



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1224865
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1224865

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Kenneth 3306 2-11H
Doc ID	1224865

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		750 gals 15% HCL Acid, 977 bbls Fresh Slickwater	9070
		750 gals 15% HCL Acid, 2098 bbls Fresh Slickwater	8930
		750 gals 15% HCL Acid, 2216 bbls Fresh Slickwater	8790
		750 gals 15% HCL Acid, 2024 bbls Fresh Slickwater	8650
		750 gals 15% HCL Acid, 2039 bbls Fresh Slickwater	8510
		750 gals 15% HCL Acid, 2081 bbls Fresh Slickwater	8368
		750 gals 15% HCL Acid, 2101 bbls Fresh Slickwater	8228
		750 gals 15% HCL Acid, 2095 bbls Fresh Slickwater	8088
		750 gals 15% HCL Acid, 2023 bbls Fresh Slickwater	7950
		750 gals 15% HCL Acid, 1985 bbls Fresh Slickwater	7815

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Kenneth 3306 2-11H
Doc ID	1224865

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		750 gals 15% HCL Acid, 2017 bbls Fresh Slickwater	7674
		750 gals 15% HCL Acid, 2085 bbls Fresh Slickwater	7534
		750 gals 15% HCL Acid, 2040 bbls Fresh Slickwater	7389
		750 gals 15% HCL Acid, 2031 bbls Fresh Slickwater	7248
		750 gals 15% HCL Acid, 2637 bbls Fresh Slickwater	7110
		750 gals 15% HCL Acid, 1317 bbls Fresh Slickwater	6968
		750 gals 15% HCL Acid, 1897 bbls Fresh Slickwater	6834
		750 gals 15% HCL Acid, 1961 bbls Fresh Slickwater	6700
		750 gals 15% HCL Acid, 2024 bbls Fresh Slickwater	6558
		750 gals 15% HCL Acid, 2475 bbls Fresh Slickwater	6416

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Kenneth 3306 2-11H
Doc ID	1224865

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		750 gals 15% HCL Acid, 1652 bbls Fresh Slickwater	6276
		750 gals 15% HCL Acid, 2864 bbls Fresh Slickwater	6134
		750 gals 15% HCL Acid, 1492 bbls Fresh Slickwater	5997
		750 gals 15% HCL Acid, 2043 bbls Fresh Slickwater	5858
		750 gals 15% HCL Acid, 2019 bbls Fresh Slickwater	5716
		750 gals 15% HCL Acid, 1979 bbls Fresh Slickwater	5579
		750 gals 15% HCL Acid, 2503 bbls Fresh Slickwater	5441
		750 gals 15% HCL Acid, 1400 bbls Fresh Slickwater	5310
		750 gals 15% HCL Acid, 2340 bbls Fresh Slickwater	5172
		750 gals 15% HCL Acid, 4150 bbls Fresh Slickwater	5070

Directional Survey Calculations	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410	4884	1380	3877
BHL	9089	90.30	175.20	4444.47	-4558.52	-858.88	4638.63	0.00	4952	341	432	4784
Miss Entry	4663	67.73	194.51	4404.62	-143.76	-905.38	314.19	14.20	537	4756	472	4784
Top Perf	4686	70.71	193.59	4412.62	-164.68	-910.56	335.72	13.72	557	4735	466	4790
Bottom Perf	9089	90.30	175.20	4444.47	-4558.52	-858.88	4638.63	0.00	4952	341	432	4784

Survey Points		X	Y	Surface XY		X	Y	m	
NW Corner XY Coord	2160814	193339						North Line slope	0.0195817
SW Corner XY Coord	2160918	188049			2162201.7	192955.7		East Line slope	-0.010568
NE Corner XY Coord	2166074	193442						South Line slope	0.0180353
SE Corner XY Coord	2166130	188143						West Line slope	-0.0196597

