



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1150956
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: _____



1150956

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	Anita 3420 1-13H
Doc ID	1150956

All Electric Logs Run

Porosity
Resistivity
MD Hz Final
BS Depiction
Prizm Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Anita 3420 1-13H
Doc ID	1150956

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9146-9538	1500 gals 15% HCL 4799 bbls Fresh Slickwater, Running TLTR 4969 bbls	
5	8814-9096	1500 gals 15% HCL 4233 bbls Fresh Slickwater, Running TLTR 9344 bbls	
5	8378-8732	1500 gals 15% HCL 4202 bbls Fresh Slickwater, Running TLTR 13680 bbls	
5	7956-8258	1500 gals 15% HCL 4162 bbls Fresh Slickwater, Running TLTR 17964 bbls	
5	7654-7900	1500 gals 15% HCL 4194 bbls Fresh Slickwater, Running TLTR 22262 bbls	
5	7338-7612	1500 gals 15% HCL 4030 bbls Fresh Slickwater, Running TLTR 26391 bbls	
5	7060-7294	1500 gals 15% HCL 4028 bbls Fresh Slickwater, Running TLTR 30503 bbls	
5	6696-7007	1500 gals 15% HCL 4028 bbls Fresh Slickwater, Running TLTR 30503 bbls	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Anita 3420 1-13H
Doc ID	1150956

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6360-6636	1500 gals 15% HCL 3649 bbls Fresh Slickwater, Running TLTR 38672 bbls	
5	6036-6315	1500 gals 15% HCL 4078 bbls Fresh Slickwater, Running TLTR 42785 bbls	
5	5728-5996	1500 gals 15% HCL 4158 bbls Fresh Slickwater, Running TLTR 46994 bbls	

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

July 09, 2013

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

Re: ACO1
API 15-033-21718-01-00
Anita 3420 1-13H
NE/4 Sec.13-34S-20W
Comanche 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



BASIN SERVICES, LLC
 P O BOX 4268
 ABILENE, TX 79608-4268
 Phone # (325)690-0053
 Fax # (325)698-0055

INVOICE

INVOICE NO.: 461
 INVOICE DATE: 08/19/2013

SANDRIDGE ENERGY
 123 ROBERT S KERR AVE
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK
 LEASE: Anita
 WELL#: 3420 1-13H
 RIG #: Lariat 38
 Co/St: COMANCHE, KS

Tkt # WY-51-1 (10410) 06/17/2013-06/18/2013

DESCRIPTION	FOOTAGE	QUANTITY	RATE	AMOUNT
6/17-18/2013 DRILLED 30" CONDUCTOR HOLE				
6/17-18/2013 20" CONDUCTOR PIPE (.250 WALL)				
6/17-18/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN				
6/17-18/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING				
6/17-18/2013 DRILLED 20" MOUSE HOLE (PER FOOT)				
6/17-18/2013 16" CONDUCTOR PIPE (.250 WALL)				
6/17-18/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE				
6/17-18/2013 WELDING SERVICES FOR PIPE & LIDS				
6/17-18/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE				
6/17-18/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)				
6/17-18/2013 10 SACK GROUT				5,700.00
6/17-18/2013 TAXABLE ITEMS				15,550.00
6/17-18/2013 BID + TAXABLE ITEMS				
			Sub Total:	21,250.00
			Tax COMANCHE COUNTY (6.3 %):	359.10
			PLEASE PAY THIS AMOUNT:	<u>\$ 21,609.10</u>

JOB SUMMARY			PROJECT NUMBER SOK 2811	TICKET DATE 06/25/13
COUNTY Comanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Roger Barber	
LEASE NAME Anita 3420	Well No. 1-13H	JOB TYPE Surface	EMPLOYEE NAME LOUIS ARNEY	

EMP NAME					
L. ARNEY		0			
M. QUINTANA					
D. TEWELL					
D. ODOM					

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **80** Pressure _____
Retainer Depth _____ Total Depth **750'**

	Called Out	On Location	Job Started	Job Completed
Date	6/24/2013	6/25/2013	6/25/2013	6/25/2013
Time	2130	0200	0544	0730

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 1/4"		Surface	750'
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	750'
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Wate	BBL.	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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/25	5.5	6/25	1.8	Surface
Total	5.5	Total	1.8	

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

Pressures		
MAX	1,500 PSI	AVG. 150
Average Rates in BPM		
MAX	6 BPM	AVG 5
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	260	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	170	Premium Plus (Class C)	2% 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 Breakdown	Type: _____	MAXIMUM 1,500 PSI	Preflush: BBI 10.00	Type: Fresh Water	
	Lost Returns-N	NO/FULL	Load & Bkdn: Gal - BBI N/A	Pad:Bbl -Gal N/A	
	Actual TOC	SURFACE	Excess /Return BBI 42	Calc.Disp Bbl 49	
Average	Bump Plug PSI:	600	Calc. TOC: SURFACE	Actual Disp. 48.00	
IS:P _____	5 Min. _____	10 Min. _____	Final Circ. PSI: 200	Disp:Bbl _____	
		15 Min. _____	Cement Slurry: BBI 126.0		
			Total Volume BBI 184.00		

