



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: William Scott
Purchaser: NCRA (oil)

API No. 15 - 15-069-20387-01-00

Spot Description: _____
SE SW SW SW Sec. 17 Twp. 26 S. R. 29 East West
220 Feet from North / South Line of Section
400 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Gray
Lease Name: Unruh 2629 Well #: 1-17H

Field Name: _____
Producing Formation: Mississippian

Elevation: Ground: 2732 Kelly Bushing: 2752

Total Depth: 9320 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1575 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.

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 #: _____

8/17/2012 9/9/2012 9/12/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 12000 ppm Fluid volume: 7170 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Chaosland Disposal

Lease Name: Unnamed License #: 99999

Quarter SE Sec. 33 Twp. 29 S. R. 37 East West

County: Grant Permit #: KDH 890

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: 12/13/2012
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 12/14/2012

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name		Target Direction	Slot	N / S	E / W	Hole Size	Calculation by		Date	
Unruh 2629 1-17H		1.45	Coordinate						9/12/12	
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		Dogleg Severity	Build Up */100 ft	Walk/ */100 ft
						N + / S -	E + / W -			
0	0	0	0	0.00	0.00					
0	0	0		0.00	0.00	0.00	0.00			
1621	2	350	1621	1,620.81	20.81	20.91	-3.61	0.09	0.09	21.60
1908	2	18	287	1,907.71	28.34	28.42	-3.01	0.26	0.03	-115.75
2386	1	9	478	2,385.61	38.04	38.06	-0.41	0.17	-0.17	-1.80
2864	1	8	478	2,863.56	44.24	44.25	0.53	0.02	-0.02	-0.36
3340	1	354	476	3,339.52	50.84	50.85	0.55	0.06	0.04	72.82
3529	1	351	189	3,528.50	53.61	53.62	0.18	0.06	-0.05	-2.01
3622	1	339	93	3,621.49	54.85	54.87	-0.16	0.18	0.00	-12.69
3716	1	348	94	3,715.48	56.17	56.20	-0.55	0.18	0.11	9.89
3810	1	351	94	3,809.47	57.61	57.65	-0.82	0.05	0.00	2.87
3905	1	347	95	3,904.45	59.15	59.20	-1.13	0.12	0.11	-3.47
4000	1	336	95	3,999.44	60.86	60.92	-1.70	0.31	0.21	-11.58
4063	2	331	63	4,062.42	62.21	62.29	-2.40	0.67	0.63	-9.21
4095	3	349	32	4,094.39	63.44	63.53	-2.78	5.19	4.69	57.50
4127	6	357	32	4,126.30	65.81	65.91	-3.04	7.70	7.50	24.06
4158	8	359	31	4,157.09	69.34	69.44	-3.16	6.83	6.77	7.74
4189	10	359	31	4,187.74	74.00	74.10	-3.22	6.77	6.77	0.32
