



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1173726
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: _____



1173726

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Perth 3302 1-1
Doc ID	1173726

Tops

Name	Top	Datum
Base Heebner	2534	-1292
Kansas City	3204	-1962
Cherokee	3662	-2420
Mississippian	3879	-2637
Kinderhook	4184	-2942
Woodford	4231	-2989
Simpson	4259	-3017
Arbuckle	4368	-3126

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/9/2013
Job End Date:	10/9/2013
State:	Kansas
County:	Sumner
API Number:	15-191-22699-00-00
Operator Name:	SandRidge Energy
Well Name and Number:	Perth 3302 1-1
Longitude:	-97.47632891
Latitude:	37.20150580
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	6,187
Total Base Water Volume (gal):	100,310
Total Base Non Water Volume:	9,080



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	Customer	Carrier	Water	7732-18-5	100.00000	86.19725	
White 20/40	Trican	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	100.00000	3.71302	
15% HCL	Trican	Carrier	Hydrochloric acid	7647-01-0	15.00000	1.25229	
Super LC, 20/40 mesh	Trican	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	97.00000	0.90690	
WG-111L (Slurried Guar Gellant)	Trican	Gelling Agent	Phenolic Resin (Phenol, polymer with formaldehyde) hexamethylenetetramine	9003-35-4 100-97-0	5.00000 1.00000	0.04675 0.00935	
S-15 (Surfactant)	Trican	Surfactant	polysaccharide blend Mineral oil/ light hydrotreated pet. distillate	9000-30-0 64742-47-8	60.00000 60.00000	0.25390 0.25390	
SDA-1 (Acid Gellant)	Trican	Diverting Acid	Alcohol alkoxylate Methanol	Proprietary 67-56-1	20.00000 20.00000	0.03679 0.03679	

				Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamide	69418-26-4	70.00000	0.03443
				Mineral oil/ light hydrotreated pet. distillate	64742-47-8	60.00000	0.02951
				Adipic acid	124-04-9	7.00000	0.00344
				Citric acid	77-92-9	7.00000	0.00344
Activator	Trican	Resin Activator		Alcohols, C12-14-secondary, ethoxylated	84133-50-6	70.00000	0.02490
				Methanol	67-56-1	50.00000	0.01779
				Polyethylene glycol	25322-68-3	5.00000	0.00178
LAI-20 (Acid Inhibitor)	Trican	Acid Inhibitor		Methanol	67-56-1	31.00000	0.01123
				alcohol ethoxylate surfactants	Proprietary	30.00000	0.01086
				modified thiourea polymer	68527-49-1	30.00000	0.01086
				n-olefins	Proprietary	10.00000	0.00362
				Prop-2-yn-1-ol	107-19-7	8.00000	0.00290
FEAC-20 (Iron Control)	Trican	Iron Control		Acetic acid	64-19-7	45.00000	0.01551
				Citric acid	77-92-9	30.00000	0.01034
LSI-20 (Scale Inhibitor)	Trican	Scale Inhibitor		organic phosphonic acid salts	Proprietary	20.00000	0.00626
				Methanol	67-56-1	15.00000	0.00470
Magnacide 575 (Biocide)	Trican	Biocide		Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	100.00000	0.00709
				Formaldehyde	50-00-0	0.08000	0.00001
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		Alkylpolyethylene oxyethanol	84133-50-6		
				Sorbitan trioleate	26266-58-0		
				Modified bentonite	68953-58-2		
				Cellulase	9012-54-8		
				Sodium Chloride	7647-14-5		
				Water	7732-18-5		
				propylene carbonate	108-32-7		
				Trade Secret	Proprietary		

* 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)



INVOICE

DATE	INVOICE #
8/27/2013	4172

BILL TO
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

REMIT TO
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
SUMNER, KS	8/24/2013	3247	HORIZON 5	PERTH 3302 1-1	Due on rec...

