



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1097821
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
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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: _____



1097821

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
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	William 3510 3-11H
Doc ID	1097821

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8688-9072	4319 bbls water, 36 bbls acid, 75M lbssd, 4355 TLTR	
5	8214-8604	4263 bbls water, 36 bbls acid, 75M lbs sd, 8827 TLTR	
5	7728-8119	4374 bbls water, 36 bbls acid, 75M lbs sd, 13304 TLTR	
5	7243-7633	4203 bbls of water, 36 bbls acid, 76M lbs sand, 17693 TLTR	
5	6757-7147	4677 bbls of water, 36 bbls acid, 75M lbs sand, 22478 TLTR	
5	6271-6662	4143 bbls of water, 36 bbls acid, 75M lbs sand, 26731 TLTR	
5	5786-6176	4378 bbls of water, 36 bbls acid, 73M lbs sand, 31206 TLTR	
5	5300-5691	4411 bbls of water, 36 bbls acid, 75M lbs sand, 35617 TLTR	

Form	ACO1 - Well Completion
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Doc ID	1097821

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	75	106	Mid-Continent Conductor 8 Sack Grout	10	none
Surface	12.25	9.63	36	960	O-Tex Lite "Class C"/ Premium Class C	650	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	5273	50/50 POZ Premium/ Premium	230	4% Gel, .4% C-12, .1% C-37, .5% C-41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9211	50/50 Premium Poz	305	(4% gel) .4% C12, .1% C37, .5% C-41P, 2 lb/sk Phenoseal

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 17, 2012

Tiffany Golay
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: ACO1
API 15-007-23953-01-00
William 3510 3-11H
NW/4 Sec.11-35S-10W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

