



KANSAS CORPORATION COMMISSION 1074698
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: Tammy Alcorn
Purchaser: Atlas (Gas) Plains Marketing, LP (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 #: _____

<u>2/19/2012</u>	<u>3/13/2012</u>	<u>3/16/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21810-01-00

Spot Description: _____
SW SE SW SW Sec. 17 Twp. 35 S. R. 7 East West
300 Feet from North / South Line of Section
880 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Harper

Lease Name: Bernice Well #: 2-17H

Field Name: _____

Producing Formation: Mississippi

Elevation: Ground: 1293 Kelly Bushing: 1273

Total Depth: 9999 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 788 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 crnt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 10400 ppm Fluid volume: 6720 bbls

Dewatering method used: Haul Off Pit

Location of fluid disposal if hauled offsite:

Operator Name: Triple C Soil Farming

Lease Name: unknown License #: 99999

Quarter NE Sec. 23 Twp. 29 S. R. 10 East West

County: Alfalfa, OK Permit #: 11-19659

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: 06/07/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 06/18/2012

Section 7
35S 7W

813' FWL

BHL: 11132'
-98.107213 37.016970

Bottom Perf: 9384'
-98.106965 37.012516

3469' FSL

Section 8
35S 7W

Top Perf: 6606'
-98.106725 37.004831

Section 18
35S 7W

Section 17
35S 7W

Miss Entry: 5046'
-98.10648 37.000646

BERNICE 2-17H

BERNICE 1-17H

Section 13
29N 9W

Section 18
29N 8W



Actual Bottom-Hole Location of Bernice 2-17
Harper County, Kansas

T&R: 35S 7W

Section: 8, 813' FWL & 3469' FSL
Long/Lat: -98.107213 37.016970

1 in = 833 ft



● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

0 625 1,250 2,500 Feet

Draftsman:
Aaron Birk

Draft Date: 6/6/2012

Drawing Name/Number:

