



KANSAS CORPORATION COMMISSION 1069704  
 OIL & GAS CONSERVATION DIVISION

Form ACO-1  
 June 2009

**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: John-Mark Beaver  
 Phone: ( 405 ) 429-5776  
 CONTRACTOR: License # 34464  
 Name: Lariat Services, Inc.  
 Wellsite Geologist: Tammy Alcorn  
 Purchaser: NCRA

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>10/17/2011</u>	<u>10/31/2011</u>	<u>11/28/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21747-01-00

Spot Description: \_\_\_\_\_  
S2 S2 SE SW Sec. 21 Twp. 34 S. R. 6  East  West  
200 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section

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

County: Harper  
 Lease Name: Lake Well #: 1-21H

Field Name: \_\_\_\_\_  
 Producing Formation: Mississippi

Elevation: Ground: 1308 Kelly Bushing: 1296

Total Depth: 9041 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 700 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: 9350 ppm Fluid volume: 3320 bbls

Dewatering method used: Haul Off Pit

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: Triple C Soil Farming

Lease Name: none License #: 99999

Quarter E2 Sec. 9 Twp. 34 S. R. 6  East  West

County: Alfalfa, OK Permit #: 11-19088

**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: 01/26/2012

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: NAOMI JAMES Date: 01/26/2012

Section 17  
34S 6W

Section 16  
34S 6W

Section 15  
34S 6W

350' FNL

BHL: 9041'

-97.976449, 37.07937

1908' FWL

Bottom Perf: 8940'  
-97.976303, 37.067906

Section 21  
34S 6W

Section 21  
34S 6W

Section 20  
34S 6W

Top Perf: 4855'  
-97.976449, 37.079093

LAKE 1-21H

Section 29  
34S 6W

Section 28  
34S 6W

Section 21  
34S 6W



Actual Bottom-Hole Location of Lake 1-21H  
Harper County, Kansas

T&R: 34S 6W

Section: 21, 350' FNL & 1908' FWL

Long: -97.976449, Lat: 37.07937

1 in = 744 ft

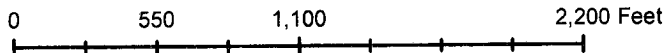


● Actual BH Location

\* SandRidge Wells

--- Perf

▭ Sections



Draftsman:  
Matt White

Draft Date: 1/26/2012

Drawing Name/Number:

Addendum\_Lake\_1-21H.mxd

Coordinate System:

NAD 1927 State Plane  
Kansas South FIPS: 1502

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	DLS/ 100 (deg)	FNL	FSL	FWL	FEL
SHL	0	0	0	0	0	0	0	5080.00	200.00	1980.00	3300.00
BHL	9041	91.70	359.80	4628.45	4729.63	-71.56	0.00	350.37	4929.63	1908.44	3371.56
Miss Entry	4831	57.95	359.13	4623.81	535.05	-5.27	9.51	4544.95	735.05	1974.73	3305.27
Top Perf	4855	60.20	359.80	4636.27	555.56	-5.50	9.68	4524.44	755.56	1974.50	3305.50
Bottom Perf	8940	92.09	359.19	4631.72	4628.69	-70.81	1.36	451.31	4828.69	1909.19	3370.81