4221	12	359	32	4,219.18	79.94	80.05	-3.32	6.25	6.25	-0.62
4253	14	1	32	4,250.40	86.94	87.05	-3.32	6.08	5.94	#####
4284	16	3	31	4,280.39	94.78	94.89	-3.08	6.90	6.77	5.16
4315	18	3	31	4,310.08	103.71	103.81	-2.61	6.83	6.77	2.90
4347	19	2	32	4,340.41	113.89	113.98	-2.16	4.98	4.69	-5.31
4378	21	0	31	4,369.52	124.54	124.63	-2.00	5.46	5.16	-5.16
4411	23	360	33	4,400.14	136.84	136.94	-2.03	6.08	6.06	1,089.70
4443	24	1	32	4,429.48	149.62	149.72	-1.93	4.42	4.06	#####
4475	26	1	32	4,458.44	163.22	163.32	-1.73	5.97	5.94	-1.56
4508	29	1	33	4,487.74	178.41	178.50	-1.51	7.91	7.88	1.52
4539	31	2	31	4,514.68	193.74	193.83	-1.11	6.23	6.13	2.26
4571	33	3	32	4,541.89	210.58	210.65	-0.43	7.37	7.19	3.13
4603	35	2	32	4,568.40	228.49	228.56	0.30	7.36	7.19	-2.81
4634	38	2	31	4,593.35	246.88	246.94	0.84	7.78	7.74	-1.29
4666	40	0	32	4,618.36	266.85	266.90	1.11	6.82	6.25	-4.38
4699	42	2	33	4,643.30	288.45	288.50	1.48	8.57	7.88	5.15
4730	44	3	31	4,665.86	309.70	309.75	2.28	7.26	7.10	2.26
4762	46	3	32	4,688.39	332.42	332.45	3.33	5.35	5.31	0.94
4794	46	3	32	4,710.59	355.46	355.46	4.50	0.55	-0.31	0.63
4826	46	3	32	4,732.88	378.41	378.38	5.72	0.96	-0.94	0.31
4858	45	3	32	4,755.31	401.22	401.17	6.93	1.27	-1.25	-0.31
4890	45	2	32	4,777.86	423.92	423.86	7.98	1.67	-0.62	-2.19
4921	45	3	31	4,799.69	445.94	445.85	8.92	1.19	0.97	0.97
4953	47	3	32	4,821.77	469.08	468.98	9.95	5.94	5.94	-0.31
4984	51	3	31	4,842.13	492.45	492.33	10.99	10.65	10.65	0.32
5016	53	2	32	4,861.85	517.65	517.51	11.94	8.72	8.44	-2.81
5047	56	1	31	4,879.72	542.98	542.83	12.62	9.71	9.68	-0.97
5080	59	1	33	4,897.28	570.91	570.76	13.18	9.48	9.39	-1.52
5112	62	0	32	4,912.86	598.85	598.71	13.47	9.21	9.06	-1.88
5144	66	0	32	4,926.89	627.61	627.46	13.59	10.63	10.63	-0.31
5175	69	1	31	4,938.72	656.25	656.10	13.97	12.38	11.94	3.55
5207	72	1	32	4,949.30	686.45	686.30	14.61	8.15	8.12	-0.63
5239	74	2	32	4,958.65	717.05	716.89	15.33	6.43	6.25	1.56
5271	78	1	32	4,966.50	748.06	747.90	16.11	11.29	11.25	-0.94
5303	81	2	32	4,972.39	779.51	779.33	17.02	11.45	11.25	2.19
5335	83	2	32	4,976.68	811.22	811.02	18.04	6.94	6.88	-0.94
5353	85	2	23	4,979.10	834.09	833.88	18.86	5.66	4.78	3.04
5389	87	2	31	4,981.34	865.00	864.77	20.13	8.72	8.71	-0.32
5421	90	3	32	4,982.12	896.98	896.72	21.61	9.02	8.75	2.19
5517	92	4	96	4,980.62	992.92	992.55	27.05	1.95	1.88	0.52

