



KANSAS CORPORATION COMMISSION 1076292
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: Kathy Gentry
Purchaser: DCP (gas) NCRA (oil)

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
 Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

3/16/2012 4/6/2012 4/9/2012

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-033-21612-01-00

Spot Description: _____

N2 N2 NW NW Sec. 2 Twp. 31 S. R. 20 East West

165 Feet from North / South Line of Section

660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Comanche

Lease Name: Amelia Grace Well #: 1-2H

Field Name: _____

Producing Formation: Mississippian

Elevation: Ground: 2164 Kelly Bushing: 2144

Total Depth: 9560 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1050 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: 2520 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: West OK Disposal

Lease Name: Dixie License #: 99999

Quarter SW Sec. 23 Twp. 22 S. R. 23 East West

County: Ellis, OK Permit #: 133191

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: 07/13/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 07/16/2012

Section 35
30S 20W

Section 36
30S 20W

AMELIA GRACE 1-2H



Miss Entry: 5329'
-99.468933 37.379378

Top Perf: 5425'
-99.468924 37.379137

Section 3
31S 20W

Section 2
31S 20W

Bottom Perf: 9163'
-99.468694 37.368989

BHL: 9560'
-99.468683 37.367910



Section 10
31S 20W

Section 11
31S 20W



Actual Bottom-Hole Location of Amelia Grace 1-2H
Comanche County, Kansas
T&R: 31S 20W
Section: 2, 860' FWL & 353' FSL
Long/Lat: -99.468683 37.367910

1 in = 833 ft

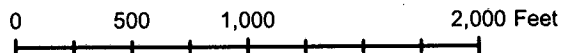


● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 7/5/2012

Drawing Name/Number:

Addendum_Amelia_Grace_1-2H.mxc

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

SandRidge Energy

Comanche County (KS27S)

Sec 2-T31S-R20W - GRID

Amelia Grace 1-2H

Wellbore #1

Survey: MWD Surveys

Standard Survey Report

10 April, 2012

Wolverine Directional, LLC Survey Report

Company:	SandRidge Energy	Local Co-ordinate Reference:	Well Amelia Grace 1-2H
Project:	Comanche County (KS27S)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 2-T31S-R20W - GRID	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	Amelia Grace 1-2H	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	180.84

Survey Program		Date 2012/04/10		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
1,140.0	9,560.0	MWD Surveys (Wellbore #1)	MWD	MWD - Standard