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	DLS/ 100 (deg)	FNL	FSL	FWL	FEL
	0	0	0	0	0	0	0	5080.00	200.00	1980.00	3300.00
	235	0	150	235	0	0	0	5080.18	199.82	1980.10	3299.90
	586	0.10	149.70	586.00	-0.71	0.41	0.00	5080.71	199.29	1980.41	3299.59
	740	0.20	149.70	740.00	-1.05	0.62	0.06	5081.05	198.95	1980.62	3299.38
	785	0.30	149.70	785.00	-1.22	0.72	0.22	5081.22	198.78	1980.72	3299.28
	1282	0.40	130.50	1281.99	-3.47	2.69	0.03	5083.47	196.53	1982.69	3297.31
	1724	0.30	58.90	1723.98	-3.88	4.85	0.09	5083.88	196.12	1984.85	3295.15
	2193	0.50	198.70	2192.98	-5.18	5.25	0.16	5085.18	194.82	1985.25	3294.75
	2672	0.70	146.80	2671.95	-9.61	6.18	0.12	5089.61	190.39	1986.18	3293.82
	3146	0.40	66.10	3145.94	-11.36	9.28	0.16	5091.36	188.64	1989.28	3290.72
	3621	1.10	173.30	3620.91	-15.22	11.33	0.27	5095.22	184.78	1991.33	3288.67
	3649	0.80	176.30	3648.90	-15.68	11.37	1.09	5095.68	184.32	1991.37	3288.63
	3685	0.40	196.20	3684.90	-16.05	11.35	1.24	5096.05	183.95	1991.35	3288.65
	3716	0.90	6.00	3715.90	-15.91	11.35	4.18	5095.91	184.09	1991.35	3288.65
	3748	2.30	358.60	3747.89	-15.02	11.36	4.41	5095.02	184.98	1991.36	3288.64
	3779	3.60	352.90	3778.85	-13.43	11.22	4.29	5093.43	186.57	1991.22	3288.78
	3811	4.80	357.40	3810.76	-11.10	11.04	3.89	5091.10	188.90	1991.04	3288.96
	3843	6.40	1.80	3842.61	-7.98	11.03	5.17	5087.98	192.02	1991.03	3288.97
	3875	7.80	4.10	3874.36	-4.03	11.25	4.46	5084.03	195.97	1991.25	3288.75
	3906	8.80	2.20	3905.03	0.44	11.49	3.34	5079.56	200.44	1991.49	3288.51
	3938	10.10	1.20	3936.60	5.69	11.64	4.09	5074.31	205.69	1991.64	3288.36
	3970	12.00	359.00	3968.01	11.82	11.64	6.08	5068.18	211.82	1991.64	3288.36
	4001	13.70	357.00	3998.23	18.71	11.39	5.67	5061.29	218.71	1991.39	3288.61
	4033	16.50	358.90	4029.12	27.04	11.11	8.88	5052.96	227.04	1991.11	3288.89
	4065	19.20	359.70	4059.58	36.84	10.99	8.47	5043.16	236.84	1990.99	3289.01
	4097	21.80	359.20	4089.55	48.05	10.88	8.14	5031.95	248.05	1990.88	3289.12
	4128	24.20	359.20	4118.08	60.16	10.71	7.74	5019.84	260.16	1990.71	3289.29