Addendum_Bernice_2-17.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

DIRECTIONAL SURVEY CALCULATION MINIMUM CURVATURE METHOD

Well Name	Target Direction	Shot Coordinate	N/S	E/W	Shot Size	Calculation by	Date		
Bernice 2-17H	357 89						4/18/12		
Job Number	Type of Survey	Tie-in Point	Directional Co.						
0									
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate N + / S - E + / W -	Dogleg Severity	Build Up #/100 ft	Walk/ #/100 ft
0	0	0	0	0.00	0.00				
<< TIE-IN POINT >>									
247	1	293	247	248.99	0.82	0.75 -1.70	0.36	0.36	118.54
465	3	293	218	464.86	3.88	3.55 -8.45	0.92	0.92	0.00
590	3	293	125	589.70	6.48	5.98 -14.18	0.08	-0.08	0.00
733	3	293	143	732.55	9.32	8.57 -20.39	0.14	-0.14	0.00
775	2	293	42	774.51	10.09	9.28 -22.06	0.48	-0.48	0.00
867	2	293	92	868.43	11.64	10.71 -25.48	0.22	-0.22	0.00
859	2	294	92	858.37	13.05	12.01 -28.51	0.33	-0.33	0.98
1050	2	286	81	1,049.32	14.20	13.05 -31.42	0.31	0.11	-8.57
1141	2	294	91	1,140.27	15.31	14.08 -34.25	0.36	-0.22	8.79
1413	2	281	272	1,412.14	18.10	16.57 -42.12	0.15	-0.04	-4.74
1890	1	308	477	1,889.01	22.36	20.45 -52.36	0.19	-0.15	5.66
2366	1	296	476	2,384.86	28.38	24.25 -58.27	0.07	-0.06	-2.42
2843	0	310	477	2,841.94	28.31	26.07 -61.53	0.11	-0.10	3.02
3319	0	70	476	3,317.94	29.26	27.04 -60.99	0.09	0.02	-50.55
3415	0	68	96	3,413.94	29.40	27.19 -60.60	0.10	-0.10	-1.77
3510	0	15	95	3,508.94	29.77	27.57 -60.36	0.34	0.21	-56.00
3505	0	298	95	3,603.94	30.17	27.97 -60.42	0.43	-0.21	298.21
3701	0	53	96	3,699.94	30.35	28.15 -60.43	0.35	0.00	-255.52
3796	1	89	95	3,794.94	30.64	28.46 -59.76	0.54	0.53	10.84
3891	0	66	95	3,889.93	30.95	28.80 -58.92	0.32	-0.32	-3.37
3923	1	45	32	3,921.93	31.11	28.97 -58.70	0.84	0.63	-86.25
3955	2	8	32	3,953.92	31.69	29.56 -58.51	3.95	3.44	-112.81
3987	4	8	32	3,985.89	33.15	31.02 -58.31	5.94	5.94	-2.50
4019	5	3	32	4,017.79	35.64	33.52 -58.10	5.73	5.63	-14.38
4050	7	4	31	4,048.60	39.02	36.92 -57.90	5.81	5.81	1.61
4082	9	3	32	4,080.27	43.54	41.45 -57.65	5.94	5.94	-1.56
4114	11	4	32	4,111.77	49.15	47.08 -57.31	6.58	6.56	2.50
4146	13	3	32	4,143.04	55.91	53.85 -56.92	6.59	6.56	-2.81
4177	15	3	31	4,173.07	63.56	61.53 -56.53	6.77	6.77	0.00
4209	17	2	32	4,203.77	72.57	70.55 -56.10	6.32	6.25	-3.44
4241	19	0	32	4,234.13	82.66	80.65 -55.99	6.45	6.25	-5.00
4273	22	359	32	4,264.02	94.06	92.07 -56.05	9.43	9.38	1,122.19
4304	26	1	31	4,292.29	106.70	104.77 -56.05	11.74	11.61	#####
4336	29	1	32	4,320.69	121.49	119.52 -55.81	9.10	9.06	1.88
4368	31	3	32	4,348.44	137.37	135.43 -55.21	6.83	5.94	5.94
4400	33	5	32	4,375.58	154.21	152.32 -54.05	7.68	7.19	5.00
4432	36	5	32	4,402.03	172.12	170.30 -52.60	7.51	7.50	-0.63
4463	37	5	31	4,427.06	190.26	188.52 -51.14	4.21	4.19	0.65
4485	38	5	32	4,452.44	209.62	207.94 -49.54	4.38	4.38	0.00
4527	40	4	32	4,477.29	229.95	228.04 -48.03	5.54	5.31	-2.50
4559	42	4	32	4,501.48	250.50	248.95 -46.68	6.30	6.25	-1.25
4591	44	3	32	4,524.90	272.20	270.72 -45.47	6.69	6.56	-1.88
4622	46	2	31	4,548.84	294.03	292.59 -44.46	6.23	6.13	-1.61