CUSTOMER REPRESENTATIVE _____
SIGNATURE _____

JOB SUMMARY

PROJECT NUMBER SOK 2834			TICKET DATE 06/30/13		
COUNTY Comanche		State Oklahoma		COMPANY Sandridge Exploration & Production	
LEASE NAME Anita 3420			Well No. 1-13H		JOB TYPE Intermediate
EMP NAME Robert Burris			CUSTOMER REP Roger Barber		
EMP NAME Eric Parsons			EMPLOYEE NAME Robert Burris		

Robert Burris	Eric Parsons				
Bryan Douglas					
Mike Hall					
Cheryl Newton					

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 5710

Date	Called Out	On Location	Job Started	Job Completed
		6/30/2013	6/30/2013	6/30/2013
Time		5:45am	2:00pm	

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	Max. Allow
Casing	26#	7"		Surface	5,705	5,000
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		8 3/4"		Surface	5,700	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.		8.33	
Spacer type	c-63	BBL.	15	10.00
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
Perpac Balls		Qty.		
Other				
Other				
Other				
Other				

Hours On Location

Date	Hours	Date	Hours	Description of Job
6/30	10.0	6/30	2.0	Intermediate
Total	10.0	Total	2.0	

Pressures

MAX	5,000 PSI	AVG	350
		Average Rates in BPM	
MAX	7 BPM	AVG	4
		Cement Left in Pipe	
Feet	90	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	140	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary

Preflush Breakdown	Type: _____	MAXIMUM _____ 5,000 PSI	Load & Bkdn: Gal - BBI _____	15.00	Type: 10ppg Barite Spacer
	Lost Returns-N _____	NO/FULL _____	Excess /Return BBI _____	N/A	Pad:Bbl -Gal _____ N/A
	Actual TOC _____		Calc. TOC: _____	N/A	Calc. Disp Bbl _____ 215
Average	Bump Plug PSI: _____	1,300	Final Circ. PSI: _____	750	Actual Disp. _____ 214.00
ISIF _____ 5 Min.	10 Min _____	15 Min _____	Cement Slurry: BBI _____	59.0	Disp:Bbl _____
			Total Volume BBI _____	288.00	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

Sandridge Energy

Anita 3420 1-13H (Final)