	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0	0	0	410	4884	1380	3877
	250	0.60	218.20	250.00	-1.0	-0.8	1.16	0.24	411	4883	1379	3878
	500	0.10	218.20	499.99	-2.2	-1.8	2.52	0.20	413	4881	1378	3879
	680	0.30	218.20	679.99	-2.7	-2.1	3.08	0.11	413	4881	1378	3880
	776	0.10	218.20	775.99	-3.0	-2.3	3.38	0.21	413	4881	1378	3880
	867	0.10	113.20	866.99	-3.1	-2.3	3.47	0.17	414	4881	1378	3880
	958	2.40	280.00	957.96	-2.8	-4.1	3.52	2.74	413	4881	1376	3882
	1051	4.70	291.20	1050.78	-1.1	-9.6	2.88	2.57	411	4883	1371	3887
	1142	6.60	289.90	1141.33	2.1	-18.0	1.41	2.09	408	4886	1362	3895
	1235	5.80	290.70	1233.79	5.5	-27.4	-0.20	0.87	404	4890	1353	3905
	1328	6.50	285.70	1326.25	8.6	-36.9	-1.42	0.95	401	4893	1343	3914
	1421	7.90	286.90	1418.52	11.9	-48.1	-2.51	1.51	398	4896	1332	3925
	1516	9.30	285.30	1512.45	15.8	-61.7	-3.75	1.49	393	4900	1319	3939
	1611	10.50	282.10	1606.03	19.7	-77.6	-4.48	1.39	389	4905	1303	3955
	1705	12.00	283.40	1698.22	23.7	-95.5	-5.05	1.62	385	4909	1285	3973
	1800	13.90	283.70	1790.80	28.7	-116.2	-5.99	2.00	379	4914	1265	3993
	1895	15.20	285.40	1882.75	34.7	-139.3	-7.48	1.44	373	4921	1242	4016
	1990	16.40	283.40	1974.16	41.2	-164.3	-8.98	1.39	366	4928	1217	4041
	2085	16.70	284.90	2065.23	47.8	-190.5	-10.47	0.55	359	4935	1191	4067
	2180	17.00	287.60	2156.15	55.5	-217.0	-12.98	0.88	351	4943	1164	4094
	2274	16.30	290.40	2246.21	64.2	-242.4	-16.70	1.13	341	4952	1139	4119
	2369	14.60	290.10	2337.77	73.0	-266.2	-20.77	1.79	332	4961	1115	4143
	2464	15.10	289.00	2429.60	81.1	-289.1	-24.37	0.60	324	4970	1093	4166
	2558	16.80	288.70	2519.98	89.5	-313.6	-27.89	1.81	315	4979	1068	4190
	2652	17.80	289.70	2609.73	98.7	-340.0	-31.87	1.11	305	4988	1042	4216
	2747	18.80	292.00	2699.92	109.3	-367.8	-36.98	1.30	294	4999	1014	4244
	2842	16.40	292.80	2790.47	120.2	-394.4	-42.63	2.54	283	5011	988	4271
	2936	14.90	290.90	2880.98	129.7	-417.9	-47.41	1.69	273	5021	965	4294
	3031	16.30	289.30	2972.48	138.5	-441.9	-51.43	1.54	263	5030	941	4318
	3126	15.70	289.80	3063.80	147.2	-466.6	-55.31	0.65	254	5039	916	4342
	3220	14.10	292.30	3154.64	155.9	-489.1	-59.49	1.83	245	5048	894	4365
	3315	15.40	290.50	3246.50	164.7	-511.7	-63.83	1.45	236	5057	872	4387
	3410	15.00	288.20	3338.18	172.9	-535.2	-67.45	0.76	227	5066	848	4411