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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,140.0	0.30	302.90	1,140.0	1.6	-2.5	-1.6	0.03	0.03	0.00	
First MWD Survey										
1,425.0	2.40	200.40	1,424.9	-3.6	-5.2	3.6	0.87	0.74	-35.96	
1,711.0	0.80	158.40	1,710.8	-11.0	-6.6	11.1	0.66	-0.56	-14.69	
1,901.0	0.50	175.70	1,900.8	-13.1	-6.0	13.2	0.19	-0.16	9.11	
2,187.0	0.60	171.40	2,186.8	-15.8	-5.7	15.9	0.04	0.03	-1.50	
2,473.0	0.40	155.20	2,472.8	-18.2	-5.1	18.3	0.08	-0.07	-5.66	
2,759.0	0.70	139.90	2,758.7	-20.5	-3.5	20.5	0.12	0.10	-5.35	
3,045.0	0.50	122.10	3,044.7	-22.5	-1.3	22.5	0.09	-0.07	-6.22	
3,330.0	1.00	108.30	3,329.7	-23.9	2.1	23.9	0.19	0.18	-4.84	
3,616.0	0.60	79.60	3,615.7	-24.4	5.9	24.3	0.19	-0.14	-10.03	
3,901.0	0.60	75.00	3,900.7	-23.8	8.8	23.6	0.02	0.00	-1.61	
3,997.0	0.80	107.30	3,996.7	-23.8	10.0	23.7	0.45	0.21	33.66	
4,090.0	0.80	113.10	4,089.6	-24.3	11.2	24.1	0.09	0.00	6.24	
4,186.0	0.50	104.20	4,185.6	-24.6	12.2	24.5	0.33	-0.31	-9.27	
4,217.0	0.70	81.10	4,216.6	-24.6	12.5	24.5	1.00	0.65	-74.52	
4,250.0	0.50	112.80	4,249.6	-24.7	12.9	24.5	1.15	-0.61	96.06	
4,282.0	1.80	162.90	4,281.6	-25.2	13.1	25.0	4.78	4.06	156.56	
4,314.0	4.60	175.90	4,313.6	-27.0	13.4	26.8	8.98	8.75	40.63	
4,345.0	6.60	180.50	4,344.4	-30.0	13.4	29.8	6.61	6.45	14.84	
4,377.0	8.10	183.10	4,376.2	-34.1	13.3	33.9	4.80	4.69	8.13	
4,409.0	9.60	185.50	4,407.8	-39.0	12.9	38.8	4.83	4.69	7.50	
4,441.0	11.60	186.10	4,439.2	-44.8	12.3	44.6	6.26	6.25	1.88	
4,473.0	14.50	186.60	4,470.4	-52.0	11.5	51.8	9.07	9.06	1.56	
4,504.0	17.00	187.50	4,500.2	-60.4	10.5	60.2	8.10	8.06	2.90	
4,536.0	19.10	187.90	4,530.7	-70.2	9.2	70.0	6.57	6.56	1.25	
4,568.0	21.00	186.10	4,560.7	-81.1	7.8	81.0	6.24	5.94	-5.63	
4,599.0	23.00	183.50	4,589.5	-92.6	6.9	92.5	7.17	6.45	-8.39	
4,631.0	24.90	183.10	4,618.7	-105.6	6.1	105.5	5.96	5.94	-1.25	
4,663.0	27.00	184.00	4,647.5	-119.6	5.3	119.5	6.68	6.56	2.81	
4,695.0	28.60	185.30	4,675.8	-134.5	4.0	134.4	5.35	5.00	4.06	
4,726.0	29.00	187.00	4,703.0	-149.3	2.4	149.3	2.94	1.29	5.48	
4,758.0	30.80	186.80	4,730.7	-165.1	0.5	165.1	5.63	5.63	-0.63	
4,790.0	33.10	186.00	4,757.8	-182.0	-1.4	182.0	7.31	7.19	-2.50	
4,822.0	35.80	185.10	4,784.2	-200.0	-3.1	200.0	8.59	8.44	-2.81	
4,853.0	38.00	185.00	4,809.0	-218.5	-4.7	218.6	7.10	7.10	-0.32	
4,885.0	39.50	184.40	4,834.0	-238.5	-6.4	238.6	4.83	4.69	-1.88	
4,917.0	41.60	183.10	4,858.3	-259.2	-7.7	259.3	7.07	6.56	-4.06	