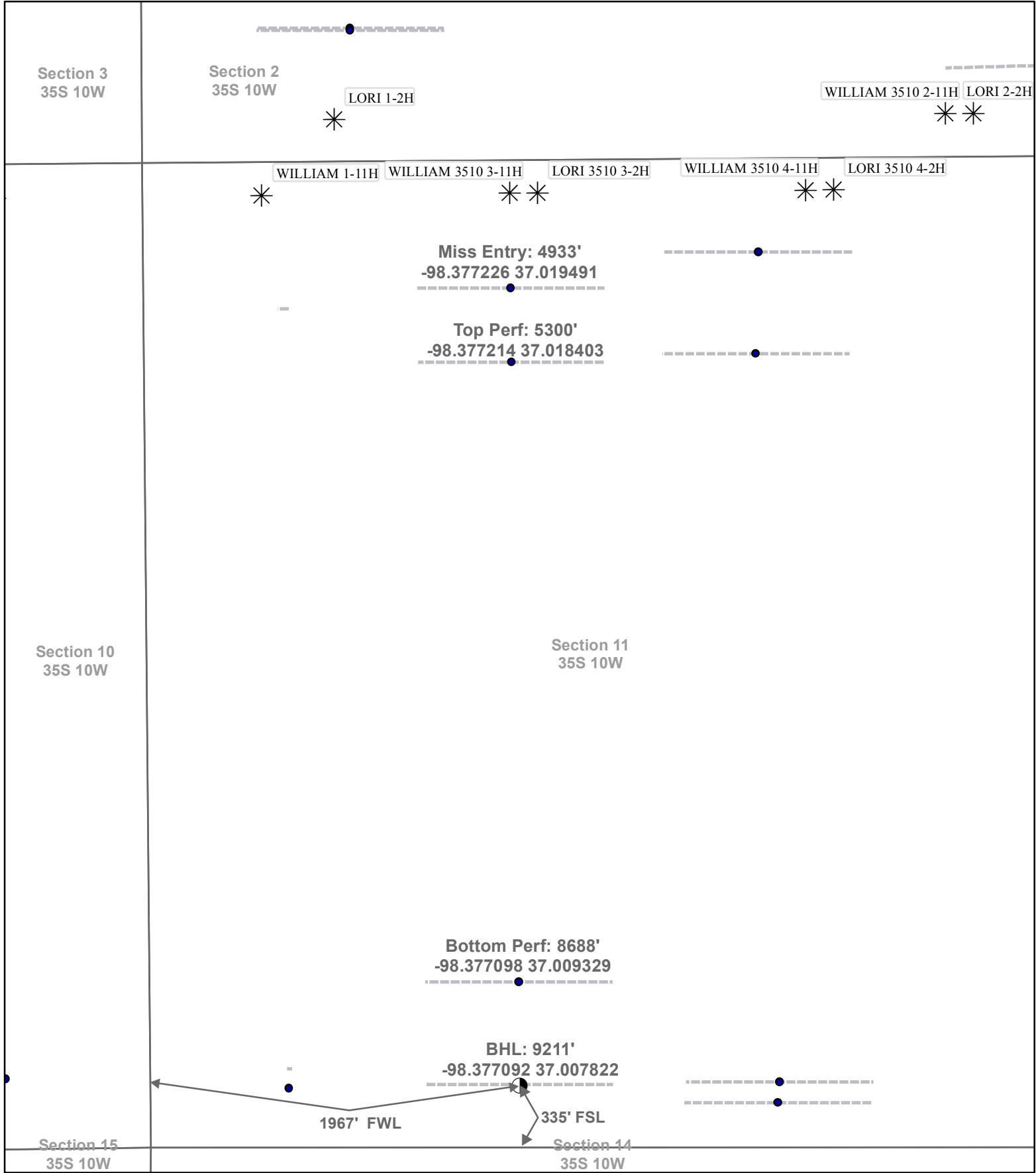
Respectfully,
Tiffany Golay

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	199	5086	1980	3357
BHL	9211	89.50	180.00	4825.09	-4756.31	52.38	4756.59	0.00	4956	330	1978	3354
Miss Entry	4996	60.76	179.52	4786.65	-553.61	8.30	553.67	10.93	753	4533	1982	3355
Top Perf	5300	89.12	179.86	4850.80	-846.84	11.64	846.91	6.46	1046	4239	1982	3355
Bottom Perf	9090	91.90	180.25	4826.21	-4635.34	52.67	4635.64	2.05	4835	451	1980	3353

Survey Points	NW Corner XY Coord	X	Y	Surface XY	X	Y	m					
							North Line slope	East Line slope	South Line slope	West Line slope		
	2033959	129173			2035941	128994	0.01030542	-0.010395	0.00862716	-0.0113593		
	2034019	123891										
	2039296	129228										
	2039351	123937										