Top of Tangent @ 4888'	3504	15.20	287.10	3428.94	180.4	-558.5	-70.27	0.37	219	5074	825	4434
	3598	15.00	283.80	3519.69	186.9	-582.1	-72.17	0.94	212	5081	802	4458
	3693	14.60	283.20	3550.63	188.8	-590.0	-72.52	1.34	210	5083	794	4465
	3661	15.10	280.60	3580.60	190.4	-597.8	-72.64	2.69	208	5085	786	4473
	3693	15.90	277.80	3611.43	191.8	-606.2	-72.36	3.42	207	5086	778	4482
Btm of Tangent @ 5088'	3724	16.30	275.60	3641.22	192.8	-614.8	-71.71	2.35	206	5087	769	4490
	3756	16.90	274.10	3671.88	193.6	-623.9	-70.73	2.30	205	5088	760	4499
	3788	17.90	271.80	3702.42	194.1	-633.4	-69.38	3.79	204	5089	751	4509
	3819	18.60	268.70	3731.86	194.1	-643.2	-67.56	3.86	204	5089	741	4519
	3851	18.50	264.80	3762.20	193.5	-653.3	-65.05	3.89	204	5089	731	4529
	3882	19.00	261.50	3791.55	192.3	-663.2	-61.99	3.78	205	5088	721	4539
	3914	20.20	260.00	3821.70	190.6	-673.8	-58.27	4.07	207	5086	710	4549
	3945	21.80	258.00	3850.64	188.5	-684.7	-54.10	5.65	209	5084	699	4560
	3977	22.40	255.00	3880.29	185.7	-696.4	-49.10	3.99	211	5082	687	4572
	4002	22.20	251.50	3903.42	182.9	-705.5	-44.68	5.37	214	5079	678	4581
	4034	22.00	247.30	3933.07	178.7	-716.7	-38.38	4.98	218	5075	667	4592
	4066	22.20	242.80	3962.72	173.6	-727.6	-31.31	5.33	223	5070	656	4603
	4097	22.30	237.60	3991.42	167.8	-737.8	-23.64	6.36	228	5065	646	4613
	4129	22.60	233.30	4020.99	160.9	-747.9	-14.92	5.22	235	5058	635	4624
	4160	23.40	229.50	4049.53	153.3	-757.3	-5.69	5.44	242	5051	626	4633
	4192	24.40	225.90	4078.79	144.6	-766.9	4.70	5.52	251	5042	616	4643
	4223	25.70	222.30	4108.87	135.1	-776.0	15.70	6.46	260	5033	607	4652
	4255	27.30	220.00	4135.51	124.4	-785.4	28.05	5.94	271	5022	597	4662
	4287	29.90	217.50	4163.60	112.4	-795.0	41.62	8.94	282	5010	587	4671
	4318	33.10	214.40	4190.04	99.3	-804.5	56.31	11.57	295	4997	578	4681
	4349	36.60	210.80	4215.47	84.4	-814.0	72.78	13.09	310	4983	568	4691
	4381	40.40	207.80	4240.52	67.0	-823.7	91.69	13.23	327	4965	558	4700
	4413	44.10	206.30	4264.20	47.9	-833.5	112.37	11.98	346	4946	548	4710
	4444	47.60	205.60	4285.79	27.9	-843.2	133.86	11.41	366	4927	537	4720
	4475	50.60	204.20	4306.08	6.6	-853.1	156.60	10.26	387	4906	527	4730
	4507	53.40	202.10	4325.78	-16.6	-863.0	181.26	10.16	410	4883	517	4741
	4539	55.80	201.20	4344.32	-40.8	-872.6	206.89	7.84	434	4858	507	4750

Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
4570	57.60	199.20	4361.34	-65.1	-881.6	232.47	7.92	458	4834	497	4760
4602	60.40	197.60	4377.82	-91.2	-890.2	259.66	9.74	484	4808	488	4769
4633	63.70	196.20	4392.35	-117.4	-898.2	286.90	11.37	510	4782	480	4777
4665	68.00	194.40	4405.44	-145.5	-905.9	316.01	14.38	538	4754	471	4785
4696	72.00	193.20	4416.04	-173.8	-912.8	345.10	13.41	566	4726	464	4792
4727	75.30	192.00	4424.77	-202.8	-919.3	374.83	11.27	595	4697	457	4799
4759	79.40	191.60	4431.77	-233.4	-925.7	406.04	12.87	626	4667	450	4806
4790	82.20	189.60	4436.73	-263.5	-931.3	436.64	11.05	656	4637	444	4812
4822	84.10	186.70	4440.54	-294.9	-935.8	468.37	10.78	687	4606	439	4816
4854	85.50	184.50	4443.45	-326.6	-938.9	500.09	8.12	719	4574	435	4820
4885	86.80	182.10	4445.53	-357.5	-940.7	530.74	8.79	750	4543	432	4822
4917	87.40	180.30	4447.15	-389.5	-941.4	562.23	5.92	781	4511	431	4823
4949	88.00	180.10	4448.43	-421.4	-941.5	593.63	1.98	813	4479	430	4823
4980	88.90	178.80	4449.27	-452.4	-941.2	623.99	5.10	844	4448	430	4823
5013	89.30	178.10	4449.79	-485.4	-940.3	656.19	2.44	877	4415	430	4823
5044	89.40	178.40	4450.14	-516.4	-939.3	686.42	1.02	908	4384	431	4822
5076	89.50	178.20	4450.45	-548.4	-938.4	717.64	0.70	940	4352	431	4822
5091	89.80	178.20	4450.54	-563.4	-937.9	732.26	2.00	955	4337	431	4821
5173	90.80	177.90	4450.11	-645.3	-935.1	812.17	1.27	1037	4255	432	4819
5235	89.80	177.90	4449.78	-707.3	-932.8	872.55	1.61	1099	4193	433	4818
5329	92.00	177.40	4448.31	-801.2	-929.0	963.98	2.40	1193	4099	435	4815
5424	92.00	177.50	4444.99	-896.0	-924.8	1056.27	0.11	1288	4004	438	4812
5519	91.70	178.40	4441.93	-990.9	-921.4	1148.76	1.00	1383	3909	439	4809
5614	90.90	179.70	4439.77	-1085.9	-919.8	1241.67	1.61	1478	3814	439	4809
5709	90.80	179.90	4438.36	-1180.8	-919.5	1334.85	0.24	1573	3719	437	4809
5803	90.30	180.50	4437.46	-1274.8	-919.8	1427.17	0.83	1667	3625	435	4811
5898	89.90	181.00	4437.29	-1369.8	-921.0	1520.65	0.67	1762	3530	432	4813
5992	90.40	181.50	4437.05	-1463.8	-923.1	1613.28	0.75	1856	3436	428	4816
6086	89.80	180.60	4436.88	-1557.8	-924.8	1705.86	1.15	1950	3342	425	4819
6181	88.70	180.70	4438.13	-1652.8	-925.9	1799.30	1.16	2045	3247	422	4821
6276	88.60	179.70	4440.36	-1747.8	-926.2	1892.58	1.06	2140	3153	420	4822
6371	88.40	179.60	4442.85	-1842.7	-925.6	1985.69	0.24	2235	3058	418	4823
6466	89.20	180.10	4444.84	-1937.7	-925.4	2078.86	0.99	2330	2963	417	4823
6560	90.30	179.90	4445.25	-2031.7	-925.4	2171.13	1.19	2424	2869	415	4824
6656	89.70	179.50	4445.25	-2127.7	-924.9	2265.26	0.75	2520	2773	413	4825
6751	90.60	179.70	4445.00	-2222.7	-924.2	2358.38	0.97	2615	2678	412	4825
6845	89.00	179.30	4445.33	-2316.7	-923.4	2450.48	1.75	2709	2584	411	4825
6940	88.60	178.40	4447.32	-2411.6	-921.5	2543.32	1.04	2804	2489	411	4824
7035	87.30	178.40	4450.72	-2506.5	-918.9	2635.97	1.37	2899	2394	412	4823
7130	87.00	178.00	4455.44	-2601.4	-915.9	2728.48	0.53	2994	2299	413	4821
7224	87.00	178.10	4460.36	-2695.2	-912.7	2819.96	0.11	3088	2205	415	4819
7319	88.60	178.40	4464.01	-2790.1	-909.8	2912.54	1.71	3183	2110	416	4817
7413	92.70	178.70	4462.94	-2884.0	-907.4	3004.29	4.37	3277	2016	416	4815
7508	91.80	178.70	4459.21	-2978.9	-905.2	3097.03	0.95	3372	1921	416	4814
7602	91.60	178.70	4456.42	-3072.9	-903.1	3188.83	0.21	3466	1827	417	4813
7697	92.00	179.30	4453.44	-3167.8	-901.5	3281.70	0.76	3561	1732	416	4812
7792	91.50	179.30	4450.54	-3262.7	-900.3	3374.67	0.53	3656	1637	416	4812
7886	90.30	178.70	4449.06	-3356.7	-898.7	3466.60	1.43	3750	1543	416	4812
7981	89.70	178.70	4449.06	-3451.7	-896.5	3559.41	0.63	3845	1448	416	4810
8075	90.50	180.00	4448.90	-3545.7	-895.4	3651.46	1.62	3939	1354	415	4810
8169	90.30	179.40	4448.24	-3639.7	-894.9	3743.63	0.67	4033	1260	414	4811
8264	90.60	179.10	4447.49	-3734.7	-893.7	3836.63	0.45	4128	1165	413	4811
8359	91.00	178.90	4446.17	-3829.6	-892.0	3929.54	0.47	4223	1070	413	4810
8454	92.30	179.40	4443.43	-3924.6	-890.6	4022.47	1.47	4318	975	412	4810
8548	90.70	179.00	4440.97	-4018.5	-889.3	4114.44	1.75	4412	881	412	4809
8643	90.60	178.10	4439.89	-4113.5	-886.9	4207.19	0.95	4507	786	412	4808
8738	89.30	177.30	4439.98	-4208.4	-883.1	4299.63	1.61	4602	691	414	4805
8832	88.30	176.50	4441.95	-4302.3	-878.0	4390.77	1.36	4696	597	418	4801
8927	89.20	175.80	4444.02	-4397.0	-871.6	4482.56	1.20	4790	502	422	4796
9022	89.90	175.50	4444.76	-4492	-864	4574.16	0.80	4885	407	427	4789
9039	90.30	175.20	4444.74	-4509	-863	4590.53	2.94	4902	390	428	4788
9089	90.30	175.20	4444.47	-4559	-859	4638.63	0.00	4952	341	432	4784

