



**CONFIDENTIAL**

**WELL COMPLETION FORM**

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**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: NCRA (oil) DCP Midstream, LP (gas)

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 #: \_\_\_\_\_  
4/30/2012    5/22/2012    5/25/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-033-21633-01-00  
Spot Description: \_\_\_\_\_  
NW NE NW NW Sec. 20 Twp. 31 S. R. 19  East  West  
200 Feet from  North /  South Line of Section  
760 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Comanche  
Lease Name: Ruby 3119 Well #: 1A-20H  
Field Name: \_\_\_\_\_  
Producing Formation: Mississippi  
Elevation: Ground: 2175 Kelly Bushing: 2205  
Total Depth: 9665 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 405 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: 33500 ppm Fluid volume: 3790 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: LoJo Disposal  
Lease Name: Pit #1 License #: 99999  
Quarter SW Sec. 10 Twp. 26 S. R. 15  East  West  
County: Woods, OK Permit #: 563714

**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: 08/28/2012  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 08/28/2012

# DRILTECH MWD SURVEY REPORT

Company: Sandridge Energy  
 Well: Ruby 3119 1A-20H  
 Location: SEC 20- T31S- R19W  
 Rig: Lariat 38

Job Number: KTX-043  
 Magnetic Decl.: 6.05  
 Grid Corr.: \_\_\_\_\_  
 Total Grid Corr.: 6.05

Calculation Method: Minimum Curvature  
 Proposed Azimuth: 181.63  
 WELL API #: 1503321633-01-00  
 Tie Into: MWD

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)		
Tie In	MWD	0	0.00	0.00	0	0	0	0	0	0	0	0	0
1	MWD	1046.00	0.90	317.00	1046	1045.96	-5.85	6.01 N	5.60 W	8.22	317.00	0.09	0.09
2	MWD	1331.00	1.10	318.60	285	1330.91	-9.44	9.70 N	8.94 W	13.19	317.33	0.07	0.07
3	MWD	1617.00	1.30	298.00	286	1616.85	-12.89	13.28 N	13.62 W	19.02	314.28	0.17	0.07
4	MWD	1903.00	1.40	306.90	286	1902.77	-16.35	16.90 N	19.28 W	25.64	311.24	0.08	0.03
5	MWD	2188.00	1.50	305.00	285	2187.68	-20.41	21.13 N	25.12 W	32.82	310.07	0.04	0.04
6	MWD	2474.00	1.00	294.20	286	2473.61	-23.42	24.30 N	30.46 W	38.97	308.58	0.19	-0.17
