182.90	5,090.5	-3,774.4	118.7	3,776.0	1.21	-1.04	-0.63
8,589.0	89.70	181.90	5,090.2	-3,869.3	114.7	3,870.8	1.49	-1.05	-1.05
8,685.0	89.20	181.60	5,091.1	-3,965.3	111.7	3,966.7	0.61	-0.52	-0.31
8,781.0	89.10	181.80	5,092.6	-4,061.2	108.9	4,062.6	0.23	-0.10	0.21
8,877.0	88.20	180.60	5,094.8	-4,157.2	106.9	4,158.5	1.56	-0.94	-1.25
8,972.0	89.90	181.40	5,096.4	-4,252.1	105.2	4,253.4	1.98	1.79	0.84

Wolverine Directional, LLC Survey Report

Company: SandRidge Energy
Project: Comanche County (KS27S)
Site: Sec 26-T33S-R17W
Well: Schantz 3317 1-35H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Schantz 3317 1-35H
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,068.0	90.20	179.80	5,096.3	-4,348.1	104.2	4,349.3	1.70	0.31	-1.67	
9,163.0	89.10	180.00	5,096.9	-4,443.1	104.4	4,444.3	1.18	-1.16	0.21	
9,259.0	88.80	179.70	5,098.7	-4,539.1	104.6	4,540.3	0.44	-0.31	-0.31	
9,355.0	89.20	179.20	5,100.3	-4,635.1	105.6	4,636.3	0.67	0.42	-0.52	
9,450.0	89.50	179.50	5,101.4	-4,730.1	108.6	4,731.3	0.45	0.32	0.32	
9,546.0	90.10	179.80	5,101.7	-4,826.1	107.2	4,827.2	0.70	0.63	0.31	
9,642.0	90.20	179.60	5,101.5	-4,922.1	107.7	4,923.2	0.23	0.10	-0.21	
9,737.0	91.00	176.80	5,100.5	-5,017.0	110.7	5,018.2	3.07	0.84	-2.95	
9,833.0	90.90	176.60	5,098.9	-5,112.8	116.2	5,114.1	0.23	-0.10	-0.21	
9,860.0	90.80	176.50	5,098.5	-5,139.8	117.9	5,141.1	0.52	-0.37	-0.37	
Last MWD Survey										
9,909.4	90.80	176.50	5,097.8	-5,189.1	120.9	5,190.5	0.00	0.00	0.00	
Schantz 3317 1-35H PBHL										
9,910.0	90.80	176.50	5,097.8	-5,189.7	120.9	5,191.1	0.00	0.00	0.00	
Proj to TD										

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
768.0	768.0	-0.2	-0.6	First MWD Survey
9,860.0	5,098.5	-5,139.8	117.9	Last MWD Survey
9,910.0	5,097.8	-5,189.7	120.9	Proj to TD

Checked By: _____ Approved By: _____ Date: _____

Section 26
33S 17W

SCHANTZ 3317 1-35H WARREN 3317 1-26H



Section 25
33S 17W

Miss Entry: 5250'
-99.13036 37.135139
Top Perf: 5278'
-99.130355 37.135065

Section 35
33S 17W

Section 36
33S 17W

Bottom Perf: 9440'
-99.129899 37.123623

BHL: 9910'
-99.129839 37.122361

342' FSL

748' FEL

Section 2
34S 17W

Section 1
34S 17W



Actual Bottom-Hole Location of Schantz 3317 1-35H
Comanche County, Kansas
T&R: 33S 17W
Section: 35, 748' FEL & 342' FSL
Long/Lat: -99.129839 37.122361
1 in = 668 ft

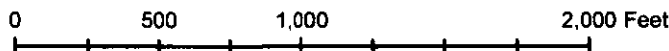


● Actual BH Location

* SandRidge Wells

--- Perf

▭ Sections



Draftsman:

Aaron Birk

Draft Date: 1/10/2013

Drawing Name/Number:

Addendum_Schantz_1-35H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502