Rig # Soulmac 130


Computer # _____

Driller Jeremy Allen
 Pusher _____
 Helper Matthew
 Helper _____

Company Sand Ridge
 Lease Name Kenneth 3306 1-11H 2L
 City Harper
 County Harper
 State KS

ITEM	DATE	TIME
DEPART SHOP	6-10-14	8:30pm
ARRIVED AT RIG		10:30pm
STARTED JOB		11:00pm
FINISHED JOB	6-11-14	6:00pm
DEPARTED RIG		6:30pm
ARRIVED AT SHOP Location		6:30pm
TOTAL HOURS		(22)

Directions 1-11H 2L 2-11H 2L Rush Job Double Pad

	Depth	X	Diameter		Drill Rig
Conductor					<u>HORIZON 15</u>
Hole	<u>90</u>	X	<u>30</u>	<u>180 ft</u>	
Pipe	<u>90</u>	X	<u>20</u>		
Rat					
Hole	_____	X	_____		
Casing	_____	X	_____		
Mouse					
Hole	<u>75</u>	X	<u>20</u>	<u>150 ft</u>	Drilling Conditions: <u>NO was wet other</u> <u>Dry good drilling</u>
Casing	<u>75</u>	X	<u>16</u>		
Cellar					
Tin Horn	<u>6</u>	X	<u>6</u>	<u>2</u>	

for 2 holes

CEMENT

Yards: 20 Type: _____ Furnished by: Basin

Pumped:	Yes	No <input checked="" type="checkbox"/>	Furnished by: _____	# trucks _____
Mud Truck:	Yes	No <input checked="" type="checkbox"/>	Furnished by: _____	# trucks _____
Water Truck:	Yes	No <input checked="" type="checkbox"/>	Furnished by: _____	# trucks _____
Vac Truck:	Yes	No <input checked="" type="checkbox"/>	Furnished by: _____	# trucks _____

HOLE COVERS: Main # _____ M/R# _____ OLD NEW NONE

17250



Service Contract Receipt
SCHLUMBERGER TECHNOLOGY CORPORATION

Original

Service Contract Number
CLI6-00114

Invoice Mailing Address: SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING ONLY (EDI)		Left District	Date: 30-Jun-2014	Time: 3:00 PM
123 ROBERT S. KERR AVENUE		Arrive Location	Date: 30-Jun-2014	Time: 6:00 PM
OKLAHOMA CITY		Start Job	Date: 30-Jun-2014	Time: 10:00 PM
73102-6406	United States	Complete Job	Date: 30-Jun-2014	Time: 11:00 PM
Customer PO	Contract	Leave Location	Date: 01-Jul-2014	Time: 12:00 AM
AFE	Cust Ref	Arrived District	Date: 01-Jul-2014	Time: 4:00 AM
DC14069		Service Description: Cementing Primary, Primary Surface		
Customer or Authorized Representative Tim Miles		Well Name & Number	Field	
API / UWI	Pricebook	KENNETH 3306 2-11H	STOHRVILLE	
15077220570100	BOJS / WSV_GEOREF_USL_2011_USD_Pressure_Pumping_US_	County / Parish / Block / Borough	State / Province	
		Harper	KS	
		Schlumberger Location	Legal Location	
		El Reno, OK		
		Rig	Horizon 15	
Service Instructions: Provide services, equipment, equipment and materials to safely cement 9 5/8" Surface casing per client specifications. Pump 10 bbl WATER, 210 sks 35:65 PozC + Adds @ 12.4 ppg, 140 sks Class C + Adds @ 14.8 ppg, drop top plug and displace per customer request.				

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER

Item	Description	Quantity	UOM	Price	Discount	Amount
Products						
56702095	Plug, Cementing Top Plastic 9.625 in	1	EA	500.00	47.00%	265.00
D020	Bentonite Extender	1096	LB	0.50	47.00%	290.44
D035-CF	LITEPOZ 3 Extender	74	CF	9.20	47.00%	360.82
D130	Polyester Flake	44	LB	4.40	47.00%	102.61
D903	Cement, Class C	276	CF	22.95	47.00%	3,357.13
S001	Calcium Chloride 77pct concentration	365	LB	1.44	47.00%	278.57
D974	CemNET Conversion	108	BBL	61.53	47.00%	3,521.98
Products Subtotal:						15,427.44
Discount:						7,250.89
Products Total:						8,176.55
Services						
48019000	Bulk Unit, Per Hr on location	16	HR	115.00	47.00%	975.20
48601000	Cement Plug Container	1	JOB	556.40	47.00%	294.89
49100000	Cement Blending Charge	376	CF	2.43	47.00%	484.25
49102000	Transportation, Cement Ton-mile	824	MI	2.16	47.00%	943.32
59200002	Transportation, Mileage Heavy Vehicles	100	MI	5.91	47.00%	313.23
59200005	Transportation, Mileage Light Vehicles	100	MI	3.47	47.00%	183.91
59697004	CemCAT Monitoring System	1	JOB	941.60	47.00%	499.05
102871020	Pump, Casing Cement 0-2000 ft	1	EA	2,396.80	47.00%	1,270.30
102946000	Fuel Surcharge (non-discounted)	3	EA	450.00		1,350.00
107138100	Circulating Equipment before job	1	EA	1,498.00	25.00%	1,123.50
107264001	Regulatory Conformance Charge	3	EA	364.87		1,094.61
48020000	Pump, Cement Add Hr	2	HR	609.90	35.00%	792.87
Services Subtotal:						14,528.73
Discount:						5,203.60
Services Total:						9,325.13