4654	47	3	32	4,568.83	317.20	315.82 -43.42	4.43	4.38	0.94
4686	50	3	32	4,590.07	341.04	339.72 -42.23	6.91	6.88	0.94
4718	51	3	32	4,610.62	365.47	364.21 -40.88	3.51	3.44	0.84
4749	51	4	31	4,630.21	389.38	388.19 -39.44	1.49	1.26	0.97
4781	51	3	32	4,650.28	414.18	413.07 -37.94	1.19	0.94	-0.94
4813	51	3	32	4,670.38	438.98	437.93 -36.52	1.27	-1.25	-0.31
4845	50	4	32	4,690.71	463.57	462.60 -35.06	2.39	-2.19	1.25
4876	49	3	31	4,710.85	487.05	486.13 -33.80	5.28	-4.52	-3.55
4908	50	2	32	4,731.67	511.27	510.41 -32.79	3.78	3.75	-0.63
4940	52	3	32	4,751.81	536.05	535.25 -31.63	6.48	6.25	2.19
4972	55	5	32	4,770.95	561.55	560.83 -29.88	9.02	7.81	5.83
5004	58	4	32	4,788.80	587.93	587.30 -27.80	10.12	10.00	-1.88
5035	61	4	31	4,804.58	614.46	613.92 -25.99	11.09	10.67	-1.84
5067	65	3	32	4,819.18	642.81	642.35 -24.48	11.36	10.94	-3.44
5099	68	2	32	4,832.09	672.01	671.60 -23.41	10.26	10.00	-2.50
5131	71	1	32	4,843.45	701.86	701.50 -22.60	8.79	8.75	-0.84
5162	73	1	31	4,853.03	731.29	730.98 -21.98	9.12	9.03	-1.29
5194	76	1	32	4,861.07	762.21	761.94 -21.47	12.82	12.81	-0.31
5226	82	0	32	4,868.84	793.65	793.41 -21.17	13.30	13.13	-2.19
5258	84	359	32	4,870.71	825.39	825.17 -21.31	8.89	8.44	1,122.19
5289	87	359	31	4,873.17	856.29	856.08 -21.82	6.96	6.77	-1.81
5359	90	359	70	4,875.37	926.24	926.00 -23.47	4.88	4.86	-0.43
5391	91	359	32	4,876.15	958.23	957.99 -24.28	3.14	3.13	0.31
5423	92	358	32	4,874.45	990.22	989.97 -25.12	2.27	2.19	-0.63
5519	90	358	96	4,873.53	1,068.21	1,068.92 -27.97	2.20	-2.19	-0.21
5614	90	359	95	4,874.19	1,181.20	1,180.89 -30.20	0.97	0.21	0.85
5710	90	359	96	4,874.88	1,277.18	1,276.86 -32.13	0.56	-0.21	-0.52
5806	89	359	96	4,878.29	1,373.16	1,372.82 -34.48	0.73	-0.73	0.00
5901	90	359	95	4,877.53	1,468.15	1,467.79 -36.80	0.95	0.95	0.00
5997	89	358	96	4,878.54	1,564.14	1,563.74 -39.64	0.88	-0.63	-0.63
6093	90	356	96	4,879.29	1,660.12	1,659.59 -44.75	2.38	0.94	-2.19
6188	90	356	95	4,879.70	1,755.05	1,754.32 -51.87	0.67	-0.53	-0.42
6284	92	357	96	4,878.45	1,850.98	1,850.07 -58.57	2.60	2.60	1.04
6347	92	357	63	4,876.30	1,913.92	1,912.92 -62.41	0.16	-0.16	0.00
6379	92	357	32	4,875.19	1,945.89	1,944.85 -64.26	1.40	0.62	1.25
6443	92	357	64	4,872.90	2,009.84	2,008.71 -67.77	0.22	-0.16	-0.16
6477	92	357	34	4,871.80	2,043.82	2,042.84 -69.73	1.06	-0.88	-0.69
6572	94	357	95	4,867.16	2,138.68	2,137.36 -75.11	2.34	2.32	0.32
6668	95	357	96	4,859.71	2,234.37	2,232.91 -80.61	1.22	1.15	-0.42
6700	94	356	32	4,857.23	2,266.26	2,264.74 -82.78	4.25	-3.44	-2.50
6732	94	355	32	4,855.02	2,298.15	2,296.56 -85.37	2.20	0.31	-2.19
6764	94	354	32	4,852.76	2,330.01	2,328.34 -88.38	2.51	0.31	-2.50
6795	94	353	31	4,850.63	2,360.85	2,359.07 -91.88	4.61	-0.87	-4.52
6827	94	353	32	4,848.37	2,392.64	2,390.72 -95.96	1.82	1.56	-0.94
6859	93	353	32	4,846.44	2,424.44	2,422.40 -100.07	5.35	-5.31	0.62
6891	90	353	32	4,845.68	2,456.31	2,454.15 -104.00	7.97	-7.81	1.58
6924	89	354	43	4,845.98	2,489.19	2,486.88 -108.79	2.98	-2.33	1.88
6956	88	356	32	4,846.69	2,531.13	2,528.73 -111.72	5.17	-2.19	4.69