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name		Target Direction	Slot	N / S	E / W	Hole Size	Calculation by	Date			
Unruh 2629 1-17H		1.45	Coordinate					9/12/12			
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		Dogleg Severity	Build Up %/100 ft	Walk/ %/100 ft	
						N + / S -	E + / W -				
<< TIE-IN POINT >>											
0	0	0	0	0.00	0.00						
5549	92	4	32	4,979.44	1,024.87	1,024.46	29.11	2.25	1.88	1.25	
5580	91	3	31	4,978.42	1,055.83	1,055.38	31.08	3.61	-3.23	-1.61	
5613	91	3	33	4,977.73	1,088.81	1,088.33	32.90	1.94	-1.21	-1.52	
5644	91	2	31	4,977.10	1,119.80	1,119.29	34.33	1.88	0.97	-1.61	
5676	90	3	32	4,976.85	1,151.79	1,151.25	35.89	5.87	-5.31	2.50	
5708	90	3	32	4,977.08	1,183.77	1,183.20	37.68	0.00	0.00	0.00	
5739	90	4	31	4,977.26	1,214.75	1,214.14	39.52	1.33	0.32	1.29	
5770	90	4	31	4,977.45	1,245.73	1,245.08	41.49	0.46	-0.32	0.32	
5802	90	4	32	4,977.71	1,277.70	1,277.01	43.53	0.44	-0.31	-0.31	
5834	89	4	32	4,978.04	1,309.68	1,308.95	45.57	0.70	-0.63	0.31	
5866	89	3	32	4,978.60	1,341.65	1,340.88	47.52	2.25	-1.87	-1.25	
5898	89	2	32	4,979.32	1,373.63	1,372.83	49.11	2.81	0.00	-2.81	
5931	89	2	33	4,980.07	1,406.62	1,405.80	50.26	2.42	0.00	-2.42	
5963	89	2	32	4,980.83	1,438.61	1,437.78	51.13	0.44	-0.31	-0.31	
5995	89	1	32	4,981.39	1,470.61	1,469.77	51.91	2.58	2.50	-0.63	
6027	90	1	32	4,981.69	1,502.61	1,501.76	52.47	1.90	0.31	-1.88	
6058	90	0	31	4,981.88	1,533.60	1,532.76	52.76	1.37	0.97	-0.97	
6089	90	1	31	4,981.88	1,564.60	1,563.76	53.14	2.33	1.29	1.94	
6121	91	1	32	4,981.69	1,596.60	1,595.75	53.78	1.33	0.94	0.94	
6152	91	1	31	4,981.31	1,627.60	1,626.74	54.49	1.29	1.29	0.00	
6183	91	2	31	4,980.69	1,658.59	1,657.72	55.43	3.32	1.61	2.90	
6215	91	1	32	4,979.93	1,690.58	1,689.69	56.41	2.83	-0.31	-2.81	
6247	90	0	32	4,979.71	1,722.58	1,721.69	56.86	6.43	-5.62	-3.13	
6278	90	360	31	4,979.98	1,753.56	1,752.69	56.88	1.61	0.00	1,159.68	
6309	90	360	31	4,980.20	1,784.55	1,783.69	56.80	0.72	0.65	0.32	
6341	89	360	32	4,980.45	1,816.54	1,815.69	56.78	0.99	-0.94	0.31	
6373	89	360	32	4,980.84	1,848.53	1,847.68	56.78	0.62	-0.63	0.00	
6404	89	0	31	4,981.27	1,879.52	1,878.68	56.86	0.97	0.00	#####	
6436	89	360	32	4,981.80	1,911.50	1,910.68	56.91	1.56	-0.94	1,123.75	
6468	89	360	32	4,982.47	1,943.48	1,942.67	56.86	0.62	-0.63	0.00	
6500	89	360	32	4,983.31	1,975.46	1,974.66	56.77	1.29	-1.25	-0.31	
6531	89	369	31	4,984.09	2,006.43	2,005.65	56.53	2.28	1.61	-1.61	
6563	89	360	32	4,984.76	2,038.41	2,037.64	56.25	1.25	0.00	1.25	
6594	89	360	31	4,985.47	2,069.39	2,068.63	56.12	0.72	-0.65	0.32	
6626	89	360	32	4,986.19	2,101.37	2,100.62	56.00	0.62	0.63	0.00	
6658	89	0	32	4,986.84	2,133.35	2,132.61	56.03	1.59	0.31	#####	
6690	90	1	32	4,987.25	2,165.34	2,164.61	56.34	2.69	2.19	1.56	
6721	90	3	31	4,986.93	2,196.34	2,195.59	57.26	8.68	6.45	5.81	
6753	90	3	32	4,985.92	2,228.31	2,227.54	58.79	1.56	1.25	0.94	
6785	90	3	32	4,985.00	2,260.29	2,259.48	60.49	2.38	-2.19	0.94	
6817	90	3	32	4,984.36	2,292.27	2,291.43	62.20	1.33	-0.94	-0.94	
6850	90	3	33	4,983.96	2,325.26	2,324.38	63.84	1.84	-1.82	-0.30	
6881	90	4	31	4,983.85	2,356.24	2,355.33	65.62	3.47	-1.29	3.23	
6913	90	5	32	4,983.91	2,388.20	2,387.25	67.97	2.58	-0.63	2.50	
6944	90	4	31	4,983.96	2,419.16	2,418.15	70.37	1.16	0.65	-0.97	
6976	90	3	32	4,984.04	2,451.13	2,450.09	72.41	4.17	-0.94	-4.06	
7007	90	2	31	4,984.23	2,482.13	2,481.06	73.68	4.21	-0.32	-4.19	
7039	90	2	32	4,984.06	2,514.13	2,513.05	74.60	4.39	4.38	-0.31	
7070	90	2	31	4,983.69	2,545.12	2,544.03	75.49	1.96	-1.94	0.32	
7103	90	2	33	4,983.57	2,578.12	2,577.02	76.41	1.36	-1.21	-0.61	
7134	90	2	31	4,983.63	2,609.12	2,608.01	77.25	0.72	-0.65	0.32	
7166	90	0	32	4,983.63	2,641.12	2,640.00	77.81	3.95	1.25	-3.75	
7197	90	0	32	4,983.46	2,673.12	2,672.00	78.03	0.62	0.63	0.00	
7230	90	0	32	4,983.21	2,705.11	2,704.00	78.20	0.70	0.31	-0.63	
7261	90	1	31	4,982.94	2,736.10	2,735.00	78.45	1.61	0.00	1.61	
7293	90	0	32	4,982.71	2,768.10	2,766.99	78.73	1.40	-0.63	-1.25	
7325	90	1	32	4,982.57	2,800.09	2,798.99	78.98	0.99	-0.31	0.94	