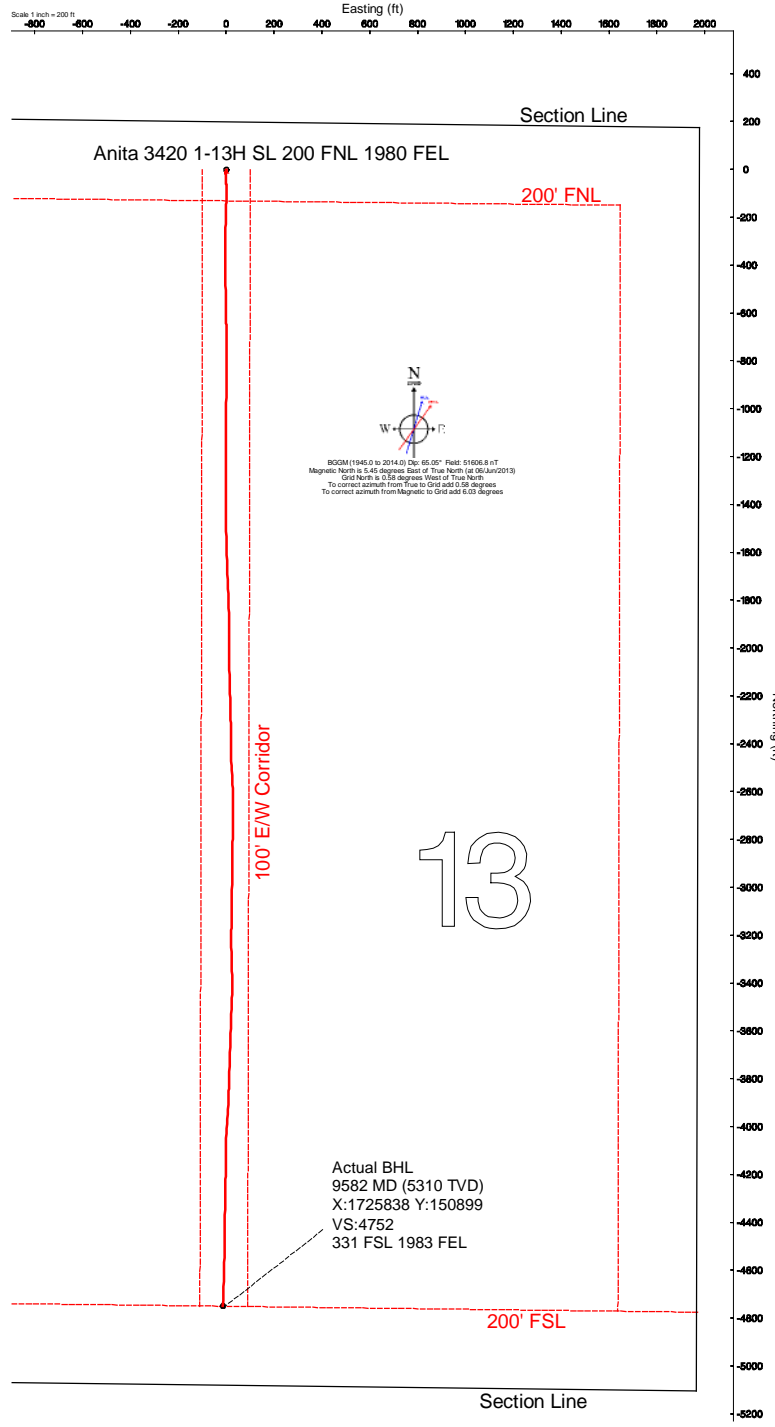
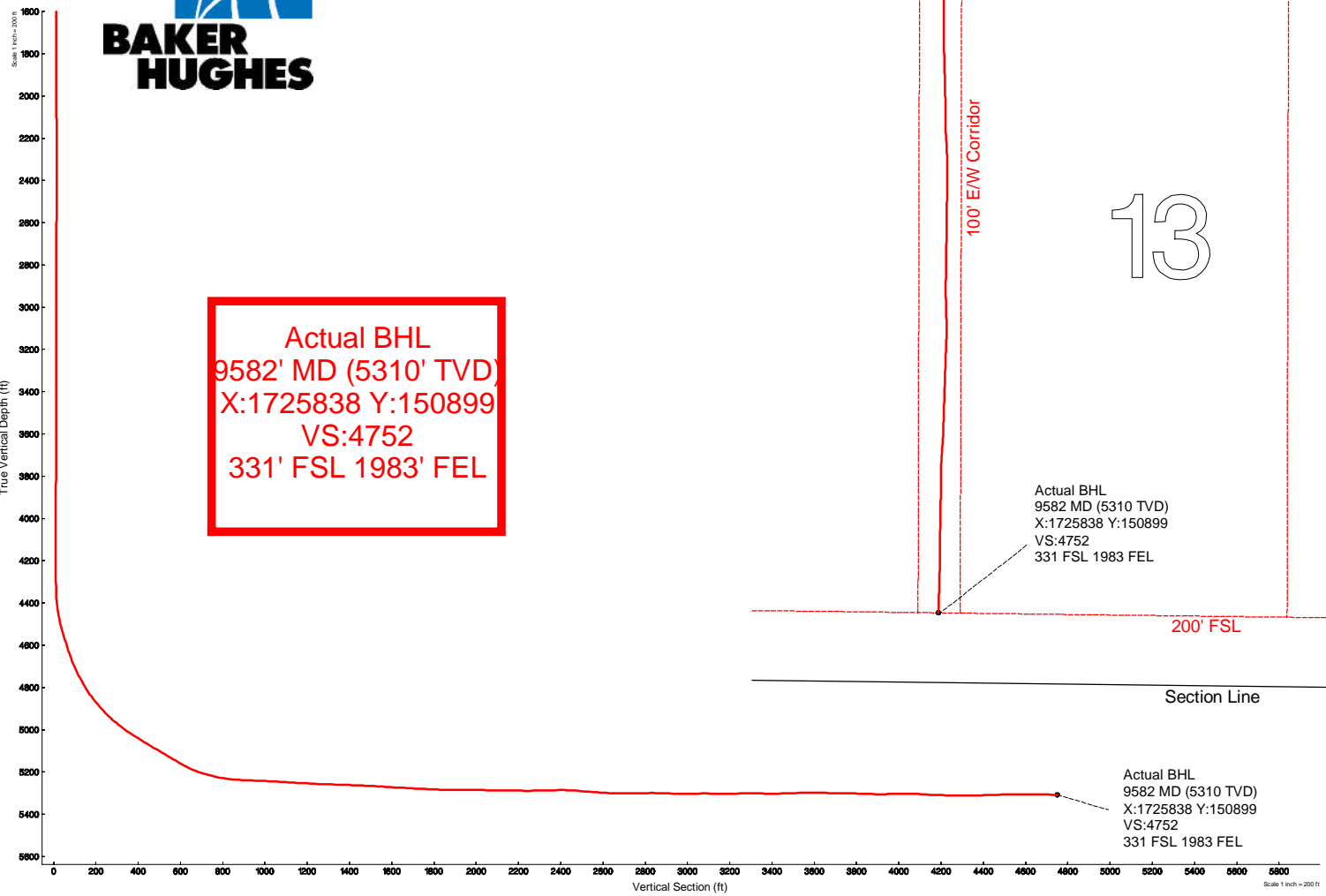
Anita 3420 1-13H SL 200 FNL 1980 FEL