7	MWD	2950.00	1.00	306.50	476	2949.54	-27.39	28.47 N	37.59 W	47.15	307.15	0.05	0.00
8	MWD	3426.00	0.90	320.90	476	3425.47	-32.60	33.85 N	43.28 W	54.95	308.02	0.05	-0.02
9	MWD	3902.00	1.10	275.40	476	3901.41	-35.73	37.18 N	50.19 W	62.46	306.53	0.17	0.04
10	MWD	4282.00	1.20	271.80	380	4281.33	-35.99	37.65 N	57.80 W	68.98	303.08	0.03	0.03
11	MWD	4314.00	1.00	269.60	32	4313.33	-35.98	37.65 N	58.41 W	69.50	302.81	0.64	-0.63
12	MWD	4345.00	1.60	201.20	31	4344.32	-35.56	37.25 N	58.84 W	69.64	302.34	4.98	1.94
13	MWD	4377.00	3.30	188.00	32	4376.29	-34.22	35.92 N	59.13 W	69.18	301.28	5.56	5.31
14	MWD	4409.00	3.60	172.30	32	4408.23	-32.32	34.01 N	59.12 W	68.21	299.91	3.09	0.94
15	MWD	4440.00	5.30	152.80	31	4439.14	-30.10	31.77 N	58.34 W	66.43	298.57	7.27	5.48
16	MWD	4472.00	8.00	152.90	32	4470.92	-26.85	28.48 N	56.65 W	63.40	296.69	8.44	8.44
17	MWD	4504.00	11.10	154.90	32	4502.47	-22.15	23.70 N	54.33 W	59.27	293.57	9.74	9.69
18	MWD	4536.00	14.80	159.00	32	4533.66	-15.62	17.10 N	51.55 W	54.31	288.35	11.91	11.56
19	MWD	4567.00	14.90	163.80	31	4563.62	-8.17	9.57 N	49.02 W	49.95	281.05	3.98	0.32
20	MWD	4599.00	15.40	169.80	32	4594.51	-0.10	1.44 N	47.12 W	47.14	271.75	5.14	1.56
21	MWD	4631.00	17.20	175.30	32	4625.23	8.76	7.46 S	45.98 W	46.58	260.79	7.40	5.63
22	MWD	4663.00	20.00	177.20	32	4655.55	18.93	17.64 S	45.33 W	48.64	248.73	8.95	8.75
23	MWD	4694.00	23.00	179.10	31	4684.39	30.26	29.00 S	44.97 W	53.51	237.19	9.93	9.68
24	MWD	4726.00	25.60	180.50	32	4713.55	43.42	42.16 S	44.94 W	61.62	226.82	8.32	8.13
25	MWD	4758.00	28.30	180.90	32	4742.08	57.92	56.66 S	45.11 W	72.43	218.53	8.46	8.44
26	MWD	4790.00	31.50	180.90	32	4769.81	73.87	72.61 S	45.37 W	85.62	212.00	10.00	10.00
27	MWD	4821.00	34.20	178.80	31	4795.85	90.68	89.42 S	45.31 W	100.25	206.87	9.45	8.71
28	MWD	4853.00	36.60	177.80	32	4821.94	109.18	107.95 S	44.76 W	116.86	202.52	7.72	7.50
29	MWD	4885.00	38.20	176.90	32	4847.36	128.56	127.36 S	43.85 W	134.70	199.00	5.28	5.00
30	MWD	4917.00	40.30	177.10	32	4872.14	148.74	147.58 S	42.80 W	153.66	196.17	6.57	6.56
31	MWD	4948.00	42.30	177.00	31	4895.42	169.13	168.01 S	41.74 W	173.12	193.95	6.46	6.45
32	MWD	4980.00	44.50	177.10	32	4918.67	191.05	189.97 S	40.61 W	194.26	192.07	6.88	6.88