Wolverine Directional, LLC

Survey Report

Company:	SandRidge Energy	Local Co-ordinate Reference:	Well Amelia Grace 1-2H
Project:	Comanche County (KS27S)	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Sec 2-T31S-R20W - GRID	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Well:	Amelia Grace 1-2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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)	
4,948.0	44.30	181.90	4,881.0	-280.3	-8.7	280.4	9.10	8.71	-3.87	
4,980.0	47.30	181.00	4,903.3	-303.3	-9.2	303.4	9.59	9.38	-2.81	
5,012.0	49.90	180.10	4,924.4	-327.3	-9.5	327.4	8.39	8.13	-2.81	
5,044.0	51.50	179.90	4,944.7	-352.0	-9.5	352.1	5.02	5.00	-0.63	
5,076.0	51.60	179.40	4,964.6	-377.1	-9.3	377.2	1.26	0.31	-1.56	
5,107.0	51.40	179.10	4,983.9	-401.4	-9.0	401.4	0.99	-0.65	-0.97	
5,139.0	51.10	179.00	5,003.9	-426.3	-8.6	426.4	0.97	-0.94	-0.31	
5,171.0	50.80	178.80	5,024.1	-451.2	-8.1	451.2	1.06	-0.94	-0.63	
5,202.0	50.40	178.60	5,043.8	-475.1	-7.6	475.2	1.38	-1.29	-0.65	
5,234.0	52.00	178.50	5,063.8	-500.0	-6.9	500.1	5.01	5.00	-0.31	
5,266.0	55.30	178.30	5,082.8	-525.8	-6.2	525.8	10.32	10.31	-0.63	
5,298.0	58.80	179.00	5,100.2	-552.6	-5.6	552.7	11.09	10.94	2.19	
5,329.0	62.70	180.10	5,115.3	-579.7	-5.4	579.7	12.96	12.58	3.55	
5,361.0	66.30	180.40	5,129.1	-608.6	-5.5	608.6	11.28	11.25	0.94	
5,393.0	69.10	180.70	5,141.3	-638.2	-5.8	638.2	8.79	8.75	0.94	
5,425.0	71.70	181.10	5,152.0	-668.3	-6.3	668.3	8.21	8.13	1.25	
5,456.0	74.40	180.90	5,161.0	-697.9	-6.8	698.0	8.73	8.71	-0.65	
5,488.0	76.90	180.60	5,169.0	-728.9	-7.2	729.0	7.87	7.81	-0.94	
5,520.0	79.30	180.80	5,175.6	-760.2	-7.6	760.3	7.52	7.50	0.63	
5,552.0	81.70	181.10	5,180.8	-791.8	-8.1	791.8	7.56	7.50	0.94	
5,563.0	82.50	181.20	5,182.3	-802.7	-8.3	802.7	7.33	7.27	0.91	
5,634.0	85.80	181.70	5,189.6	-873.3	-10.1	873.3	4.70	4.65	0.70	
5,665.0	88.00	181.50	5,191.3	-904.2	-11.0	904.3	7.13	7.10	-0.65	
5,695.0	89.70	182.30	5,191.9	-934.2	-11.9	934.3	6.26	5.67	2.67	
5,726.0	89.80	182.00	5,192.0	-965.2	-13.1	965.3	1.02	0.32	-0.97	
5,757.0	89.80	181.70	5,192.1	-996.2	-14.1	996.3	0.97	0.00	-0.97	
5,849.0	89.80	182.40	5,192.4	-1,088.1	-17.4	1,088.2	0.76	0.00	0.76	
5,941.0	90.20	182.00	5,192.4	-1,180.0	-20.9	1,180.2	0.61	0.43	-0.43	
6,032.0	90.20	181.60	5,192.1	-1,271.0	-23.8	1,271.2	0.44	0.00	-0.44	
6,124.0	90.30	180.70	5,191.7	-1,363.0	-25.6	1,363.2	0.98	0.11	-0.98	
6,216.0	89.00	181.30	5,192.3	-1,455.0	-27.2	1,455.2	1.56	-1.41	0.65	
6,308.0	88.80	181.00	5,194.0	-1,546.9	-29.1	1,547.2	0.39	-0.22	-0.33	
6,400.0	88.40	180.80	5,196.3	-1,638.9	-30.5	1,639.2	0.49	-0.43	-0.22	
6,492.0	88.00	180.10	5,199.2	-1,730.8	-31.3	1,731.1	0.88	-0.43	-0.76	
6,584.0	89.00	180.90	5,201.6	-1,822.8	-32.1	1,823.1	1.39	1.09	0.87	
6,676.0	88.90	180.80	5,203.3	-1,914.8	-33.4	1,915.1	0.15	-0.11	-0.11	
6,772.0	87.80	181.60	5,206.0	-2,010.7	-35.4	2,011.0	1.42	-1.15	0.83	
6,867.0	89.10	180.60	5,208.6	-2,105.7	-37.3	2,106.0	1.73	1.37	-1.05	
6,963.0	89.40	179.30	5,209.9	-2,201.6	-37.2	2,201.9	1.39	0.31	-1.35	
7,059.0	89.40	179.20	5,210.9	-2,297.6	-35.9	2,297.9	0.10	0.00	-0.10	
7,154.0	88.80	178.20	5,212.4	-2,392.6	-33.8	2,392.8	1.23	-0.63	-1.05	
7,250.0	88.90	177.70	5,214.3	-2,488.5	-30.3	2,488.7	0.53	0.10	-0.52	
7,346.0	90.40	178.40	5,214.9	-2,584.4	-27.1	2,584.6	1.72	1.56	0.73	
7,441.0	90.00	176.90	5,214.5	-2,679.4	-23.2	2,679.4	1.63	-0.42	-1.58	
7,537.0	89.40	178.20	5,215.0	-2,775.3	-19.1	2,775.3	1.49	-0.63	1.35	
7,633.0	89.40	178.50	5,216.0	-2,871.2	-16.3	2,871.2	0.31	0.00	0.31	
7,728.0	89.70	179.60	5,216.8	-2,966.2	-14.7	2,966.1	1.20	0.32	1.16	
7,824.0	89.30	180.10	5,217.6	-3,062.2	-14.5	3,062.1	0.67	-0.42	0.52	
7,919.0	90.40	182.50	5,217.9	-3,157.2	-16.6	3,157.1	2.78	1.16	2.53	
8,015.0	88.80	183.10	5,218.5	-3,253.1	-21.3	3,253.0	1.78	-1.67	0.63	
8,111.0	88.80	182.20	5,220.6	-3,348.9	-25.8	3,348.9	0.94	0.00	-0.94	
8,207.0	89.30	182.30	5,222.1	-3,444.8	-29.5	3,444.9	0.53	0.52	0.10	
8,302.0	89.20	182.30	5,223.4	-3,539.8	-33.3	3,539.9	0.11	-0.11	0.00	
8,398.0	89.20	182.40	5,224.7	-3,635.7	-37.3	3,635.8	0.10	0.00	0.10	