	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	199	5086	1980	3357
	970	0.30	278.00	970.00	0.35	-2.51	-0.38	0.03	199	5087	1977	3360
	1432	0.20	305.60	1431.99	0.99	-4.37	-1.04	0.03	198	5087	1976	3362
	1907	0.30	16.00	1906.99	2.67	-4.70	-2.72	0.06	197	5089	1975	3362
	2382	0.10	350.30	2381.98	4.27	-4.43	-4.32	0.05	195	5091	1976	3362
	2859	0.20	244.90	2858.98	4.33	-5.25	-4.39	0.05	195	5091	1975	3363
	3331	0.30	309.10	3330.98	4.76	-6.96	-4.84	0.06	195	5091	1973	3364
	3808	0.50	102.30	3807.97	5.10	-5.89	-5.17	0.16	194	5092	1974	3363
	3898	2.10	171.50	3897.95	3.39	-5.26	-3.45	2.20	196	5090	1975	3363
	3933	4.10	183.60	3932.90	1.51	-5.25	-1.57	5.98	198	5088	1975	3363
	3964	4.70	182.40	3963.81	-0.87	-5.37	0.81	1.96	200	5086	1975	3363
	3996	6.30	178.80	3995.66	-3.93	-5.39	3.87	5.11	203	5083	1975	3363
	4028	8.70	179.60	4027.38	-8.11	-5.33	8.05	7.51	207	5078	1975	3363
	4060	10.70	181.80	4058.92	-13.50	-5.41	13.44	6.36	213	5073	1974	3363
	4090	12.40	181.10	4088.32	-19.50	-5.56	19.44	5.69	219	5067	1974	3363
	4122	14.00	180.70	4119.47	-26.81	-5.67	26.74	5.01	226	5060	1974	3363
	4153	15.30	180.00	4149.46	-34.65	-5.72	34.58	4.23	234	5052	1974	3364
	4185	16.50	180.70	4180.24	-43.42	-5.77	43.35	3.80	243	5043	1974	3364
	4217	17.50	179.10	4210.84	-52.77	-5.75	52.70	3.45	252	5034	1974	3364
	4248	19.20	178.10	4240.26	-62.53	-5.51	62.46	5.58	262	5024	1974	3364
	4280	21.60	178.40	4270.25	-73.68	-5.17	73.61	7.51	273	5013	1974	3363
	4311	23.80	180.10	4298.85	-85.64	-5.03	85.57	7.40	285	5001	1974	3363
	4344	26.40	180.80	4328.73	-99.63	-5.14	99.57	7.93	299	4987	1974	3364
	4375	28.80	179.70	4356.20	-113.99	-5.20	113.93	7.91	313	4972	1973	3364
	4407	31.20	179.10	4383.91	-129.99	-5.03	129.93	7.56	329	4956	1973	3364
	4438	33.00	179.10	4410.17	-146.46	-4.77	146.40	5.81	346	4940	1974	3364
	4470	35.70	180.20	4436.59	-164.51	-4.66	164.45	8.66	364	4922	1973	3364
	4502	38.40	179.20	4462.13	-183.79	-4.56	183.73	8.64	383	4903	1973	3364
	4533	40.50	179.40	4486.06	-203.49	-4.32	203.43	6.79	403	4883	1973	3364
	4565	42.30	177.90	4510.06	-224.64	-3.81	224.58	6.42	424	4862	1974	3364
	4597	44.60	177.40	4533.29	-246.63	-2.91	246.58	7.27	446	4840	1974	3363
	4629	46.40	177.30	4555.72	-269.43	-1.85	269.39	5.63	469	4817	1975	3362
Top of Tangent @ 4695'	4660	48.50	177.70	4576.68	-292.24	-0.86	292.21	6.84	492	4794	1976	3361
	4755	49.70	177.50	4638.88	-363.98	2.15	363.98	1.27	563	4722	1978	3359
	4819	49.00	177.40	4680.58	-412.49	4.31	412.51	1.10	612	4674	1980	3357
Btm of Tangent @ 4869'	4851	48.60	177.00	4701.65	-436.54	5.49	436.57	1.56	636	4650	1980	3356
	4882	50.70	177.60	4721.72	-460.14	6.60	460.18	6.93	660	4626	1981	3356
	4913	52.40	178.50	4741.00	-484.40	7.42	484.45	5.94	684	4602	1982	3355
	4942	55.20	179.20	4758.13	-507.79	7.89	507.85	9.85	707	4579	1982	3355
	4977	58.50	179.70	4777.26	-537.09	8.17	537.15	9.50	737	4549	1982	3355
	5009	62.30	179.40	4793.07	-564.91	8.39	564.97	11.90	764	4521	1982	3355
	5038	65.70	178.90	4805.78	-590.97	8.77	591.03	11.83	790	4495	1982	3355
	5072	70.00	179.50	4818.59	-622.45	9.21	622.51	12.75	822	4464	1982	3355
	5104	73.80	179.70	4828.53	-652.86	9.42	652.92	11.89	852	4433	1982	3355
	5132	77.40	179.20	4835.50	-679.97	9.68	680.04	12.97	879	4406	1982	3355
	5167	80.50	178.60	4842.20	-714.31	10.34	714.38	9.02	914	4372	1982	3355
	5199	83.40	179.00	4846.68	-745.99	11.01	746.06	9.15	946	4340	1983	3354
	5238	87.50	179.60	4849.78	-784.85	11.48	784.93	10.62	984	4301	1983	3354
	5357	90.60	180.10	4851.75	-903.82	11.79	903.90	2.64	1103	4182	1981	3355
	5450	90.30	179.40	4851.02	-996.82	12.20	996.89	0.82	1196	4089	1981	3356
	5542	90.50	179.90	4850.38	-1088.81	12.76	1088.89	0.59	1288	3997	1980	3356
	5634	90.80	179.00	4849.33	-1180.80	13.64	1180.88	1.03	1380	3905	1980	3356
	5727	91.20	178.60	4847.71	-1273.77	15.59	1273.86	0.61	1473	3813	1981	3355
	5819	90.40	179.30	4846.43	-1365.74	17.28	1365.85	1.16	1565	3721	1982	3354
	5912	89.70	180.00	4846.34	-1458.74	17.84	1458.85	1.06	1658	3628	1981	3355
	6004	89.70	179.00	4846.83	-1550.73	18.65	1550.84	1.09	1750	3536	1981	3355
	6097	90.30	178.70	4846.83	-1643.71	20.51	1643.84	0.72	1843	3443	1982	3354
	6189	90.50	178.00	4846.18	-1735.67	23.16	1735.82	0.79	1935	3351	1983	3352
	6284	90.60	177.30	4845.27	-1830.59	27.06	1830.78	0.74	2030	3256	1986	3349
	6380	90.20	178.30	4844.60	-1926.51	30.74	1926.74	1.12	2126	3160	1989	3347
	6475	90.70	178.80	4843.86	-2021.48	33.15	2021.72	0.74	2221	3065	1990	3345
	6571	89.80	179.70	4843.44	-2117.47	34.40	2117.72	1.33	2317	2969	1990	3345
	6664	90.20	181.10	4843.44	-2210.46	33.75	2210.70	1.57	2410	2876	1989	3347
	6760	90.50	181.00	4842.85	-2306.44	32.00	2306.66	0.33	2506	2780	1986	3349