Comanche County, Kansas (Sandridge Energy) NAD27 / Grid

Plot reference wellpath is Plan 7			
True vertical depths are referenced to Lariat 38 (RKB)		Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet	
Measured depths are referenced to Lariat 38 (RKB)		North Reference: Grid north	
Lariat 38 (RKB) to Mean Sea Level: 1791 feet		Scale: True distance	
Mean Sea Level to Mud line (At Slot: Anita 3420 1-13H SL 200 FNL 1980 FEL): -1771 feet		Depths are in feet	
Coordinates are in feet referenced to Slot		Created by: bouglac on 05/06/2013	
Location Information			
Facility Name			
Anita 3420 1-13H Sec 13-34S-20W	Grid East (US ft)	Grid North (US ft)	Latitude
	1725862.000	155651.000	37°05'25.238"N
			99°26'23.380"W
Slot			
Anita 3420 1-13H SL 200 FNL 1980 FEL	Local N (ft)	Local E (ft)	Grid East (US ft)
	0.00	0.00	1725862.000
			Grid North (US ft)
			155651.000
			Latitude
			37°05'25.238"N
			Longitude
			99°26'23.380"W
Lariat 38 (RKB) to Mud line (At Slot: Anita 3420 1-13H SL 200 FNL 1980 FEL)		208	
Mean Sea Level to Mud line (At Slot: Anita 3420 1-13H SL 200 FNL 1980 FEL)		-1771ft	
Lariat 38 (RKB) to Mean Sea Level		-179ft	



Actual BHL
9582' MD (5310' TVD)
X:1725838 Y:150899
VS:4752
331' FSL 1983' FEL





Actual Wellpath Report

Sandridge Anita 3420 1-13H_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Anita 3420 1-13H SL 200 FNL 1980 FEL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Anita 3420 1-13H Actual
Facility	Anita 3420 1-13H Sec 13-34S-20W		

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet		
North Reference	Grid	Software System	WellArchitect™ 3.0.0
Convergence at slot	0.58° West	User	Adammic
Scale	1.00004	Report Generated	08/Jul/2013 at 2:40:03 PM
Wellbore last revised	06-06-2013	Database/Source file	intokcapp01

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	1725852.00	155651.00	37°05'25.238"N	99°26'23.380"W
Facility Reference Pt			1725852.00	155651.00	37°05'25.238"N	99°26'23.380"W
Field Reference Pt			1773194.47	191302.75	37°11'22.030"N	99°16'42.810"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Lariat 38 (RKB) to Facility Vertical Datum	20.00ft
Horizontal Reference Pt	Slot	Lariat 38 (RKB) to Mean Sea Level	1791.00ft
Vertical Reference Pt	Lariat 38 (RKB)	Lariat 38 (RKB) to Mud Line at Slot (Anita 3420 1-13H SL 200 FNL 1980 FEL)	20.00ft
MD Reference Pt	Lariat 38 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	180.13°



Actual Wellpath Report

Sandridge Anita 3420 1-13H_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Anita 3420 1-13H SL 200 FNL 1980 FEL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Anita 3420 1-13H Actual
Facility	Anita 3420 1-13H Sec 13-34S-20W		

