



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1099778
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: _____



1099778

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	William 3510 2-11H
Doc ID	1099778

All Electric Logs Run

Array Induction Gamma Ray Memory Log
Spectral Density Dual Space Neutron Gamma Ray Memory Log
Boresight
ML 5 in MD Final

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	William 3510 2-11H
Doc ID	1099778

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9122-9550	4216 bbls of water, 36 bbls acid, 75M lbs sand, 4252 TLTR	
5	8588-9017	4168 bbls of water, 36 bbls acid, 75M lbs sand, 8713 TLTR	
5	8055-8484	4149 bbls of water, 36 bbls acid, 75M lbs sand, 12898 TLTR	
5	7522-7951	4112 bbls of water, 36 bbls acid, 75M lbs sand, 17157 TLTR	
5	6989-7418	4044 bbls of water, 36 bbls acid, 75M lbs sand, 21380 TLTR	
5	6460-6885	4080 bbls of water, 36 bbls acid, 75M lbs sand, 25496 TLTR	
5	5923-6352	4175 bbls water, 36 bbls acid, 75M lbs sd, 29757 TLTR	
5	5390-5818	3981 bbls water, 36 bbls acid, 75M lbs sd, 33809 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	William 3510 2-11H
Doc ID	1099778

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	32	20	75	105	Mid-Continent Conductor grout	10	none
Surface	12.25	9.63	36	918	O-Tex Lite Premium Plus/ Premium Plus (Class C)	650	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	5353	50/50 Poz Premium/ Premium	275	4% gel, .4% C-12, .1% C-37, .5% C-41P, 2 lb/sk Phenoseal
Production	6.12	4.5	11.6	9639	50/50 Premium Poz	315	(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

November 05, 2012

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

Re: ACO1
API 15-007-23952-01-00
William 3510 2-11H
SE/4 Sec.02-35S-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



Invoice

P.O. Box 1570
 Woodward, OK 73802
 Phone: (580)254-5400
 Fax: (580)254-3242

Date	Invoice #
10/11/2012	1521

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
Parker	Net 45	10/11/2012	William 3510 2-11H, 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 6' X 6' cellar hole
6' X 6' Tinhorn	1	Furnished and set 6' X 6' tinhorn
Mud and Water	1	Furnished mud and water
Transport Truck - Conductor	1	Transport mud and water to location
Grout & Trucking	10	Furnished grout and trucking to location
Grout Pump	1	Furnished grout pump
Welder & Materials	1	Furnished welder and materials
Dirt Removal	1	Furnished labor and equipment for dirt removal
Cover Plate	1	Furnished cover plates
Permits	1	Permits

AFE Number: DC12446

Well Name: William 3510 2-11 H

Code: 830.010

Amount: 17800⁰⁰

Co. Man: Ron Savage

Co. Man Sig: [Signature]

Notes: _____

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

JOB SUMMARY			PROJECT NUMBER SOK 2017	TICKET DATE 10/22/12
COUNTY BARBER	State KANSAS	COMPANY Bridge Exploration & Produc	CUSTOMER REP DWAYNE BURT	
LEASE NAME WILLIAM	Well No. 1510 2-11	JOB TYPE Surface	EMPLOYEE NAME BILLY TAFF	

EMP NAME					
BILLY TAFF	0				
JASON JONES					
MARCOS QUINTANA					
CHERYL NEWTON					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **950**

Date	Called Out 10/22/2012	On Location 10/22/2012	Job Started 10/22/2012	Job Completed 10/22/2012
Time	12:00AM	2:00AM	5:30AM	7:45AM

Tools and Accessories		
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#	9	5/8"	Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12	1/4"	Surface	950
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	0 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water	BBL.	10 8.33
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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/22	4.5	10/22	2.5	Surface
Total	4.5	Total	2.5	

Pressures		
MAX	1,500 PSI	AVG. 125
Average Rates in BPM		
MAX	6 BPM	AVG 4.5
Cement Left in Pipe		
Feet	47	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Premium Plus (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	*14.8

Summary					
Preflush	10.00	Type: Fresh Water	Preflush: BBI	10.00	Type: Fresh Water
Breakdown	MAXIMUM	1,500 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
	Lost Returns-N	NO/FULL	Excess /Return BBI	26	Calc. Disp Bbl 69
	Actual TOC	SURFACE	Calc. TOC:	SURFACE	Actual Disp. 68.00
Average	Bump Plug PSI:	310	Final Circ. PSI:	310	Disp:Bbl 68.00
ISIP	5 Min.	10 Min.	Cement Slurry: BBI	165.4	
		15 Min.	Total Volume BBI	243.40	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 2036	TICKET DATE 10/27/12
COUNTY BARBER	State KANSAS	COMPANY Sandridge Exploration & Production	CUSTOMER REP RON SAVAGE	
LEASE NAME WILLIAM	Well No. 1510 2-111	JOB TYPE Intermediate	EMPLOYEE NAME Robert Burris	

EMP NAME	Robert Burris	Rocky Anthis				
Derek Lewis						
Wesley Truex						
Frank Reeves						