4160	26.00	359.50	4147.06	73.73	10.56	5.64	5006.27	273.73	1990.56	3289.44
4191	27.90	359.40	4174.69	87.78	10.42	6.13	4992.22	287.78	1990.42	3289.58
4223	30.20	359.70	4202.66	103.32	10.30	7.20	4976.68	303.32	1990.30	3289.70
4254	32.40	359.80	4229.15	119.42	10.23	7.10	4960.58	319.42	1990.23	3289.77
4286	34.10	359.70	4255.91	136.97	10.16	5.32	4943.03	336.97	1990.16	3289.84
4318	35.70	359.40	4282.15	155.27	10.01	5.03	4924.73	355.27	1990.01	3289.99
4349	38.30	359.60	4306.91	173.93	9.85	8.40	4906.07	373.93	1989.85	3290.15
4381	40.60	359.10	4331.62	194.26	9.62	7.26	4885.74	394.26	1989.62	3290.38
4413	43.40	359.50	4355.40	215.67	9.36	8.79	4864.33	415.67	1989.36	3290.64
4443	46.30	359.10	4376.66	236.82	9.10	9.71	4843.18	436.82	1989.10	3290.90
4475	48.50	358.40	4398.32	260.37	8.58	7.06	4819.63	460.37	1988.58	3291.42
4507	49.00	357.90	4419.42	284.41	7.80	1.95	4795.59	484.41	1987.80	3292.20
4538	50.40	357.60	4439.47	308.04	6.87	4.58	4771.96	508.04	1986.87	3293.13
4570	50.20	356.90	4459.91	332.63	5.69	1.80	4747.37	532.63	1985.69	3294.31
4602	49.60	356.40	4480.52	357.07	4.26	2.22	4722.93	557.07	1984.26	3295.74
4633	49.20	356.00	4500.70	380.55	2.70	1.62	4699.45	580.55	1982.70	3297.30
4665	48.70	355.80	4521.71	404.62	0.98	1.63	4675.38	604.62	1980.98	3299.02
4697	48.60	356.00	4542.85	428.58	-0.74	0.56	4651.42	628.58	1979.26	3300.74
4729	50.40	356.70	4563.63	452.86	-2.29	5.87	4627.14	652.86	1977.71	3302.29
4760	52.10	357.10	4583.04	477.00	-3.59	5.58	4603.00	677.00	1976.41	3303.59
4792	54.30	358.40	4602.21	502.61	-4.59	7.61	4577.39	702.61	1975.41	3304.59
4823	57.20	358.90	4619.65	528.22	-5.20	9.45	4551.78	728.22	1974.80	3305.20
4855	60.20	359.80	4636.27	555.56	-5.50	9.68	4524.44	755.56	1974.50	3305.50
4887	65.50	359.90	4650.87	584.02	-5.58	16.56	4495.98	784.02	1974.42	3305.58
4919	70.30	0.10	4662.91	613.66	-5.58	15.01	4466.34	813.66	1974.42	3305.58
4950	73.80	359.70	4672.46	643.15	-5.63	11.36	4436.85	843.15	1974.37	3305.63
4982	77.30	359.10	4680.44	674.13	-5.95	11.09	4405.87	874.13	1974.05	3305.95
5014	80.10	358.80	4686.71	705.50	-6.53	8.80	4374.50	905.50	1973.47	3306.53
5045	83.10	358.90	4691.24	736.16	-7.14	9.68	4343.84	936.16	1972.86	3307.14
5125	88.80	359.10	4696.89	815.91	-8.54	7.13	4264.09	1015.91	1971.46	3308.54
5157	89.60	358.90	4697.33	847.91	-9.09	2.58	4232.09	1047.91	1970.91	3309.09
5188	90.10	359.50	4697.42	878.90	-9.53	2.52	4201.10	1078.90	1970.47	3309.53
5252	91.60	359.90	4696.47	942.89	-9.86	2.43	4137.11	1142.89	1970.14	3309.86
5283	92.00	359.30	4695.49	973.88	-10.08	2.33	4106.12	1173.88	1969.92	3310.08
5313	91.60	359.90	4694.55	1003.86	-10.29	2.40	4076.14	1203.86	1969.71	3310.29
5347	91.20	359.60	4693.72	1037.85	-10.44	1.47	4042.15	1237.85	1969.56	3310.44
5442	91.90	359.60	4691.15	1132.81	-11.10	0.74	3947.19	1332.81	1968.90	3311.10
5537	90.90	359.10	4688.83	1227.78	-12.18	1.18	3852.22	1427.78	1967.82	3312.18
5633	91.40	359.60	4686.90	1323.75	-13.27	0.74	3756.25	1523.75	1966.73	3313.27
5728	91.60	359.70	4684.42	1418.72	-13.85	0.24	3661.28	1618.72	1966.15	3313.85