WELLPATH DATA (130 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
0.00†	0.000	190.930	0.00	0.00	0.00	0.00	1725852.00	155651.00	0.00	
20.00	0.000	190.930	20.00	0.00	0.00	0.00	1725852.00	155651.00	0.00	
276.00	0.020	190.930	276.00	0.04	-0.04	-0.01	1725851.99	155650.96	0.01	
490.00	0.460	190.930	490.00	0.92	-0.92	-0.18	1725851.82	155650.08	0.21	
676.00	0.720	190.930	675.99	2.81	-2.80	-0.54	1725851.46	155648.20	0.14	
691.00	0.310	190.930	690.99	2.94	-2.94	-0.57	1725851.43	155648.06	2.73	
722.00	0.460	206.180	721.99	3.13	-3.13	-0.64	1725851.36	155647.87	0.58	
814.00	0.290	227.080	813.98	3.62	-3.62	-0.97	1725851.03	155647.38	0.23	
906.00	0.290	201.320	905.98	4.00	-4.00	-1.23	1725850.77	155647.00	0.14	
997.00	0.320	173.300	996.98	4.47	-4.46	-1.28	1725850.72	155646.54	0.17	
1088.00	0.170	199.680	1087.98	4.85	-4.84	-1.30	1725850.70	155646.16	0.20	
1180.00	0.710	226.150	1179.98	5.37	-5.37	-1.75	1725850.25	155645.63	0.61	
1272.00	0.620	204.300	1271.97	6.22	-6.21	-2.37	1725849.63	155644.79	0.29	
1364.00	0.650	169.260	1363.97	7.19	-7.18	-2.48	1725849.52	155643.82	0.42	
1547.00	0.830	124.530	1546.95	8.95	-8.95	-1.19	1725850.81	155642.05	0.32	
1639.00	0.370	108.570	1638.95	9.43	-9.42	-0.36	1725851.64	155641.58	0.53	
1731.00	0.170	235.030	1730.95	9.60	-9.60	-0.19	1725851.81	155641.40	0.53	
1920.00	0.470	287.740	1919.94	9.52	-9.52	-1.16	1725850.84	155641.48	0.21	
2015.00	0.720	231.060	2014.94	9.78	-9.78	-1.99	1725850.01	155641.22	0.64	
2110.00	0.760	171.880	2109.93	10.78	-10.78	-2.37	1725849.63	155640.22	0.77	
2300.00	0.040	222.090	2299.93	12.08	-12.07	-2.24	1725849.76	155638.93	0.39	
2395.00	0.370	26.200	2394.93	11.83	-11.82	-2.12	1725849.88	155639.18	0.43	
2490.00	0.340	30.380	2489.92	11.31	-11.30	-1.85	1725850.15	155639.69	0.04	
2585.00	0.480	331.710	2584.92	10.72	-10.71	-1.89	1725850.11	155640.29	0.44	
2680.00	0.360	291.060	2679.92	10.26	-10.25	-2.36	1725849.64	155640.75	0.33	
2775.00	0.340	346.620	2774.92	9.88	-9.87	-2.70	1725849.30	155641.13	0.34	
2870.00	0.390	280.200	2869.92	9.55	-9.54	-3.09	1725848.91	155641.46	0.42	
2965.00	0.520	261.440	2964.91	9.56	-9.55	-3.83	1725848.17	155641.45	0.21	
3060.00	0.500	264.610	3059.91	9.66	-9.65	-4.67	1725847.33	155641.35	0.04	
3155.00	0.170	87.380	3154.91	9.69	-9.68	-4.94	1725847.06	155641.32	0.71	
3250.00	0.390	19.860	3249.91	9.38	-9.37	-4.69	1725847.31	155641.63	0.38	
3345.00	0.100	325.700	3344.91	9.01	-9.00	-4.63	1725847.37	155642.00	0.36	
3440.00	0.090	83.120	3439.91	8.93	-8.92	-4.60	1725847.40	155642.08	0.17	
3535.00	0.160	47.560	3534.91	8.83	-8.82	-4.43	1725847.57	155642.18	0.11	
3630.00	0.100	279.350	3629.91	8.73	-8.72	-4.41	1725847.59	155642.28	0.25	
3725.00	0.480	62.620	3724.91	8.53	-8.52	-4.14	1725847.86	155642.47	0.59	
3820.00	0.390	337.630	3819.90	8.05	-8.04	-3.91	1725848.09	155642.96	0.62	
3915.00	0.250	321.580	3914.90	7.59	-7.58	-4.16	1725847.84	155643.42	0.17	
4010.00	0.280	303.630	4009.90	7.30	-7.29	-4.48	1725847.52	155643.71	0.09	
4105.00	0.250	139.490	4104.90	7.33	-7.32	-4.54	1725847.46	155643.68	0.55	
4200.00	0.290	139.630	4199.90	7.67	-7.66	-4.25	1725847.75	155643.34	0.04	
4295.00	0.140	146.930	4294.90	7.95	-7.94	-4.03	1725847.97	155643.06	0.16	
4327.00	0.800	180.100	4326.90	8.21	-8.20	-4.01	1725847.99	155642.80	2.15	
4359.00	2.570	176.960	4358.88	9.15	-9.14	-3.97	1725848.03	155641.86	5.54	
4390.00	4.540	178.050	4389.82	11.07	-11.06	-3.90	1725848.10	155639.94	6.36	



Actual Wellpath Report

Sandridge Anita 3420 1-13H_Final Surveys.
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Anita 3420 1-13H SL 200 FNL 1980 FEL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Anita 3420 1-13H Actual
Facility	Anita 3420 1-13H Sec 13-34S-20W		