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

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0										
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft
						N + / S -	E + / W -			
<< TIE-IN POINT >>										
0	0	0	0	0.00	0.00					
7357	90	0	32	4,982.49	2,832.09	2,830.99	79.23	0.99	-0.31	-0.94
7389	90	0	32	4,982.38	2,864.08	2,862.99	79.37	0.70	0.63	-0.31
7420	91	300	31	4,982.16	2,895.07	2,893.99	79.31	2.04	0.65	1,159.35
7451	90	300	31	4,982.00	2,926.06	2,924.99	79.20	1.82	-1.29	1.29
7483	90	0	32	4,981.89	2,958.05	2,956.99	79.29	1.13	0.63	#####
7515	91	1	32	4,981.66	2,990.04	2,988.99	79.57	1.40	0.63	1.25
7546	90	1	31	4,981.50	3,021.04	3,019.98	80.05	1.82	-1.29	1.29
7578	90	1	32	4,981.50	3,053.04	3,051.98	80.58	1.40	-0.62	-1.25
7610	90	1	32	4,981.53	3,085.04	3,083.97	80.98	0.44	0.31	0.31
7641	90	1	31	4,981.50	3,116.04	3,114.97	81.52	1.33	0.32	1.29
7673	91	2	32	4,981.33	3,148.03	3,146.96	82.47	3.37	1.25	3.13
7705	91	2	32	4,981.03	3,180.03	3,178.93	83.64	0.70	0.31	-0.63
7736	91	2	31	4,980.51	3,211.02	3,209.91	84.67	2.35	2.26	-0.65
7768	91	2	32	4,979.87	3,243.02	3,241.89	85.70	0.99	-0.94	0.31
7800	91	2	32	4,979.31	3,275.01	3,273.86	86.87	1.25	0.00	1.25
7831	90	1	63	4,979.48	3,338.00	3,336.83	88.80	4.05	-3.65	-1.75
7863	89	300	32	4,980.23	3,369.99	3,368.82	89.10	4.07	-0.31	1,120.94
7895	91	1	31	4,980.37	3,400.98	3,399.81	89.27	7.86	7.42	#####
7926	92	300	33	4,979.45	3,433.96	3,432.80	89.44	4.89	4.24	1,088.48
7958	92	308	31	4,978.31	3,464.91	3,463.77	88.95	5.32	-1.29	-5.16
8020	92	308	32	4,977.28	3,496.85	3,495.74	88.03	0.44	-0.31	0.31
8053	92	309	31	4,976.25	3,527.79	3,526.71	87.19	0.72	0.65	0.32
8085	92	308	32	4,975.16	3,559.72	3,558.68	86.24	1.29	-0.31	-1.25
8118	92	308	31	4,974.19	3,590.66	3,589.65	85.30	1.16	-0.65	0.97
8150	92	309	32	4,973.24	3,622.61	3,621.63	84.54	1.56	0.00	1.56
8182	92	309	31	4,972.21	3,653.56	3,652.61	83.98	1.33	1.29	0.32
8214	92	309	32	4,970.95	3,685.51	3,684.58	83.36	1.13	0.94	-0.62
8246	93	308	32	4,969.58	3,717.43	3,716.53	82.53	1.90	0.31	-1.88
8278	91	308	32	4,968.52	3,749.36	3,748.50	81.44	3.87	-3.75	-0.94
8310	91	308	31	4,967.87	3,780.29	3,779.47	80.22	1.16	-0.65	-0.97
8342	91	308	32	4,967.29	3,812.21	3,811.43	78.91	0.44	-0.31	0.31
8374	90	308	32	4,967.04	3,844.15	3,843.41	77.74	3.66	-3.44	1.25
8406	90	308	32	4,967.12	3,876.10	3,875.40	76.70	0.44	-0.31	0.31