5823	90.70	359.60	4682.51	1513.69	-14.43	0.95	3566.31	1713.69	1965.57	3314.43
5918	91.70	359.10	4680.52	1608.66	-15.50	1.18	3471.34	1808.66	1964.50	3315.50
6013	92.60	358.90	4676.96	1703.58	-17.16	0.97	3376.42	1903.58	1962.84	3317.16
6108	91.60	359.10	4673.47	1798.50	-18.82	1.07	3281.50	1998.50	1961.18	3318.82
6203	89.80	359.50	4672.31	1893.48	-19.98	1.94	3186.52	2093.48	1960.02	3319.98
6298	91.50	360.00	4671.24	1988.47	-20.39	1.87	3091.53	2188.47	1959.61	3320.39
6393	92.90	359.70	4667.59	2083.40	-20.64	1.51	2996.60	2283.40	1959.36	3320.64
6488	92.00	0.00	4663.53	2178.31	-20.89	1.00	2901.69	2378.31	1959.11	3320.89
6584	89.00	0.30	4662.69	2274.30	-20.64	3.14	2805.70	2474.30	1959.36	3320.64
6679	89.20	0.60	4664.18	2369.28	-19.89	0.38	2710.72	2569.28	1960.11	3319.89
6774	90.60	359.90	4664.35	2464.28	-19.48	1.65	2615.72	2664.28	1960.52	3319.48
6869	91.30	359.40	4662.77	2559.26	-20.06	0.91	2520.74	2759.26	1959.94	3320.06
6965	93.30	0.20	4658.92	2655.18	-20.39	2.24	2424.82	2855.18	1959.61	3320.39
7059	93.40	359.10	4653.43	2749.02	-20.96	1.17	2330.98	2949.02	1959.04	3320.96
7154	92.00	358.10	4648.95	2843.88	-23.28	1.81	2236.12	3043.88	1956.72	3323.28
7249	91.90	357.70	4645.72	2938.76	-26.76	0.43	2141.24	3138.76	1953.24	3326.76
7345	91.40	356.90	4642.96	3034.61	-31.28	0.98	2045.39	3234.61	1948.72	3331.28
7440	91.90	357.80	4640.22	3129.47	-35.67	1.08	1950.53	3329.47	1944.33	3335.67
7535	90.20	357.80	4638.48	3224.38	-39.32	1.79	1855.62	3424.38	1940.68	3339.32
7630	89.60	358.00	4638.65	3319.32	-42.80	0.67	1760.68	3519.32	1937.20	3342.80
7725	89.00	357.60	4639.81	3414.24	-46.45	0.76	1665.76	3614.24	1933.55	3346.45
7820	89.40	358.20	4641.13	3509.16	-49.93	0.76	1570.84	3709.16	1930.07	3349.93
7915	90.00	357.30	4641.63	3604.09	-53.66	1.14	1475.91	3804.09	1926.34	3353.66
8010	89.50	357.80	4642.04	3699.00	-57.72	0.74	1381.00	3899.00	1922.28	3357.72
8105	90.60	358.40	4641.96	3793.95	-60.87	1.32	1286.05	3993.95	1919.13	3360.87
8200	90.70	358.20	4640.88	3888.90	-63.69	0.24	1191.10	4088.90	1916.31	3363.69
8295	90.60	359.60	4639.81	3983.87	-65.51	1.48	1096.13	4183.87	1914.49	3365.51
8389	90.00	359.80	4639.31	4077.87	-66.00	0.67	1002.13	4277.87	1914.00	3366.00
8485	92.10	359.80	4637.56	4173.85	-66.34	2.19	906.15	4373.85	1913.66	3366.34
8580	91.20	359.40	4634.82	4268.80	-67.00	1.04	811.20	4468.80	1913.00	3367.00
8770	88.50	359.40	4635.32	4458.78	-68.99	1.42	621.22	4658.78	1911.01	3368.99
8866	92.40	359.50	4634.56	4554.75	-69.91	4.06	525.25	4754.75	1910.09	3369.91
8961	92.00	359.10	4630.92	4649.67	-71.07	0.60	430.33	4849.67	1908.93	3371.07
8995	91.70	359.80	4629.82	4683.65	-71.40	2.24	396.35	4883.65	1908.60	3371.40
9041	91.70	359.80	4628.45	4729.63	-71.56	0.00	350.37	4929.63	1908.44	3371.56