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	
6855	91.00	179.90	4841.61	-2401.43	31.25	2401.63	1.27	2601	2685	1984	3351	
6950	91.10	181.00	4839.87	-2496.41	30.50	2496.60	1.16	2696	2590	1982	3353	
7044	89.90	180.60	4839.05	-2590.40	29.19	2590.56	1.35	2790	2496	1980	3355	
7141	89.30	180.20	4839.72	-2687.39	28.51	2687.54	0.74	2887	2399	1978	3357	
7236	89.10	179.40	4841.05	-2782.38	28.85	2782.53	0.87	2982	2304	1977	3358	
7331	89.30	180.40	4842.38	-2877.37	29.01	2877.51	1.07	3077	2209	1976	3358	
7426	89.80	180.10	4843.12	-2972.37	28.60	2972.50	0.61	3172	2114	1975	3360	
7521	88.50	179.40	4844.53	-3067.35	29.01	3067.48	1.55	3267	2019	1974	3360	
7616	89.60	180.20	4846.11	-3162.34	29.34	3162.47	1.43	3362	1924	1973	3361	
7711	90.00	180.90	4846.44	-3257.33	28.43	3257.44	0.85	3457	1829	1971	3363	
7809	89.80	179.90	4846.61	-3355.33	27.75	3355.43	1.04	3555	1731	1970	3365	
7902	90.20	179.90	4846.61	-3448.33	27.91	3448.42	0.43	3648	1638	1969	3365	
7996	90.00	178.90	4846.44	-3542.32	28.89	3542.42	1.08	3742	1544	1969	3365	
8090	89.10	178.00	4847.18	-3636.28	31.44	3636.40	1.35	3836	1450	1970	3364	
8186	88.50	178.10	4849.19	-3732.20	34.70	3732.36	0.63	3932	1354	1972	3362	
8282	91.00	178.10	4849.61	-3828.14	37.88	3828.33	2.60	4028	1258	1974	3359	
8377	91.00	177.40	4847.95	-3923.05	41.61	3923.27	0.74	4123	1163	1977	3357	
8472	91.60	179.10	4845.80	-4017.98	44.51	4018.23	1.90	4218	1068	1979	3355	
8567	91.00	178.60	4843.64	-4112.94	46.42	4113.20	0.82	4313	973	1980	3354	
8662	90.10	177.10	4842.73	-4207.86	49.98	4208.16	1.84	4408	878	1982	3351	
8757	90.60	178.50	4842.15	-4302.79	53.63	4303.12	1.56	4503	783	1985	3349	
8852	93.10	180.20	4839.08	-4397.72	54.71	4398.06	3.18	4598	688	1985	3348	
8947	93.50	180.90	4833.62	-4492.56	53.80	4492.88	0.85	4693	593	1983	3350	
9044	93.50	180.20	4827.69	-4589.37	52.87	4589.68	0.72	4789	497	1981	3352	
9139	90.20	180.30	4824.63	-4684.31	52.45	4684.60	3.48	4884	402	1979	3354	
9166	89.50	180.00	4824.70	-4711.31	52.38	4711.60	2.82	4911	375	1979	3354	
TD	9211	89.50	180.00	4825.09	-4756.31	52.38	4756.59	0.00	4956	330	1978	3354