Total (Before Discount):	29,956.17		
Discount:	12,454.49		
Special Discount:	0.00	Estimated Total (USD):	17,501.68

Original



Service Contract Receipt SCHLUMBERGER TECHNOLOGY CORPORATION

Service Contract Number
CLI6-00114

Invoice Mailing Address: SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING ONLY (EDI) 123 ROBERT S. KERR AVENUE OKLAHOMA CITY OK 73102-6406 United States		Left District	Date: 30-Jun-2014	Time: 3:00 PM
		Arrive Location	Date: 30-Jun-2014	Time: 6:00 PM
		Start Job	Date: 30-Jun-2014	Time: 10:00 PM
		Complete Job	Date: 30-Jun-2014	Time: 11:00 PM
		Leave Location	Date: 01-Jul-2014	Time: 12:00 AM
		Arrived District	Date: 01-Jul-2014	Time: 4:00 AM
				Service Description Cementing Primary, Primary Surface
Customer PO	Contract	Well Name & Number	Field	
		KENNETH 3306 2-11H	STOHRVILLE	
AFE	Cust Ref	County / Parish / Block / Borough	State / Province	
DC14069		Harper	KS	
Customer or Authorized Representative		Schlumberger Location	Legal Location	
Tim Miles		El Reno, OK		
API / UWI	Pricebook	Rig		
15077220570100	BOJS / WSV_GEOREF_USL_2011_USD_Pressure_Pumping_US_	Horizon 15		
Service Instructions:				
Provide services, equipment, equipment and materials to safely cement 9 5/8" Surface casing per client specifications. Pump 10 bbl WATER, 210 sks 35:65 PozC + Adds @ 12.4 ppg, 140 sks Class C + Adds @ 14.8 ppg, drop top plug and displace per customer request.				

AFE Number: DC 14069
 Well Name: Kenneth 3306 2-11H
 Code: 830.360
 Amount: \$17,501.88
 Co. Man: Tim Mills
 Co. Man Sig.: [Signature]
 Notes: _____

Estimated Total (USD): 17,501.68

THE ESTIMATED CHARGES AND DATA SHOWN ABOVE ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

THE SERVICES, EQUIPMENT, MATERIALS AND/OR PRODUCTS PROVIDED BY THIS SERVICE CONTRACT RECEIPT HAVE BEEN PERFORMED OR RECEIVED AS SET FORTH ABOVE.

Signature of Customer or Authorized Representative: Validity unknown <small>Signed by Tim Miles 6/30/2014 23:14:29</small> <u>[Signature]</u> Tim Miles _____ Date	Signature of Schlumberger Representative: Validity unknown <small>Signed by Matthew Coulthard 6/30/2014 23:14:28</small> <u>[Signature]</u> Matthew Coulthard _____ Date
--	--

original



Service Contract Receipt
SCHLUMBERGER TECHNOLOGY CORPORATION

Service Contract Number
CL16-00115

Invoice Mailing Address: SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING ONLY (EDI) 123 ROBERT S. KERR AVENUE OKLAHOMA CITY OK 73102-6406 United States		Left District Date: 09-Jul-2014 Time: 7:00 AM
		Arrive Location Date: 09-Jul-2014 Time: 10:00 AM
		Start Job Date: 10-Jul-2014 Time: 3:10 AM
		Complete Job Date: 10-Jul-2014 Time: 4:30 AM
		Leave Location Date: 10-Jul-2014 Time: 5:30 AM
		Arrived District Date: 10-Jul-2014 Time: 9:00 AM
Service Description Cementing Primary, Primary Intermediate		
Customer PO DC-14069	Contract OK	Well Name & Number KENNETH 3306 2-11H
	Cust Ref DC-14069	Field STOHRVILLE
Customer or Authorized Representative SandRidge Repersanitive		County / Parish / Block / Borough Harper
		State / Province KS
API / UWI 15077220570100		Schlumberger Location El Reno, OK
Pricebook BOJS / WSV_GEOREF_USL_2011_USD_Pressure_Pumping_US_		Legal Location El Reno, OK
Rig Horizon 15		
Service Instructions: Provide services, equipment, equipment and materials to safely cement 7" Intermediate casing per client specifications. Pump 30 bbl Gel WATER, 210 sks 50:50 Poz:H + Adds @ 13.6 ppg, 100 sks Class H + Adds @ 15.6 ppg, drop top plug and displace per customer request. Field sample tag# 011282.		

