



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1143338
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: _____



1143338

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> _____ <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	Bennett 3120 1-13H
Doc ID	1143338

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8814-9118	1500 gals 15% HCL, 3211 bbls Fresh Slickwater, Running TLTR 3247 bbls	
5	8483-8728	1500 gals 15% HCL, 4422 bbls Fresh Slickwater, Running TLTR 7913 bbls	
5	8434-8128	1500 gals 15% HCL, 4623 bbls Fresh Slickwater, Running TLTR 12676 bbls	
5	7766-8039	1500 gals 15% HCL, 4267 bbls Fresh Slickwater, Running TLTR 17102 bbls	
5	7412-7712	1500 gals 15% HCL, 4304 bbls Fresh Slickwater, Running TLTR 21546 bbls	
5	7054-7324	1500 gals 15% HCL, 4487 bbls Fresh Slickwater, Running TLTR 26033 bbls	
5	6671-6955	1500 gals 15% HCL, 4199 bbls Fresh Slickwater, Running TLTR 30232 bbls	
5	6305-6616	1500 gals 15% HCL, 4188 bbls Fresh Slickwater, Running TLTR 34509 bbls	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Bennett 3120 1-13H
Doc ID	1143338

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	5988-6252	1500 gals 15% HCL, 4179 bbls Fresh Slickwater, Running TLTR 38763 bbls	
5	5605-5864	1500 gals 15% HCL, 44256 bbls Fresh Slickwater, Running TLTR 43076 bbls	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Bennett 3120 1-13H
Doc ID	1143338

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	120	Basin Services 10 Sack Grout	11	none
Surface	12.25	9.63	36	915	O-Tex Lite Premium Plus 65/ Premium Plus (Class C)	560	(6% gel) 2% Calcium Chloride, 1/4pps Cello- Flake, .5% C-41P
Intermedid ate	8.75	7	26	5550	O-Tex 50/50Poz Premium/ Premium Class H	225	Gel, 80 lbs FL-17 FLA, 30 lbs CF-51, 20 lbs CF- 20, 11 lbs CD-37, 90 lbs CD- 41P, 2 gal CF-41, 750 lbs CD-63, 900 lbs Barite

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Bennett 3120 1-13H
Doc ID	1143338

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Production Liner	6.13	4.5	11.6	9230	O-Tex 50/50 Premium Poz	455	4% gel, .4% FL-17, .2% C-51, .1% C-20, .1% C-37, .5% C-41P

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

May 29, 2013

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

Re: ACO1
API 15-033-21712-01-00
Bennett 3120 1-13H
SW/4 Sec.13-31S-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.: 163
 INVOICE DATE: 06/17/2013

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

YARD: WY WAYNOKA OK
 LEASE: Bennett
 WELL#: 3120 1-13H
 RIG #: Lariat 38
 Co/St: COMANCHE, KS

Tkt # WY-13-1 05/01/2013-05/05/2013

DESCRIPTION	FOOTAGE	QUANTITY	RATE	AMOUNT
5/1-5/2013 DRILLED 30" CONDUCTOR HOLE				
5/1-5/2013 20" CONDUCTOR PIPE (.250 WALL)				
5/1-5/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING				
5/1-5/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN				
5/1-5/2013 DRILLED 20" MOUSE HOLE (PER FOOT)				
5/1-5/2013 16" CONDUCTOR PIPE (.250 WALL)				
5/1-5/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE				
5/1-5/2013 WELDING SERVICES FOR PIPE & LIDS				
5/1-5/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE				
5/1-5/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)				
5/1-5/2013 11 YARDS 10 SACK GROUT				
5/1-5/2013 TAXABLE ITEMS				10,940.00
5/1-5/2013 BID + TAXABLE ITEMS				10,310.00

Sub Total: 21,250.00 ✓
 Tax COMANCHE COUNTY (6.3 %): 689.22
 PLEASE PAY THIS AMOUNT: \$ 21,939.22

JOB SUMMARY

COUNTY Comanche		State Kansas	COMPANY Bridge Exploration & Produc	PROJECT NUMBER SOK 2681	TICKET DATE 05/15/13
LEASE NAME Bennett 3120			Well No. 1-13H	JOB TYPE Surface	CUSTOMER REP Nokoa Williams
EMP NAME ROBERT BURRIS					