WELLPATH DATA (130 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
4422.00	7.260	175.920	4421.65	14.35	-14.34	-3.71	1725848.29	155636.66	8.53	
4454.00	10.060	175.480	4453.28	19.15	-19.14	-3.34	1725848.66	155631.85	8.75	
4485.00	12.510	175.390	4483.68	25.20	-25.19	-2.86	1725849.14	155625.81	7.90	
4517.00	14.520	176.020	4514.79	32.65	-32.65	-2.30	1725849.70	155618.35	6.30	
4549.00	16.340	176.740	4545.64	41.15	-41.14	-1.77	1725850.23	155609.85	5.72	
4580.00	17.400	177.400	4575.30	50.13	-50.13	-1.31	1725850.69	155600.87	3.47	
4612.00	18.170	176.940	4605.77	59.89	-59.89	-0.83	1725851.17	155591.11	2.45	
4644.00	19.160	177.610	4636.09	70.12	-70.12	-0.34	1725851.66	155580.88	3.17	
4675.00	20.520	178.680	4665.25	80.64	-80.64	-0.01	1725851.99	155570.36	4.54	
4707.00	22.890	179.560	4694.98	92.47	-92.47	0.17	1725852.17	155558.53	7.48	
4739.00	25.810	180.720	4724.13	105.66	-105.66	0.13	1725852.13	155545.34	9.25	
4770.00	28.020	181.160	4751.77	119.69	-119.69	-0.10	1725851.90	155531.31	7.16	
4802.00	29.380	181.960	4779.84	135.05	-135.05	-0.52	1725851.48	155515.94	4.42	
4833.00	31.800	182.160	4806.52	150.82	-150.81	-1.09	1725850.91	155500.18	7.81	
4865.00	34.430	181.920	4833.32	168.29	-168.28	-1.71	1725850.29	155482.71	8.23	
4897.00	37.750	181.220	4859.18	187.13	-187.12	-2.22	1725849.78	155463.87	10.45	
4928.00	40.090	181.220	4883.29	206.60	-206.59	-2.64	1725849.36	155444.40	7.55	
4960.00	42.590	181.480	4907.32	227.73	-227.72	-3.14	1725848.86	155423.27	7.83	
4991.00	45.870	181.320	4929.53	249.34	-249.34	-3.66	1725848.34	155401.65	10.59	
5023.00	48.530	180.530	4951.27	272.82	-272.81	-4.04	1725847.96	155378.18	8.51	
5055.00	50.930	180.260	4971.95	297.23	-297.22	-4.21	1725847.79	155353.76	7.53	
5086.00	53.280	180.320	4990.99	321.69	-321.69	-4.33	1725847.67	155329.30	7.58	
5118.00	55.180	180.270	5009.70	347.66	-347.65	-4.46	1725847.54	155303.34	5.94	
5150.00	56.560	180.120	5027.65	374.15	-374.14	-4.55	1725847.45	155276.85	4.33	
5181.00	58.490	179.550	5044.29	400.30	-400.29	-4.48	1725847.52	155250.70	6.42	
5213.00	59.340	179.740	5060.81	427.70	-427.69	-4.31	1725847.69	155223.29	2.70	
5245.00	59.190	179.460	5077.17	455.20	-455.20	-4.12	1725847.88	155195.79	0.89	
5276.00	59.600	178.970	5092.95	481.88	-481.87	-3.75	1725848.25	155169.11	1.90	
5308.00	59.630	178.650	5109.14	509.48	-509.47	-3.18	1725848.82	155141.51	0.87	
5340.00	59.280	178.900	5125.40	537.03	-537.03	-2.59	1725849.41	155113.95	1.28	
5371.00	59.270	178.780	5141.24	563.67	-563.67	-2.05	1725849.95	155087.31	0.33	
5403.00	59.450	179.210	5157.55	591.20	-591.20	-1.56	1725850.44	155059.78	1.29	
5435.00	61.750	179.060	5173.26	619.07	-619.07	-1.14	1725850.86	155031.91	7.20	
5466.00	65.780	179.210	5186.96	646.87	-646.87	-0.72	1725851.28	155004.11	13.01	
5498.00	69.370	178.750	5199.16	676.44	-676.44	-0.20	1725851.80	154974.54	11.30	
5529.00	72.200	179.230	5209.36	705.70	-705.70	0.32	1725852.32	154945.27	9.25	
5561.00	75.020	179.990	5218.39	736.40	-736.40	0.53	1725852.53	154914.57	9.10	
5593.00	77.810	180.220	5225.91	767.50	-767.50	0.47	1725852.47	154883.47	8.75	
5624.00	80.660	180.620	5231.70	797.95	-797.95	0.25	1725852.25	154853.02	9.28	
5656.00	83.740	180.430	5236.04	829.65	-829.65	-0.05	1725851.95	154821.32	9.64	
5680.00	85.590	180.350	5238.27	853.54	-853.55	-0.21	1725851.79	154797.42	7.72	
5738.00	87.780	180.210	5241.62	911.44	-911.44	-0.49	1725851.51	154739.52	3.78	
5830.00	87.900	180.510	5245.09	1003.38	-1003.38	-1.07	1725850.93	154647.59	0.35	
5921.00	86.290	180.050	5249.70	1094.26	-1094.26	-1.51	1725850.49	154556.70	1.84	
6013.00	86.700	180.090	5255.33	1186.08	-1186.08	-1.62	1725850.38	154464.87	0.45	