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER

Item	Description	Quantity	UOM	Price	Discount	Amount
Products						
56702070	Plug, Cementing Top Plastic 7 in	1	EA	302.00	47.00%	160.06
B306	PSG Polymer Slurry B306	6	GA	105.00	47.00%	333.90
D013	Retarder	46	LB	2.79	47.00%	68.02
D020	Bentonite Extender	705	LB	0.50	47.00%	186.82
D035-CF	LITEPOZ 3 Extender	106	CF	9.20	47.00%	516.86
D042	KOLITE Lost Circulation Additive	420	LB	0.99	47.00%	220.37
D065	TIC Dispersant	18	LB	7.86	47.00%	74.98
D079	Chemical Extender	35	LB	3.05	47.00%	56.58
D112	FLAC Fluid Loss Additive	106	LB	15.20	47.00%	853.94
D909	Cement, Class H	205	CF	24.13	47.00%	2,621.72
D047	Antifoam Agent	2	GA	72.00	47.00%	76.32
Products Subtotal:					9,753.92	
Discount:					4,584.35	
Products Total:					5,169.57	
Services						
48019000	Bulk Unit, Per Hr on location	16	HR	115.00	47.00%	975.20
48020000	Pump, Cement Add Hr	4	HR	609.90	35.00%	1,585.74
48601000	Cement Plug Container	1	JOB	556.40	47.00%	294.89
49100000	Cement Blending Charge	331	CF	2.43	47.00%	426.29
49102000	Transportation, Cement Ton-mile	1841	MI	2.16	47.00%	2,107.58
59200002	Transportation, Mileage Heavy Vehicles	130	MI	5.91	47.00%	407.20
59200005	Transportation, Mileage Light Vehicles	130	MI	3.47	47.00%	239.08
59697004	CemCAT Monitoring System	1	JOB	941.60	47.00%	499.05
102871055	Pump, Casing Cement 5001-5500 ft	1	EA	3,531.00	47.00%	1,871.43
102946000	Fuel Surcharge (non-discounted)	2	EA	450.00		900.00
107138100	Circulating Equipment before job	1	EA	1,498.00	25.00%	1,123.50
107264001	Regulatory Conformance Charge	2	EA	364.87		729.74
48019000	Bulk Unit, Per Hr on location	2	HR	115.00	35.00%	149.50
48020000	Pump, Cement Add Hr	2	HR	609.90	35.00%	792.87
Services Subtotal:					19,886.43	
Discount:					7,784.36	
Services Total:					12,102.07	



Service Contract Receipt
SCHLUMBERGER TECHNOLOGY CORPORATION

Original

Service Contract Number CLI6-00115
--

Invoice Mailing Address: SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING ONLY (EDI)		Left District	Date: 09-Jul-2014	Time: 7:00 AM
123 ROBERT S. KERR AVENUE		Arrive Location	Date: 09-Jul-2014	Time: 10:00 AM
OKLAHOMA CITY		Start Job	Date: 10-Jul-2014	Time: 3:10 AM
73102-6408	United States	Complete Job	Date: 10-Jul-2014	Time: 4:30 AM
Customer PO	Contract	Leave Location	Date: 10-Jul-2014	Time: 5:30 AM
AFE	Cust Ref	Arrived District	Date: 10-Jul-2014	Time: 9:00 AM
DC-14069		Service Description	Cementing Primary, Primary Intermediate	
Customer or Authorized Representative SandRidge Repersanitive		Well Name & Number	Field	
API / UWI	Pricebook	KENNETH 3306 2-11H	STOHRVILLE	
15077220570100	B0JS / WSV_GEOREF_USL_2011_USD_Pressure_Pumping_US_	County / Parish / Block / Borough	State / Province	
Service Instructions:		Harper	KS	
Provide services, equipment, equipment and materials to safely cement 7" Intermediate casing per client specifications. Pump 30 bbl Gel WATER, 210 sks 50:50 Poz:H + Adds @ 13.6 ppg, 100 sks Class H + Adds @ 15.6 ppg, drop top plug and displace per customer request. Field sample tag# 011262.		Schlumberger Location	Legal Location	
		EI Reno, OK		
		Rlg	Horizon 15	