Robert Burris	0				
FRANK REEVES					
Cheryl Newton					
RICKY STEVENS					

Form. Name _____ Type: _____

Packer Type _____ Set At _____ 0

Bottom Hole Temp. _____ 80 Pressure _____

Retainer Depth _____ Total Depth _____ 950

Date	Called Out	On Location	Job Started	Job Completed
	5/15/2013	5/15/2013	5/15/2013	5/15/2013
Time	18:00	21:00	21:58	24:00

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		36#	9 5/8"		Surface	920	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	915	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Mud Type		9	
Disp. Fluid	Fresh Water	8.33	
Spacer type	resh Water 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	
5/15	3.0	5/15	1.0	Surface
Total	3.0	Total	1.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures		
MAX	1,500 PSI	AVG 300
Average Rates in BPM		
MAX	6 BPM	AVG 4
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	170	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	0	0		0	0.00	0.00

Summary							
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____	10 Min _____	15 Min _____
Average	5 Min _____						
Preflush: BBI _____ 10.00		Load & Bkdn: Gal - BBI _____ N/A		Excess /Return BBI _____ 75		Calc. TOC: _____ SURFACE	
Final Circ. PSI: _____ 475		Cement Slurry: BBI _____ 168.0		Total Volume BBI _____ 243.00		Type: Fresh Water	
						Pad:Bbl -Gal _____ N/A	
						Calc.Disp Bbl _____ 68	
						Actual Disp. _____ 65.00	
						Disp:Bbl _____	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____



7303 N. Highway 81
Duncan, OK 73533

Invoice

Date:	Invoice #:
5/23/2013	0000004049

Phone # (580) 255-3111

Bill To
Sandridge Exploration & Production 123 Robert S Kerr Ave Oklahoma City, OK 73102-6406

Description of Work
COMANCHE, COUNTY KS AFE DC12906 API 15-033-21712-01-00
Job Type: Intermediate

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2695	Net 30	5/20/2013	6/22/2013	AFE DC12906	BENNETT 3120 1-13H

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount
ML001	Pickup Mileage	UNTMIL	100	4.26	426.00	58.00%	-247.08	178.92
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	100	7.32	732.00	58.00%	-424.56	307.44
ML003	Bulk Cement Delivery/Return	MILE	514	2.95	1,516.30	58.00%	-879.45	636.85
MX001	Bulk Material Mixing Service Charge	SCF	237	3.27	774.99	58.00%	-449.49	325.50
CC006	Pump Charge 5001-6000'	4-HRS	1	4,671.81	4,671.81	58.00%	-2,709.65	1,962.16
CC015	Pump Charge Additional Hours	UNIHR	3	588.06	1,764.18	35.00%	-617.46	1,146.72
ML014	Fucl Surcharge *	JOB	1	653.40	653.40	100.00%	-653.40	0.00
AE014	Environmental Fee*	JOB	1	228.69	228.69	100.00%	-228.69	0.00
PC003	Employee/Supervisor Retention/perdiem	JOB	4	1,306.80	5,227.20	90.00%	-4,704.48	522.72
JM001	Data Acquisition System	JOB	1	1,437.48	1,437.48	58.00%	-833.74	603.74
AE003	Circulation Equipment(40' of equipment)	JOB	1	1,633.50	1,633.50	58.00%	-947.43	686.07
LT005	Lab Testing - Thickening Time	EACH	2	326.70	653.40	0.00%	0.00	653.40
LT006	Lab Testing - Water Analysis	EACH	1	326.70	326.70	0.00%	0.00	326.70
AE002	Cement Head with manifold	JOB	1	1,176.12	1,176.12	58.00%	-682.15	493.97
CL011	7" Top Rubber Plug	EACH	1	203.28	203.28	35.00%	-71.15	132.13
CSB002	50/50 Poz With Premium	SACK	125	22.28	2,785.00	50.00%	-1,392.50	1,392.50
CP002	H (Premium Cement) (94 lbs/ft3)	94SACK	100	30.80	3,080.00	50.00%	-1,540.00	1,540.00
CP005	GEL	LBS	210	0.68	142.80	50.00%	-71.40	71.40
CPC29	FL-17 FLA	LBS	80	40.00	3,200.00	50.00%	-1,600.00	1,600.00
CP034	CF - 51 (Anti settling agent)	LBS	30	27.10	813.00	50.00%	-406.50	406.50
CP013	CF - 20 (Lignosulfate Retarder) (below 2	LBS	20	13.55	271.00	50.00%	-135.50	135.50
CP004	CF-37 (Dispersant)	LBS	11	13.55	149.05	50.00%	-74.53	74.52
CP033	CF-41P (Powder Defoamer)	LBS	90	5.42	487.80	50.00%	-243.90	243.90