Actual Wellpath Report

Sandridge Anita 3420 1-13H_Final Surveys.
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Anita 3420 1-13H SL 200 FNL 1980 FEL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Anita 3420 1-13H Actual
Facility	Anita 3420 1-13H Sec 13-34S-20W		

WELLPATH DATA (130 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
6104.00	87.780	179.850	5259.71	1276.98	-1276.98	-1.58	1725850.42	154373.98	1.22	
6196.00	88.490	180.430	5262.70	1368.93	-1368.93	-1.80	1725850.20	154282.02	1.00	
6287.00	87.010	179.400	5266.28	1459.85	-1459.85	-1.67	1725850.33	154191.09	1.98	
6380.00	86.490	178.520	5271.55	1552.68	-1552.69	0.02	1725852.02	154098.26	1.10	
6472.00	87.070	178.140	5276.72	1644.49	-1644.50	2.69	1725854.69	154006.44	0.75	
6563.00	86.760	177.600	5281.61	1735.29	-1735.31	6.07	1725858.07	153915.63	0.68	
6655.00	88.240	178.310	5285.63	1827.13	-1827.16	9.35	1725861.35	153823.78	1.78	
6750.00	89.690	179.230	5287.34	1922.08	-1922.12	11.39	1725863.39	153728.81	1.81	
6845.00	89.540	179.990	5287.98	2017.08	-2017.11	12.04	1725864.04	153633.81	0.82	
6940.00	89.230	179.000	5289.00	2112.06	-2112.10	12.87	1725864.87	153538.82	1.09	
7035.00	88.920	177.890	5290.54	2207.01	-2207.05	15.45	1725867.45	153443.87	1.21	
7130.00	91.730	179.110	5290.00	2301.96	-2302.01	17.94	1725869.94	153348.91	3.22	
7225.00	90.710	179.930	5287.97	2396.93	-2396.98	18.73	1725870.73	153253.93	1.38	
7320.00	84.360	176.470	5292.06	2491.72	-2491.78	21.71	1725873.71	153159.13	7.61	
7415.00	86.460	177.780	5299.66	2586.28	-2586.35	26.45	1725878.45	153064.55	2.60	
7510.00	89.140	180.180	5303.31	2681.18	-2681.25	28.14	1725880.14	152969.65	3.79	
7596.00	91.510	181.420	5302.82	2767.16	-2767.23	26.94	1725878.94	152883.66	3.11	
7628.00	91.700	181.770	5301.92	2799.14	-2799.21	26.05	1725878.05	152851.69	1.24	
7723.00	86.980	179.580	5303.02	2894.10	-2894.16	24.93	1725876.93	152756.73	5.48	
7818.00	90.860	181.930	5304.81	2989.05	-2989.11	23.68	1725875.68	152661.78	4.77	
7913.00	89.880	180.640	5304.19	3084.02	-3084.08	21.55	1725873.55	152566.80	1.71	
8008.00	89.940	180.500	5304.34	3179.02	-3179.08	20.60	1725872.60	152471.80	0.16	
8103.00	90.490	179.270	5303.99	3274.02	-3274.07	20.79	1725872.79	152376.80	1.42	
8197.00	88.890	177.640	5304.50	3367.97	-3368.03	23.33	1725875.33	152282.84	2.43	
8292.00	92.310	182.820	5303.50	3462.92	-3462.98	22.95	1725874.95	152187.89	6.53	
8388.00	90.460	181.830	5301.18	3558.81	-3558.87	19.06	1725871.06	152092.00	2.19	
8482.00	89.140	181.820	5301.51	3652.77	-3652.82	16.06	1725868.06	151998.05	1.40	
8577.00	89.080	181.890	5302.98	3747.72	-3747.76	12.99	1725864.99	151903.10	0.10	
8672.00	87.560	181.720	5305.77	3842.63	-3842.67	10.00	1725862.00	151808.19	1.61	
8767.00	90.890	183.240	5307.05	3937.53	-3937.55	5.89	1725857.89	151713.30	3.85	
8862.00	90.590	183.880	5305.83	4032.35	-4032.36	-0.01	1725851.99	151618.49	0.74	
8957.00	86.270	179.540	5308.43	4127.23	-4127.24	-2.85	1725849.15	151523.61	6.44	
9052.00	88.920	181.250	5312.42	4222.14	-4222.14	-3.50	1725848.50	151428.70	3.32	
9147.00	89.720	181.040	5313.54	4317.11	-4317.11	-5.40	1725846.60	151333.73	0.87	
9242.00	91.970	180.340	5312.14	4412.09	-4412.09	-6.55	1725845.45	151238.75	2.48	
9337.00	92.280	181.110	5308.62	4507.02	-4507.01	-7.75	1725844.25	151143.82	0.87	
9432.00	89.380	181.390	5307.25	4601.98	-4601.97	-9.82	1725842.18	151048.86	3.07	
9527.00	88.710	181.720	5308.83	4696.94	-4696.92	-12.40	1725839.60	150953.90	0.79	
9539.00	88.680	182.010	5309.10	4708.93	-4708.91	-12.79	1725839.21	150941.91	2.43	
9582.00	88.680	182.010	5310.09	4751.90	-4751.88	-14.30	1725837.70	150898.95	0.00	Actual BHL 9582 MD (5310 TVD) X:1725838 Y:150899 VS:4752 331 FSL 1983 FEL