SANDRIDGE
THE POWER OF US™

● Actual BH Location

* SandRidge Wells

▭ Sections

----- Perf

Actual Bottom-Hole Location of William 3510 3-11H
Barber County, Kansas
T&R: 35S 10W
Section: 11, 1967' FWL & 335' FSL
Long/Lat: -98.377092 37.007822
1 in = 678 ft

0 500 1,000 2,000 Feet

Draftsman: Aaron Birk

Draft Date: 1/11/2013

Drawing Name/Number:
Addendum_William_3-11H .mxd

Coordinate System:
NAD 1927 State Plane
Kansas South FIPS: 1502



Invoice

P.O. Box 1570
Woodward, OK 73802

Phone: (580)254-5400

Fax: (580)254-3242

Date	Invoice #
9/29/2012	1505

Bill To
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Joe Turner	Net 45	9/29/2012	William 3510 3-11H, Barber Cnty., KS	Unit 9

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole.
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe.
Mouse Hole	80	Drilled 80 ft. mouse hole.
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Mud, Water, & Trucking	1	Transport mud and water to location.
Grout & Trucking	10	Furnished 10 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor & Equip. for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits.

AFE Number: DC-12445

Well Name: William 3510

Code: 850-010

Amount: 17,800.00

Co. Man: Dwayne Burt

Co. Man Sig.: Dwayne Burt

Notes: _____

Subtotal	\$17,800.00
Sales Tax (0.0%)	\$0.00
Total	\$17,800.00

\$17,800.00
100

JOB SUMMARY			PROJECT NUMBER SOK 1951	TICKET DATE 10/03/12
COUNTY Barber	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Ron Savage	
LEASE NAME William 3510	Well No. 3-11H	JOB TYPE Surface	EMPLOYEE NAME ROBERT TAYLOR	

EMP NAME ROBERT TAYLOR	10				

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **80** Pressure _____
Retainer Depth _____ Total Depth **1000'**

Date	Called Out	On Location	Job Started	Job Completed
	10/3/2012	10/3/2012	10/3/2012	10/3/2012
Time	4:30PM	8:00PM	8:24PM	9:27PM

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		36.0	9	5/8	Surface	965
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4		Surface	1,000
Perforations						Shots/Ft.
Perforations						
Perforations						

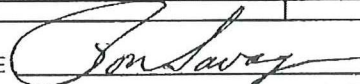
Materials			
	WBM	Density	Lb/Gal
Mud Type		9	
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh Water	10	8.33
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/3	2.5	10/3	2.5	Surface
Total	2.5	Total	2.5	

Pressures		
MAX	1,500 PSI	AVG. 230
Average Rates in BPM		
MAX	6 BPM	AVG 4
Cement Left in Pipe		
Feet	Reason SHOE JOINT	

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	D-TEX Lite "Class C" 65/3	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Class "C"	1% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	100	Premium Plus (Class C)	2% Calcium Chloride on side to use if necessary	6.32	1.32	14.80

Summary					
Preflush Breakdown	_____	Type: _____	Preflush: BBI	10.00	Type: Fresh Water
	_____	MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
	_____	Lost Returns-N	Excess /Return BBI	70	Calc. Disp Bbl 71
	_____	Actual TOC	Calc. TOC:	SURFACE	Actual Disp. 70.90
Average	_____	Bump Plug PSI:	Final Circ. PSI:	_____	Disp:Bbl _____
ISIP	5 Min. _____	10 Min. _____	Cement Slurry: BBI	185.0	
		15 Min. _____	Total Volume BBI	245.90	

CUSTOMER REPRESENTATIVE  SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK1970	TICKET DATE 10/08/12
COUNTY Barber	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Dwayne Burt	
LEASE NAME William	Well No. 1510 4-111	JOB TYPE Intermediate	EMPLOYEE NAME Matt Wilson	

EMP NAME Matt Wilson	vontray				
Arthur Setzar					
Jared Green					
David Thomas					

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **155** Pressure _____
Retainer Depth _____ Total Depth **5288**