Contact: Sandridge Exploration & Production	Subtotal Amount	*****
	Sales Tax	*****
	Discount Amount	*****
	Payment/Credit Amount	*****
	Total Net Amount	*****



7303 N. Highway 81
Duncan, OK 73533

Invoice

Date:	Invoice #:
5/23/2013	0000004049

Phone # (580) 255-3111

Bill To
Sandridge Exploration & Production 123 Robert S Kerr Ave Oklahoma City, OK 73102-6406

Description of Work
COMANCHE, COUNTY KS AFE DC12906 API 15-033-21712-01-00
Job Type: Intermediate

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2695	Net 30	5/20/2013	6/22/2013	AFE DC12906	BENNETT 3120 1-13H

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount
CP009	CF-41 (Foam Preventer)	GAL	2	86.06	172.12	50.00%	-86.06	86.06
CPC12	CF-63 (Weighted Spacer Mix)	LBS	750	5.42	4,065.00	50.00%	-2,032.50	2,032.50
CP025	Barite (weighting material)	LBS	900	0.50	450.00	50.00%	-225.00	225.00

Contact: Sandridge Exploration & Production	Subtotal Amount	37,040.82
	Sales Tax	500.22
	Discount Amount	-21,256.62
	Payment/Credit Amount	0.00
	Total Net Amount	16,284.42

JOB SUMMARY

COUNTY Comanche		State Kansas		COMPANY Bridge Exploration & Produc		PROJECT NUMBER SOK 2714	TICKET DATE 05/28/13
LEASE NAME Bennett 3120		Well No. 1-13H		JOB TYPE Liner		CUSTOMER REP Felix Ortiz Jr	
EMP NAME Arthur Setzer							

Arthur Setzer	0.00				
Jared Green					
David Thomas					
Robert Stonehocker					

Form. Name _____ Type: _____

Packer Type _____ Set At **5,550'**

Bottom Hole Temp. **150** Pressure _____

Retainer Depth _____ Total Depth **9,420'**

Date	Called Out	On Location	Job Started	Job Completed
	5/27/2013	5/27/2013	5/28/2013	5/28/2013
Time	0600	1300	0800	1100

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
Casing	11.6	4 1/2"			9,420'
Liner Tool					
HWDP					
Drill Pipe		3 1/2"			
Drill Collars					
Open Hole		6 1/8"		Surface	9,420'
Perforations					Shots/Ft.
Perforations					
Perforations					

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/27	11.0	5/28	6.0	Liner
5/28	11.0			
Total		Total		
22.0		6.0		

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 3,500 PSI	AVG. _____
Average Rates in BPM	
MAX 6 BPM	AVG 5
Cement Left in Pipe	
Feet 89	Reason SHOE JOINT

Cement Data			
Stage	Sacks	Cement	Additives
1	455	50/50 Premium Poz	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P
2	0	0	0
3	0	0	0
			W/Rq. Yield Lbs/Gal
			6.77 1.44 13.60
			0 0.00 0.00 0.00
			0 0.00 0.00 0.00

Summary							
Preflush Breakdown	10-	Type: Caustic	Preflush: BBI	20.00	Type: 10ppg Barite Space		
		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A	
		Lost Returns-N	Excess /Return BBI	N/A	Calc.Disp Bbl	107	
		Actual TOC	Calc. TOC:	4.688	Actual Disp.	107.00	
Average ISIP	5 Min.	Bump Plug PSI: 10 Min.	Final Circ. PSI:	2.100	Disp:Bbl	107.00	
		15 Min.	Cement Slurry: BBI	116.0			
			Total Volume BBI	243.00			