Actual Wellpath Report
Sandridge Anita 3420 1-13H_Final Surveys.
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Anita 3420 1-13H SL 200 FNL 1980 FEL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Anita 3420 1-13H Actual
Facility	Anita 3420 1-13H Sec 13-34S-20W		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
PBHL 330 FSL 1980 FEL		5316.60	-4752.82	-11.00	1725841.00	150898.00	37°04'38.245"N	99°26'22.925"W	point

WELLPATH COMPOSITION - Ref Wellbore: Anita 3420 1-13H Actual					Ref Wellpath: AWP (Final)	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore		
20.00	676.00	EMS (Standard)	EMS	Anita 3420 1-13H Actual		
676.00	9539.00	Autotrak Short	Inteq MWD	Anita 3420 1-13H Actual		
9539.00	9582.00	Blind Drilling (std)	Projection to bit	Anita 3420 1-13H Actual		

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/29/2013
Job End Date:	7/31/2013
State:	Kansas
County:	Comanche
API Number:	15-033-21718-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Anita 3420 1-13H
Longitude:	-99.43980000
Latitude:	37.09030000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,310
Total Base Water Volume (gal):	1,941,639
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
C102	Bosque Disposal Systems, LLC	Oxidizer					
			Chlorine Dioxide	10049-04-4	15.00000	100.00000	
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.							
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Ethoxylated oleic acid	9004-96-0	0.03207		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Ethane-1,2-diol	107-21-1	0.00943		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Methanol	67-56-1	0.01031		

HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Propan-2-ol	67-63-0	0.00102		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			C14 alpha olefin ethoxylate	84133-50-6	0.00481		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.25659		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Prop-2-yn-1-ol	107-19-7	0.00193		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sodium erythorbate	6381-77-7	0.01957		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Potassium hydroxide	1310-58-3	0.00023		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Hydrogen chloride	7647-01-0	2.76916		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					

			Ethanol, 2,2',2''-nitrilotris-, 1,1',1''-tris(dihydrogen phosphate), sodium salt	68171-29-9	0.07536		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.00481		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.00623		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Trisodium ortho phosphate	7601-54-9	0.03313		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sodium sulfocyanate	540-72-7	0.00834		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Distillates (petroleum), hydrotreated light	64742-47-8	0.33678		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Fatty acids, tall-oil	61790-12-3	0.00757		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			2-Propenoic acid, ammonium salt	10604-69-0	0.00786		

HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			2-propenamid	79-06-1	0.00144		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Ammonium chloride	12125-02-9	0.16037		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00512		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00641		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00290		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sorbitol Tetraoleate	61723-83-9	0.00962		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alkenes, C>10 a-	64743-02-8	0.00129		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00481		

HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Crystalline silica	14808-60-7	96.07183		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Polyethylene glycol monohexyl ether	31726-34-8	0.11688		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sorbitan monooleate	1338-43-8	0.03207		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Water (Including Mix Water Supplied by Client)*	NA			

* 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)

Section 12
34S 20W

Section 7
34S 19W

ANITA 3420 1-13H



Miss Entry: 5242'
-99.44022 37.089119

Top Perf: 5728'
-99.440218 37.089046

Section 13
34S 20W

Comanche County

Section 18
34S 19W

Bottom Perf: 9146'
-99.440091 37.078514

BHL: 9582'
-99.440106 37.077319

333' FSL

1979' FWL

Section 24
34S 20W

Section 19
34S 19W



Actual Bottom-Hole Location of Anita 3420 1-13H
Comanche County, Kansas
T&R: 34S 20W
Section: 13, 1979' FWL & 333' FSL
-99.440106 37.077319

1 in = 667 ft

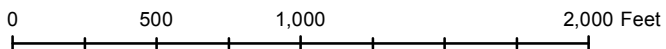


● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 9/27/2013

Drawing Name/Number:

Addendum_Anita 3420 1-13H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Remarks

Tiffany Golay 09/24/013 10:43 am	Well was completed using an open hole packer system; no liner was cemented
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Tiffany Golay 09/24/013 10:43 am	Conductor weight= 94 lbs/ft
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Tiffany Golay 10/02/013 01:33 pm	Additional Fluid Mgmt Info: 6684 bbls hauled to DFD Disposal, SW/4 10-26N-15W, Woods, OK
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