Description

DRILLED 40' OF 30" CONDUCTOR HOLE
 DRILLED 6' OF 76" HOLE
 FURNISHED AND SET 6' X 6' TINHORN CELLAR
 FURNISHED 40' OF 20" CONDUCTOR PIPE
 FURNISHED 25' MOUSE HOLE SHUCK
 FURNISHED 1 LOAD(S) MUD
 FURNISHED 7 YARDS OF GRADE A CEMENT
 FURNISHED GROUT PUMP
 DRILL MOUSE HOLE

TOTAL BID \$ 10,000.00

Sales Tax (6.65%)	\$99.12
--------------------------	---------

TOTAL	\$10,099.12
--------------	-------------

				Customer SANDRIDGE ENERGY INC			Job Number 1844254				
Well PERTH 3302 1-1			Location (legal)			Schlumberger Location EL RENO			Job Start Aug/28/2013		
Field		Formation Name/Type		Deviation deg		Bit Size 12.3 in		Well MD 285.0 ft		Well TVD 285.0 ft	
County SUMMER		State/Province Oklahoma		BHP psi		BHST 84 degF		BHCT 80 degF		Pore Press. Gradient lb/gal	
Well Master		API/UWI									
Rig Name		Drilled For Oil & Gas		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
						Grade		Thread			
Offshore Zone		Well Class New		Well Type Development		277.5		8.6		24.0	
						0.0		0.0		0.0	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
						Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type SURFACE									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						No. of Shots		Total Interval ft			
Service Instructions						ft		ft			
						ft		ft		Diameter in	
						ft		ft			
						Treat Down Casing		Displacement 15.0 bbl		Packer Type	
						Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl	
						Openhole Vol. bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools				Squeeze Job			
Lift Pressure 126 psi				Shoe Type Guide		Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 277.0 ft		Tool Type					
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft			
Cement Head Type Single						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Aug/28/2013		Arrived on Location Aug/28/2013		Leave Location Aug/28/2013		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 231.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
08/28/2013	02:03:13	-1	0.0	8.34	0.0	Started Acquisition					
08/28/2013	02:06:13	-5	0.0	8.33	0.0						
08/28/2013	02:09:13	620	0.0	8.33	0.0						
08/28/2013	02:12:13	7	0.0	8.33	0.0						
08/28/2013	02:13:08	3	0.0	8.33	0.0	Start Job					
08/28/2013	02:13:12	4	0.0	8.32	0.0	Pressure Test Lines					
08/28/2013	02:13:14	5	0.0	8.32	0.0	Start Pumping Spacer					
08/28/2013	02:15:07	103	5.1	8.39	0.0	End Spacer					
08/28/2013	02:15:10	107	5.1	8.33	0.0	Start Cement Slurry					
08/28/2013	02:15:13	108	5.1	8.27	0.0						
08/28/2013	02:15:15	98	5.0	8.30	0.0	Reset Total, Vol = 11.30 bbl					
08/28/2013	02:18:13	204	5.0	14.80	0.0						
08/28/2013	02:21:13	206	5.1	14.77	0.0						
08/28/2013	02:24:13	210	5.1	14.96	0.0						
08/28/2013	02:24:55	206	5.1	14.67	0.0	End Cement Slurry					
08/28/2013	02:25:00	217	5.1	14.69	0.0	Drop Top Plug					
08/28/2013	02:25:01	217	5.1	14.73	0.0	Start Displacement					
08/28/2013	02:27:13	10	0.0	11.53	0.0						
08/28/2013	02:30:13	143	5.5	9.04	0.0						
08/28/2013	02:33:13	1978	2.8	8.32	0.0						
08/28/2013	02:36:13	5	0.0	8.32	0.0						

Well PERTH 3302 1-1		Field		Job Start Aug/28/2013		Customer SANDRIDGE ENERGY INC		Job Number 1844254	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/28/2013	02:38:39	-1	0.0	8.32	0.0	End Displacement			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
4.4			5.7	49.0	0.0	10.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
3023	-1	349	2000			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	20.0 bbl	
%	0.0 bbl	15.0 bbl	degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft	
Customer or Authorized Representative	Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>		
EDWIN MILLER	NATHAN SMITH		-		-			