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5353**

Date	Called Out 10/27/2012	On Location 10/27/2012	Job Started 10/27/2012	Job Completed 10/27/2012
Time	09:30	11:00	19:30	20:28

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface	5,356	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,353	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Gel	BBL.	30
Spacer type			8.59
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	
10/27	9.0	10/27	1.0	Intermediate
Total	9.0	Total	1.0	

Pressures			
MAX	5,000 PSI	AVG	800
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	175	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		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	5,000 PSI	Preflush: BBI _____	30.00
	Lost Returns-N _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____		3,673	Excess /Return BBI _____	N/A
Average	Bump Plug PSI: _____		1,625	Calc. TOC: _____	3,673
ISIP	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. PSI: _____	925
				Cement Slurry: BBI _____	65.0
				Total Volume BBI _____	293.00
				Type: WEIGHTED SP.	
				Pad:Bbl -Gal _____	N/A
				Calc. Disp Bbl _____	202
				Actual Disp. _____	198.00
				Disp:Bbl _____	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 2073	TICKET DATE 11/03/12
COUNTY BARBER	State KANSAS	COMPANY Bridge Exploration & Produc	CUSTOMER REP RON SAVAGE	
LEASE NAME WILLIAM	Well No. 1510 2-11	JOB TYPE Liner	EMPLOYEE NAME Matt Wilson	

EMP NAME							
Matt Wilson		0.00					
Jared Green							
Emmit Brock							
David Thomas							

Form. Name _____ Type: _____
Packer Type _____ Set At **5,353**
Bottom Hole Temp. **150** Pressure _____
Retainer Depth _____ Total Depth **9639**

Date	Called Out 11/3/2012	On Location 11/3/2012	Job Started 11/4/2012	Job Completed 11/4/2012
Time	11:00 am	4:00 pm	12:34 am	3:00 am

Tools and Accessories		
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	

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		4841	9,639	
Liner Tool							
HWDP					3,878	4,841	
Drill Pipe			3 1/2"		0	38,778	
Drill Collars							
Open Hole			6 1/8"		Surface	9,639	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9.1 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh Water BBL.		20 8.33
Spacer type	Gaustic 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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/3	8.0	11/4	6.0	Liner
11/4	3.0			
Total	11.0	Total	6.0	

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

Pressures		
MAX	3,500 PSI	AVG. 500
Average Rates in BPM		
MAX	6 BPM	AVG 4
Cement Left in Pipe		
Feet	45	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	315	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 100 # Sugar	0.00	0.00	0.00
3	0	0		0	0.00	0.00

Summary					
Preflush	10-	Type: _____	Caustic	Preflush: BBI	20.00
Breakdown		MAXIMUM	3,500 PSI	Load & Bkdn: Gal - BBI	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBI	N/A
		Actual TOC	4,697'	Calc. TOC:	4,697'
Average		Bump Plug PSI:		Final Circ. PSI:	750
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry: BBI	80.0
				Total Volume BBI	218.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____ # _____



Standard Wellpath Report
 Sandridge
 Sec 2 - 35S - 10W, Kansas
 Barber County
 Wellbore: William 3510 2-11H (Actual)

Wellbore

Name	Created	Last Revised
William 3510 2-11H (Actual)	17-Oct-2012	14-Jan-2013

Well

Name	Government ID	Last Revised
William 3510 2-11H		17-Oct-2012

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
William 3510 2-11H	129417.0000	2038266.0000	N37 1 19.2554	W98 22 8.1820	188.99N	1029.94W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Barber County	2039296.0000	129228.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 2 - 35S - 10W	2039296.0000	129228.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments
FINAL surveys MD 9639 is a projection to bit @ TD