Date	Called Out 10/9/2012	On Location 10/9/2012	Job Started 10/9/2012	Job Completed 10/9/2012
Time	5:00 am	9:00 am	11:41am	2:00 pm

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface	5,273	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole				8 3/4"	Surface	5,288	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		20 8.33
Spacer type	Caustic BBL.		10 8.40
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/9	4.0	10/9	4.0	Intermediate
Total	4.0	Total	4.0	

Pressures		
MAX	5,000 PSI	AVG. 300
Average Rates in BPM		
MAX	8 BPM	AVG 5
Cement Left in Pipe		
Feet	91	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	130	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60
2	100	Premium	0.4% C-12 - 0.1% C-37	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary							
Preflush	10	Type:	Caustic	Preflush:	BBI	20.00	Type: WEIGHTED SP.
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad: Bbl - Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBI	N/A	Calc. Disp Bbl 199
		Actual TOC		Calc. TOC:		4,396	Actual Disp. 199.00
Average		Bump Plug PSI:		Final Circ.	PSI:	960	Disp: Bbl
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	54.0	
				Total Volume	BBI	273.00	

CUSTOMER REPRESENTATIVE *Dwayne Burt* SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 1997	TICKET DATE 10/16/12
COUNTY BARBER	State Oklahoma	COMPANY Bridge Exploration & Produc	CUSTOMER REP DWAYNE BURT	
LEASE NAME WILLIAM 3510	Well No. #3H11	JOB TYPE Liner	EMPLOYEE NAME Robert Burris	

EMP NAME Robert Burris	Rory				
Derek Lewis					
Rocky Anthis					
Frank Reeves					

Form. Name _____ Type: _____
Packer Type _____ Set At **5,273**
Bottom Hole Temp. **150** Pressure _____
Retainer Depth _____ Total Depth **9211**

Date	Called Out 10/16/10/16	On Location 10/16/2012	Job Started 10/16/2012	Job Completed 10/16/2012
Time	11:00	12:30	21:30	23:20

Type and Size	Qty	Make
Auto Fill Tube	0	Weatherford
Insert Float Val	0	
Centralizers	0	
Top Plug	0	
HEAD	0	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4	1/2	4853	9,211	
Liner Tool					4,828	4,853	
HWDP					3,442	4,828	
Drill Pipe			3	1/2"	Surface	3,442	
Drill Collars							
Open Hole			6	1/8"	Surface	9,211	Shots/Ft.
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9.1 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Gel	BBL.	30 8.59
Spacer type		BBL.	
Acid Type		Gal.	%
Acid Type		Gal.	%
Surfactant		Gal.	ln
NE Agent		Gal.	ln
Fluid Loss		Gal/Lb	ln
Gelling Agent		Gal/Lb	ln
Fric. Red.		Gal/Lb	ln
MISC.		Gal/Lb	ln

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/16	12.0	10/16	2.0	Liner
Total	12.0	Total	2.0	

Perfpac Balls _____ Qty. _____
Other _____
Other _____
Other _____
Other _____

Pressures		
MAX	5000 PSI	AVG. 300
Average Rates in BPM		
MAX	6 BPM	AVG 4.5
Cement Left in Pipe		
Feet	88	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	305	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal	6.77	1.44	13.60
2	0	0	TAKE 50# SUGAR ,FOR DISPLACEMENT	0.00	0.00	0.00
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	_____	Type: _____	Preflush: BBI	_____	Type: 8.59#SPACER
		MAXIMUM	Load & Bkdn: Gal - BBI	5000 PSI	N/A Pad:Bbl -Gal N/A
		Lost Returns-N	Excess /Return BBI	NO/FULL	N/A Calc. Disp Bbl 110
		Actual TOC	Calc. TOC:	4.637	Actual Disp. 111.00
Average		Bump Plug PSI:	Final Circ. PSI:	1.200	Disp:Bbl _____
ISIP	5 Min.	10 Min	Cement Slurry: BBI	78.0	
		15 Min	Total Volume	BBI	219.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

Tiffany Golay
01/17/013 09:36 am Additional Fluid Mgmt Info.: 6880 bbls soil farmed by Mudslingers,
LLC, NW/4 11-28N-10W, Alfalfa, OK

Tiffany Golay
01/14/013 08:08 am Conductor weight= 106.5 lbs/ft