Well		Field		Job Start		Customer		Job Number	
Perth 3302 1-1				Sep/01/2013		Sandridge		1844274	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
09/01/2013	15:00:08	403	4.9	8.63	33.1				
09/01/2013	15:00:09					End Spacer			
09/01/2013	15:00:09	403	4.9	8.82	33.2				
09/01/2013	15:00:10					Start Mixing Lead Slurry			
09/01/2013	15:00:10	411	4.9	9.01	33.3				
09/01/2013	15:01:32	532	5.0	13.76	39.9				
09/01/2013	15:03:02	502	5.2	13.80	47.5				
09/01/2013	15:04:32	445	5.3	13.80	55.4				
09/01/2013	15:06:02	388	5.3	13.74	63.3				
09/01/2013	15:07:32	336	5.3	13.72	71.2				
09/01/2013	15:09:02	282	5.2	13.66	79.1				
09/01/2013	15:10:32	209	5.2	13.72	86.9				
09/01/2013	15:12:00					Reset Total, Vol = 60.02 bbl			
09/01/2013	15:12:00	117	4.1	13.75	93.2				
09/01/2013	15:12:02	141	4.1	13.93	93.3				
09/01/2013	15:12:03					End Lead Slurry			
09/01/2013	15:12:03	117	4.2	13.93	93.4				
09/01/2013	15:12:04					Start Mixing Tail Slurry			
09/01/2013	15:12:04	120	4.1	14.02	93.4				
09/01/2013	15:13:32	238	5.0	15.69	100.1				
09/01/2013	15:15:02	192	4.3	16.11	107.4				
09/01/2013	15:16:32	98	2.3	15.80	113.2				
09/01/2013	15:17:13					Reset Total, Vol = 21.59 bbl			
09/01/2013	15:17:13	62	1.5	15.80	114.8				
09/01/2013	15:17:15					End Tail Slurry			
09/01/2013	15:17:15	15	0.9	15.81	114.8				
09/01/2013	15:17:17					Start Wash Up			
09/01/2013	15:17:17	-7	0.8	15.89	114.8				
09/01/2013	15:18:02	-2	0.0	13.80	114.9				
09/01/2013	15:19:32	73	2.3	9.45	115.2				
09/01/2013	15:21:02	195	5.3	8.79	121.4				
09/01/2013	15:22:32	200	5.8	8.15	129.5				
09/01/2013	15:24:02	201	5.7	8.43	138.1				
09/01/2013	15:25:32	-5	0.0	8.43	142.8				
09/01/2013	15:27:02	51	2.2	8.43	144.4				
09/01/2013	15:28:32	94	5.6	8.43	149.0				
09/01/2013	15:29:39					End Wash Up			
09/01/2013	15:29:39	104	6.1	8.43	155.8				
09/01/2013	15:29:41					Reset Total, Vol = 20.22 bbl			
09/01/2013	15:29:41	104	6.2	8.43	156.0				
09/01/2013	15:29:42					Start Displacement			
09/01/2013	15:29:42	106	6.2	8.43	156.1				
09/01/2013	15:29:43					Drop Top Plug			
09/01/2013	15:29:43	105	6.1	8.43	156.2				
09/01/2013	15:30:02	105	6.0	8.43	158.1				
09/01/2013	15:31:32	105	6.1	8.43	167.3				
09/01/2013	15:33:02	103	6.1	8.43	176.5				
09/01/2013	15:34:32	102	6.1	8.43	185.7				
09/01/2013	15:36:02	102	6.0	8.43	194.9				
09/01/2013	15:37:32	393	6.1	8.43	204.1				
09/01/2013	15:39:02	539	6.1	8.43	213.3				
09/01/2013	15:40:32	556	2.3	8.43	222.2				
09/01/2013	15:42:02	556	2.2	8.43	225.5				
09/01/2013	15:43:32	722	2.3	8.43	228.8				

Well		Field		Job Start		Customer		Job Number	
Perth 3302 1-1				Sep/01/2013		Sandridge		1844274	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
09/01/2013	15:46:32	880	2.3	8.42	235.5				
09/01/2013	15:48:02	925	2.3	8.42	238.8				
09/01/2013	15:49:32	1624	0.0	8.43	239.8				
09/01/2013	15:49:43					Bump Top Plug			
09/01/2013	15:49:43	1624	0.0	8.42	239.8				
09/01/2013	15:49:44					End Displacement			
09/01/2013	15:49:44	1625	0.0	8.43	239.8				
09/01/2013	15:49:45					Check Floats			
09/01/2013	15:49:45	1622	0.0	8.43	239.8				
09/01/2013	15:51:02	1628	0.0	8.43	239.8				
09/01/2013	15:52:32	1633	0.0	8.43	239.8				
09/01/2013	15:54:02	1638	0.0	8.43	239.8				
09/01/2013	15:55:32	-1	0.0	8.43	239.8				
09/01/2013	15:56:12					Floats Held			
09/01/2013	15:56:12	-0	0.0	8.43	239.8				
09/01/2013	15:56:15					Reset Total, Vol = 99.78 bbl			
09/01/2013	15:56:15	-1	0.0	8.43	239.8				
09/01/2013	15:56:18					End Job			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.0			6.0	81.9		30.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5000	1612	300	1612				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input type="checkbox"/>	Volume	
		99.9 bbl		Washed Thru Perfs	<input type="checkbox"/>	To	
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input type="checkbox"/>
Edwin Miller	Dustin Green			-		-	