Standard Wellpath Report
 Sandridge
 Sec 2 - 35S - 10W, Kansas
 Barber County
 Wellbore: William 3510 2-11H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6851.00	89.70	177.100	4823.09	2369.35S	360.58E	2.23	2390.87	2038626.60	127047.52
6946.00	90.00	176.900	4823.34	2464.22S	365.55E	0.38	2485.83	2038631.58	126952.65
7042.00	89.20	177.100	4824.01	2560.08S	370.58E	0.86	2581.78	2038636.60	126856.78
7137.00	89.50	177.100	4825.08	2654.96S	375.39E	0.32	2676.73	2038641.41	126761.90
7233.00	89.20	176.900	4826.17	2750.82S	380.41E	0.38	2772.68	2038646.43	126666.03
7328.00	89.20	176.900	4827.50	2845.67S	385.55E	==>	2867.64	2038651.57	126571.17
7423.00	89.50	177.500	4828.58	2940.55S	390.19E	0.71	2962.58	2038656.21	126476.29
7518.00	88.80	177.400	4829.99	3035.44S	394.41E	0.74	3057.50	2038660.43	126381.39
7613.00	90.70	178.200	4830.40	3130.37S	398.06E	2.17	3152.41	2038664.08	126286.46
7708.00	88.90	177.600	4830.73	3225.30S	401.54E	2.00	3247.31	2038667.56	126191.52
7803.00	88.50	178.100	4832.89	3320.21S	405.10E	0.67	3342.19	2038671.13	126096.61
7899.00	90.40	178.100	4833.81	3416.15S	408.29E	1.98	3438.07	2038674.31	126000.67
7994.00	90.20	179.000	4833.31	3511.11S	410.69E	0.97	3532.92	2038676.71	125905.69
8089.00	88.40	179.100	4834.47	3606.09S	412.26E	1.90	3627.70	2038678.29	125810.71
8120.00	89.40	179.900	4835.07	3637.08S	412.53E	4.13	3658.61	2038678.56	125779.72
8152.00	91.20	180.700	4834.90	3669.08S	412.37E	6.16	3690.49	2038678.39	125747.72
8183.00	91.30	180.800	4834.22	3700.07S	411.96E	0.46	3721.35	2038677.98	125716.73
8216.00	91.40	180.900	4833.45	3733.06S	411.47E	0.43	3754.18	2038677.49	125683.74
8247.00	91.50	180.700	4832.66	3764.04S	411.04E	0.72	3785.03	2038677.06	125652.75
8279.00	91.50	180.700	4831.82	3796.03S	410.65E	==>	3816.88	2038676.67	125620.76
8311.00	91.50	180.600	4830.99	3828.02S	410.29E	0.31	3848.73	2038676.31	125588.77
8374.00	91.10	180.600	4829.56	3891.00S	409.63E	0.63	3911.45	2038675.65	125525.79
8468.00	91.20	181.000	4827.67	3984.97S	408.31E	0.44	4005.00	2038674.34	125431.81
8563.00	91.10	180.400	4825.76	4079.94S	407.15E	0.64	4099.56	2038673.18	125336.83
8658.00	90.80	180.900	4824.19	4174.92S	406.08E	0.61	4194.14	2038672.10	125241.85
8753.00	90.80	181.000	4822.86	4269.90S	404.50E	0.11	4288.67	2038670.52	125146.86
8848.00	90.00	181.000	4822.20	4364.88S	402.84E	0.84	4383.20	2038668.87	125051.88
8943.00	90.60	182.100	4821.70	4459.85S	400.27E	1.32	4477.63	2038666.30	124956.91
9039.00	91.00	181.000	4820.36	4555.80S	397.68E	1.22	4573.06	2038663.70	124860.95
9135.00	91.10	179.400	4818.60	4651.78S	397.34E	1.67	4668.69	2038663.36	124764.96
9229.00	90.20	178.200	4817.54	4745.75S	399.31E	1.60	4762.51	2038665.33	124670.99
9325.00	90.80	178.500	4816.70	4841.71S	402.07E	0.70	4858.37	2038668.10	124575.03
9420.00	91.10	177.500	4815.12	4936.63S	405.39E	1.10	4953.25	2038671.41	124480.09
9515.00	92.70	177.500	4811.97	5031.49S	409.53E	1.68	5048.13	2038675.55	124385.23
9591.00	93.60	177.100	4807.80	5107.29S	413.11E	1.30	5123.97	2038679.13	124309.43
9639.00	93.60	177.100	4804.78	5155.13S	415.53E	==>	5171.85	2038681.55	124261.58

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (William 3510 2-11H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 175.320 degrees
 Bottom hole distance is 5171.85 Feet on azimuth 175.39 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 14-Jan-2013



Standard Wellpath Report
Sandridge
Sec 2 - 35S - 10W, Kansas
Barber County
Wellbore: William 3510 2-11H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9639.00	4804.78	5155.13S	415.53E	Projection to bit @ TD

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (William 3510 2-11H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 175.320 degrees
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Date Printed: 14-Jan-2013

Section 2
35S 10W

WILLIAM 3510 2-11H

LORI 2-2H



Section 1
35S 10W

LORI 3510 3-2H

WILLIAM 3510 4-11H

LORI 3510 4-2H



Miss Entry: 4952'

-98.368271 37.020674

WILLIAM 3510 3-11H

Top Perf: 5390'

-98.36804 37.019613

Section 11
35S 10W

Section 12
35S 10W

Bottom Perf: 9122'

-98.367947 37.009264

BHL: 9639'

-98.367887 37.007882

359' FSL

649' FEL

Section 14
35S 10W

Section 13
35S 10W



Actual Bottom-Hole Location of William 3510 2-11H
Barber County, Kansas

T&R: 35S 10W

Section: 11, 649' FEL & 359' FSL

Long/Lat: -98.367887 37.007882

1 in = 667 ft

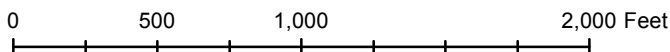


● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 1/30/2013

Drawing Name/Number:

Addendum_William_2-11H .mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Tiffany Golay
02/01/013 09:44 am Additional Fluid Mgmt Info: 710 bbls hauled to Gray Mud Disposal,
SW/4 15-24N-7W, Garfield, OK 323003

Tiffany Golay
01/28/013 11:48 am Frac Disclosure uploaded to Frac Focus

Tiffany Golay
01/28/013 11:47 am TVD= 4804

Tiffany Golay
01/14/013 01:57 pm Conductor weight= 106.5 lbs/ft