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 WELL API #: 1503321633-01-00  
 Tie Into: MWD

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								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)				
33	MWD	5012.00	46.40	176.40	32	4941.12	213.77	212.74	S	39.32	W	216.34	190.47	6.14	5.94
34	MWD	5044.00	48.60	176.40	32	4962.74	237.26	236.28	S	37.83	W	239.29	189.10	6.88	6.88
35	MWD	5075.00	49.20	176.60	31	4983.12	260.53	259.60	S	36.41	W	262.14	187.98	2.00	1.94
36	MWD	5107.00	49.10	176.10	32	5004.05	284.63	283.75	S	34.87	W	285.89	187.01	1.22	-0.31
37	MWD	5139.00	49.00	176.50	32	5025.02	308.69	307.87	S	33.31	W	309.67	186.17	0.99	-0.31
38	MWD	5171.00	48.90	176.70	32	5046.04	332.73	331.96	S	31.88	W	333.49	185.48	0.57	-0.31
39	MWD	5202.00	48.50	177.20	31	5066.50	355.95	355.22	S	30.64	W	356.54	184.93	1.77	-1.29
40	MWD	5234.00	50.10	176.80	32	5087.36	380.13	379.44	S	29.37	W	380.58	184.43	5.09	5.00
41	MWD	5266.00	53.40	176.60	32	5107.17	405.16	404.53	S	27.92	W	405.49	183.95	10.32	10.31
42	MWD	5298.00	56.50	177.30	32	5125.55	431.27	430.69	S	26.53	W	431.50	183.52	9.85	9.69
43	MWD	5329.00	59.70	178.70	31	5141.93	457.53	456.98	S	25.62	W	457.70	183.21	11.01	10.32
44	MWD	5361.00	62.60	179.90	32	5157.37	485.53	485.01	S	25.28	W	485.66	182.98	9.64	9.06
45	MWD	5392.00	65.70	181.30	31	5170.88	513.42	512.90	S	25.57	W	513.54	182.85	10.79	10.00
46	MWD	5424.00	68.30	181.80	32	5183.38	542.87	542.34	S	26.37	W	542.98	182.78	8.25	8.12
47	MWD	5456.00	71.00	180.50	32	5194.51	572.87	572.33	S	26.97	W	572.97	182.70	9.26	8.44
48	MWD	5488.00	74.40	179.80	32	5204.03	603.41	602.88	S	27.05	W	603.49	182.57	10.83	10.63
49	MWD	5519.00	78.80	179.50	31	5211.21	633.54	633.03	S	26.86	W	633.60	182.43	14.22	14.19
50	MWD	5551.00	82.50	178.00	32	5216.41	665.07	664.59	S	26.17	W	665.11	182.26	12.45	11.56
51	MWD	5583.00	84.80	177.40	32	5219.95	696.79	696.37	S	24.90	W	696.81	182.05	7.43	7.19
52	MWD	5615.00	86.60	177.10	32	5222.34	728.61	728.24	S	23.37	W	728.61	181.84	5.70	5.62
53	MWD	5670.00	90.20	175.30	55	5223.88	783.33	783.08	S	19.72	W	783.33	181.44	7.32	6.55
54	MWD	5761.00	92.40	176.00	91	5221.82	873.80	873.79	S	12.82	W	873.89	180.84	2.54	2.42
55	MWD	5854.00	89.90	176.00	93	5219.95	966.33	966.54	S	6.34	W	966.56	180.38	2.69	-2.69
56	MWD	5946.00	88.80	176.70	92	5220.99	1057.93	1058.35	S	0.48	W	1058.35	180.03	1.42	-1.20
57	MWD	6037.00	88.40	180.00	91	5223.22	1148.74	1149.27	S	2.14	E	1149.27	179.89	3.65	-0.44
58	MWD	6129.00	88.10	182.80	92	5226.03	1240.69	1241.19	S	0.11	W	1241.19	180.00	3.06	-0.33
59	MWD	6220.00	90.20	183.50	91	5227.38	1331.64	1332.03	S	5.11	W	1332.04	180.22	2.43	2.31
60	MWD	6311.00	89.80	183.40	91	5227.38	1422.60	1422.87	S	10.58	W	1422.91	180.43	0.45	-0.44
61	MWD	6402.00	88.60	184.20	91	5228.65	1513.52	1513.66	S	16.61	W	1513.75	180.63	1.58	-1.32
62	MWD	6495.00	90.40	184.70	93	5229.46	1606.40	1606.37	S	23.83	W	1606.55	180.85	2.01	1.94
63	MWD	6587.00	89.50	184.70	92	5229.54	1698.27	1698.06	S	31.37	W	1698.35	181.06	0.98	-0.98
64	MWD	6679.00	89.10	185.50	92	5230.66	1790.09	1789.69	S	39.54	W	1790.13	181.27	0.97	-0.43
65	MWD	6775.00	90.90	183.70	96	5230.66	1885.95	1885.37	S	47.24	W	1885.96	181.44	2.65	1.88
66	MWD	6871.00	90.80	182.50	96	5229.24	1981.91	1981.22	S	52.43	W	1981.91	181.52	1.25	-0.10
67	MWD	6966.00	91.40	183.00	95	5227.42	2076.87	2076.09	S	56.99	W	2076.87	181.57	0.82	0.63
68	MWD	7062.00	91.10	182.40	96	5225.32	2172.83	2171.96	S	61.51	W	2172.83	181.62	0.70	-0.31