Total (Before Discount):	29,640.35		
Discount:	12,368.71		
Special Discount:	0.00	Estimated Total (USD):	17,271.64

Estimated Total (USD): 17,271.64

THE ESTIMATED CHARGES AND DATA SHOWN ABOVE ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.			
THE SERVICES, EQUIPMENT, MATERIALS AND/OR PRODUCTS PROVIDED BY THIS SERVICE CONTRACT RECEIPT HAVE BEEN PERFORMED OR RECEIVED AS SET FORTH ABOVE.			
Signature of Customer or Authorized Representative:		Signature of Schlumberger Representative:	
Validity unknown <small>Signed by SandRidge Repersanitive 7/10/2014 05:12:57</small>		Validity unknown <small>Signed by Anthony Cucci 7/10/2014 05:08:38</small>	
_____	Date	_____	Date
SandRidge Repersanitive		Anthony Cucci	

MARSHA 3306 1-11H

HENRY 3306 2-2H

HENRY 3306 3-2H

KENNETH 3306 2-11H



KENNETH 3306 1-11H



MARSHA 3306 2-11H

Miss Entry: 4663'
-97.946632 37.194842

Top Perf: 5070'
-97.946717 37.193740

Section 11
33S 6W

Harper County

FLINN A 3306 1-11



Bottom Perf: 9070'
-97.946175 37.182974

BHL: 9089'
-97.946158 37.182838

432' FWL

341' FSL

Section 14
33S 6W



Actual Bottom-Hole Location of Kenneth 3306 2-11H
T&R: 33S 6W
Section: 11, 432' FWL & 341' FSL
-97.946158 37.182838

1 in = 667 ft



● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

0 500 1,000 2,000 Feet

Draftsman:

Dory Deines

Draft Date: 9/30/2014

Drawing Name/Number:

Addendum_Kenneth 3306 2-11H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/5/2014
Job End Date:	8/6/2014
State:	Kansas
County:	Harper
API Number:	15-077-22057-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Kenneth 3306 2-11H
Longitude:	-97.94316800
Latitude:	37.19526300
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	4,444
Total Base Water Volume (gal):	2,588,586
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Archer	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	95.44676	None
Sand (Proppant)	Archer	Proppant					
			Silica Substrate	NA	100.00000	3.50058	None
Hydrochloric Acid (15%)	Archer	Acidizing					
			Hydrochloric Acid	7647-01-0	15.00000	0.13611	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.00444	None
			Methyl Alcohol	67-56-1	80.00000	0.00115	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00022	None
15% HCL	Allied Oil & Gas Services, LLC	Acidizing					
			Hydrogen Chloride	7647-01-1	36.00000	0.00451	
			Water	7732-18-5	64.00000	0.00451	
AIC	Archer	Liquid Acid Iron Control					
			Acetic Acid	64-19-7	50.00000	0.00255	None
			Citric Acid	77-92-9	30.00000	0.00153	None
Chemflush	Archer	Enviro-Friendly Chemical Flush					

		Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.00120	None
		Alcohol Ethoxylate Surfactants	NA	10.00000	0.00012	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.						
		Other Chemicals				
		Water	7732-18-5		0.05042	
		WATER	7732-18-5		0.02667	
		Anionic Polymer	N/A		0.02521	
		Aliphatic Hydrocarbon	64742-47-8		0.02521	
		TRADE SECRET	N/A		0.01778	
		METHANOL	67-56-1		0.00444	
		ISOPROPANOL	67-63-0		0.00444	
		Polyol Ester	N/A		0.00420	
		Oxyalkylated Alcohol	68002-97-1		0.00420	
		Water	7732-18-5		0.00178	
		Polyglycol Ester	N/A		0.00084	
		Alcohol Ethoxylate Surfactants	N/A		0.00022	
		n-olefins	N/A		0.00012	
		Propargyl Alcohol	107-19-7		0.00009	
		Tetrasodium Ethylenediaminetetraacetate	64-02-8		0.00008	
		Acrylic Polymer	28205-96-1			
		Buffer	N/A			
		Sodium Salt of Phosphate Ester	68131-72-6			
		Water	7732-18-5			
		Water	7732-18-5			
		Acetic Acid	64-19-7			
		Cinnamic Aldehyde	104-55-2			
		Surfactant	N/A			

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)