8438	90	308	31	4,967.26	3,907.04	3,906.38	75.68	0.72	-0.32	-0.65
8470	90	308	32	4,967.34	3,938.99	3,938.36	74.59	0.99	0.94	0.31
8502	90	309	31	4,967.37	3,969.95	3,969.35	73.80	2.92	-0.32	2.90
8534	90	300	32	4,967.45	4,001.93	4,001.35	73.52	3.14	-0.31	3.13
8566	91	300	32	4,967.53	4,033.92	4,033.35	73.47	0.70	0.31	-0.62
8598	90	300	31	4,967.59	4,064.91	4,064.35	73.41	0.65	0.00	0.65
8630	90	300	32	4,967.64	4,096.89	4,096.35	73.33	0.94	0.00	-0.94
8662	90	300	31	4,967.72	4,127.88	4,127.35	73.11	0.72	-0.32	-0.65
8694	90	309	32	4,967.89	4,159.85	4,159.34	72.72	1.40	-0.63	-1.25
8726	90	309	32	4,968.14	4,191.82	4,191.34	72.14	0.99	-0.31	-0.94
8758	91	309	31	4,968.14	4,222.79	4,222.33	71.62	3.61	3.23	1.61
8790	91	300	32	4,967.64	4,254.77	4,254.33	71.37	2.95	2.50	1.56
8822	91	300	31	4,966.96	4,285.76	4,285.32	71.37	1.33	-0.32	#####
8854	91	300	33	4,966.30	4,318.74	4,318.31	71.37	1.25	-0.30	1,089.70
8886	91	300	31	4,965.79	4,349.72	4,349.31	71.23	1.02	-0.97	-0.32
8918	91	300	32	4,965.31	4,381.71	4,381.30	71.21	1.59	0.31	#####
8950	91	300	31	4,964.94	4,412.70	4,412.30	71.61	3.78	-1.29	3.55
8982	91	300	32	4,964.66	4,444.70	4,444.28	72.53	2.19	0.00	2.19
9014	91	300	32	4,964.40	4,476.70	4,476.26	73.71	0.70	-0.31	0.63
9046	91	300	31	4,964.13	4,507.69	4,507.24	74.90	0.65	0.65	0.00
9078	91	300	32	4,963.80	4,539.69	4,539.21	76.10	0.31	0.00	-0.31
9110	91	300	31	4,963.45	4,570.68	4,570.19	77.29	0.72	0.32	0.65
9142	91	300	33	4,962.99	4,603.68	4,603.16	78.44	1.92	0.61	-1.82
9174	91	300	31	4,962.47	4,634.67	4,634.15	79.36	0.32	0.32	0.00

Section 7
26S 29W

Section 8
26S 29W

350' FWL 345' FNL

BHL: 9320'
-100.52321 37.794373

Bottom Perf: 8947'
-100.52322 37.793327

Section 18
26S 29W

Section 17
26S 29W

Top Perf: 5271'
-100.52313 37.783262

Miss Entry: 4891'
-100.52314 37.782372

UNRUH 2629 1-17H

BLEUMER 2629 1-19H

Section 19
26S 29W

BENJAMIN SWD 2629 2-19

BENJAMIN SWD 2629 1-19

Section 20
26S 29W

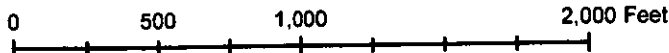


Actual Bottom-Hole Location of Unruh 2629 1-17H
Comanche County, Gray

T&R: 26S 29W

Section: 17, 350' FWL & 345' FNL
Long/Lat: -100.52321 37.794373

1 in = 667 ft



● Actual BH Location

* SandRidge Wells

□ Perf

□ Sections

Draftsman:

Aaron Birk

Draft Date: 12/13/2010

Drawing Name/Number:

Addendum_Unruh_1-17H .mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502