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Well:	Amelia Grace 1-2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 2003.21 Single User Db

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)
8,494.0	89.50	181.60	5,225.8	-3,731.6	-40.6	3,731.8	0.89	0.31	-0.83
8,589.0	90.00	181.40	5,226.2	-3,826.6	-43.1	3,826.8	0.57	0.53	-0.21
8,685.0	90.40	181.70	5,225.9	-3,922.5	-45.7	3,922.8	0.52	0.42	0.31
8,780.0	90.50	182.60	5,225.2	-4,017.5	-49.3	4,017.7	0.95	0.11	0.95
8,876.0	88.50	184.70	5,226.0	-4,113.2	-55.4	4,113.6	3.02	-2.08	2.19
8,972.0	88.30	184.60	5,228.7	-4,208.9	-63.2	4,209.4	0.23	-0.21	-0.10
9,068.0	88.80	184.00	5,231.1	-4,304.6	-70.4	4,305.2	0.81	0.52	-0.63
9,163.0	88.90	183.10	5,233.0	-4,399.4	-76.2	4,400.0	0.95	0.11	-0.95
9,259.0	88.90	182.50	5,234.8	-4,495.3	-80.9	4,496.0	0.62	0.00	-0.63
9,354.0	89.30	181.60	5,236.3	-4,590.2	-84.3	4,590.9	1.04	0.42	-0.95
9,450.0	90.30	181.10	5,236.7	-4,686.2	-86.6	4,686.9	1.16	1.04	-0.52
9,511.0	90.40	180.20	5,236.3	-4,747.2	-87.3	4,747.9	1.48	0.16	-1.48
Last MWD Survey									
9,559.8	90.40	180.20	5,236.0	-4,796.0	-87.4	4,796.7	0.00	0.00	0.00
Amelia Grace 1-2H PBHL									
9,560.0	90.40	180.20	5,236.0	-4,796.1	-87.4	4,796.9	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)	
1,140.0	1,140.0	1.6	-2.5	First MWD Survey
9,511.0	5,236.3	-4,747.2	-87.3	Last MWD Survey
9,560.0	5,236.0	-4,796.1	-87.4	Proj to TD

Checked By: _____ Approved By: _____ Date: _____