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 Proposed Azimuth: 181.63  
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Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)		
69	MWD	7157.00	90.60	182.20	95	5223.91	2267.81	2266.87 S	65.32 W	2267.81	181.65	0.57	-0.53
70	MWD	7253.00	89.70	181.70	96	5223.66	2363.81	2362.82 S	68.59 W	2363.81	181.66	1.07	-0.94
71	MWD	7349.00	89.40	181.30	96	5224.41	2459.81	2458.78 S	71.10 W	2459.81	181.66	0.52	-0.31
72	MWD	7444.00	89.40	181.40	95	5225.41	2554.80	2553.75 S	73.34 W	2554.80	181.65	0.11	0.00
73	MWD	7540.00	88.10	181.70	96	5227.50	2650.78	2649.69 S	75.94 W	2650.78	181.64	1.39	-1.35
74	MWD	7636.00	87.60	182.00	96	5231.11	2746.71	2745.57 S	79.03 W	2746.71	181.65	0.61	-0.52
75	MWD	7731.00	89.10	181.80	95	5233.84	2841.66	2840.48 S	82.18 W	2841.66	181.66	1.59	1.58
76	MWD	7827.00	90.30	181.50	96	5234.34	2937.66	2936.43 S	84.95 W	2937.66	181.66	1.29	1.25
77	MWD	7923.00	89.50	181.20	96	5234.51	3033.66	3032.41 S	87.21 W	3033.66	181.65	0.89	-0.83
78	MWD	8018.00	89.00	181.00	95	5235.75	3128.65	3127.38 S	89.03 W	3128.65	181.63	0.57	-0.53
79	MWD	8114.00	88.40	181.10	96	5237.93	3224.62	3223.34 S	90.79 W	3224.62	181.61	0.63	-0.62
80	MWD	8210.00	87.90	181.70	96	5241.03	3320.56	3319.26 S	93.13 W	3320.56	181.61	0.81	-0.52
81	MWD	8305.00	87.00	181.60	95	5245.26	3415.47	3414.12 S	95.87 W	3415.47	181.61	0.95	-0.95
82	MWD	8401.00	88.60	182.00	96	5248.94	3511.40	3510.00 S	98.88 W	3511.40	181.61	1.72	1.67
83	MWD	8496.00	89.50	181.40	95	5250.52	3606.38	3604.95 S	101.70 W	3606.38	181.62	1.14	0.95
84	MWD	8592.00	88.80	181.70	96	5251.94	3702.37	3700.90 S	104.29 W	3702.37	181.61	0.79	-0.73
85	MWD	8687.00	88.90	182.80	95	5253.85	3797.34	3795.81 S	108.02 W	3797.34	181.63	1.16	0.11
86	MWD	8782.00	88.10	182.40	95	5256.34	3892.30	3890.67 S	112.33 W	3892.30	181.65	0.94	-0.84
87	MWD	8878.00	88.00	180.40	96	5259.60	3988.23	3986.59 S	114.68 W	3988.23	181.65	2.08	-0.10
88	MWD	8974.00	89.70	182.20	96	5261.53	4084.21	4082.53 S	116.85 W	4084.21	181.64	2.58	1.77
89	MWD	9069.00	91.60	183.10	95	5260.45	4179.18	4177.42 S	121.25 W	4179.18	181.66	2.21	2.00
90	MWD	9165.00	90.80	182.00	96	5258.44	4275.14	4273.30 S	125.52 W	4275.15	181.68	1.42	-0.83
91	MWD	9261.00	92.90	182.90	96	5255.34	4371.08	4369.16 S	129.62 W	4371.08	181.70	2.38	2.19
92	MWD	9357.00	92.20	181.90	96	5251.07	4466.97	4464.98 S	133.63 W	4466.98	181.71	1.27	-0.73
93	MWD	9452.00	92.10	182.10	95	5247.51	4561.90	4559.85 S	136.95 W	4561.91	181.72	0.24	-0.11
94	MWD	9548.00	88.00	177.10	96	5247.42	4657.79	4655.80 S	136.28 W	4657.79	181.68	6.73	-4.27
95	MWD	9616.00	88.90	177.20	68	5249.26	4725.56	4723.69 S	132.90 W	4725.56	181.61	1.33	1.32
PTB	MWD	9665.00	89.55	177.30	49	5249.93	4774.41	4772.63 S	130.54 W	4774.41	181.57	1.34	1.33
	MWD												
	MWD												
	MWD												
	MWD												
	MWD												
	PTB												

Section 18  
31S 19W

Section 17  
31S 19W

RUBY 3119 1A-20H



Miss Entry: 5348'  
-99.41577 37.336097

Top Perf: 5364'  
-99.41577 37.336097

Section 19  
31S 19W

Section 20  
31S 19W

Bottom Perf: 9204'  
-99.415645 37.32579

BHL: 9665'  
-99.4156 37.324432

988' FEL

420' FSL

Section 30  
31S 19W

Section 29  
31S 19W



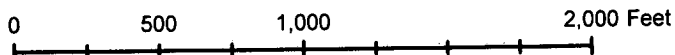
- Actual BH Location
- \* SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Ruby 3119 1A-20H  
Comanche County, Kansas  
T&R: 31S 19W  
Section: 20, 420' FSL & 988' FEL  
Long: -99.4156 37.324432

1 in = 667 ft



Draftsman:

Aaron Birk

Draft Date: 8/16/2012

Drawing Name/Number:

Addendum\_Ruby\_3119\_1A-20H.m

Coordinate System:

NAD 1927 State Plane  
Kansas South FIPS: 1502