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

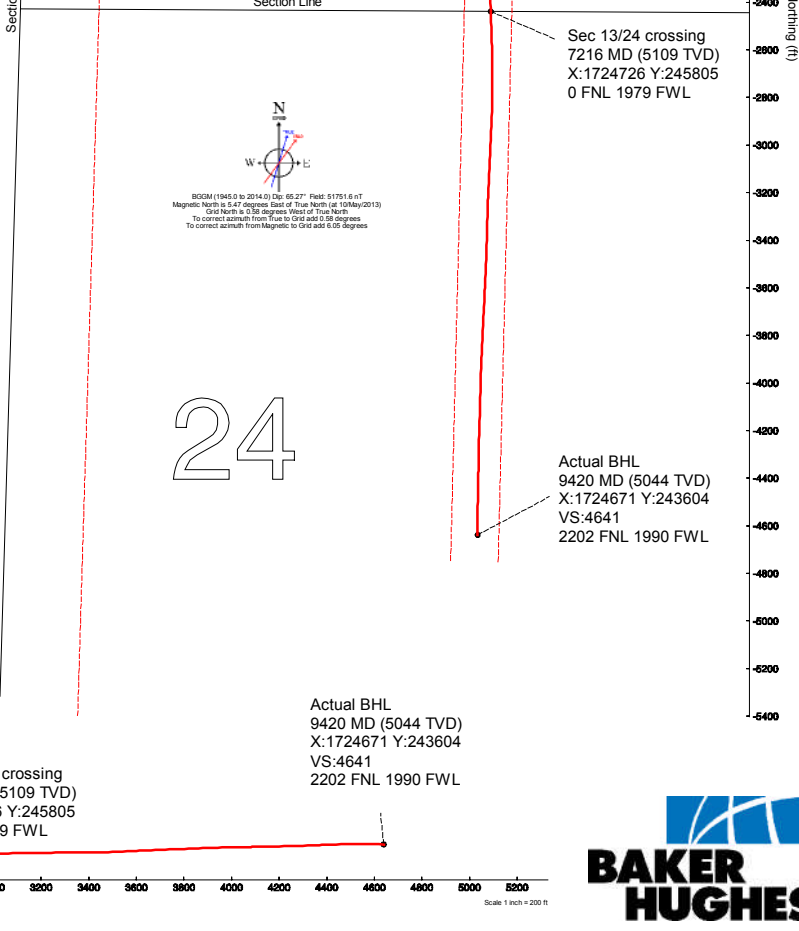
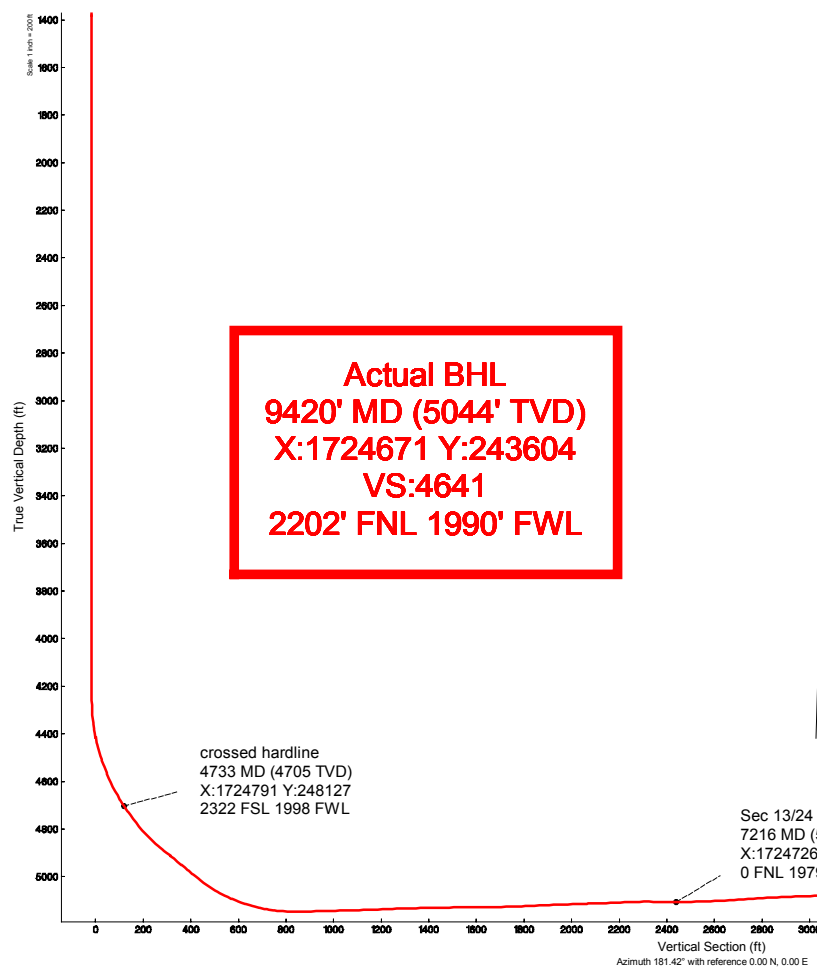
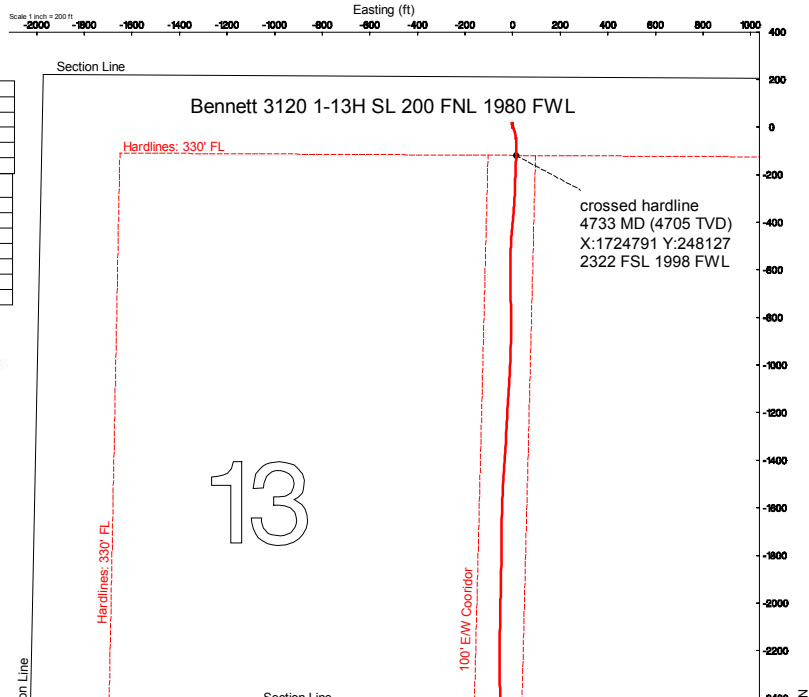
Sandridge Energy

Bennett 3120 1-13H (Plan 1)
Bennett 3120 1-13H SL 200 FNL 1980 FWL
Comanche County, Kansas (Sandridge Energy) NAD27 / Grid

Plot reference wellpath is Plan 1		Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet
True vertical depths are referenced to Lariat 38 (RT)		North Reference: Grid north
Measured depths are referenced to Lariat 38 (RT)		Scale: True distance
Lariat 38 (RT) to Mean Sea Level: 2062 feet		Depths are in feet
Mean Sea Level to Mud line (At Slot: Bennett 3120 1-13H SL 200 FNL 1980 FWL): -2042 feet		Created by: bouglac on 13/May/2013
Coordinates are in feet referenced to Slot		

Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Bennett 3120 1-13H Sec. 13/24-31S-20W	1724775.000	248244.000	37°20'40.566"N	99°26'48.274"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Bennett 3120 1-13H SL 200 FNL 1980 FWL	0.00	0.00	1724775.000	248244.000
Lariat 38 (RT) to Mud line (At Slot: Bennett 3120 1-13H SL 200 FNL 1980 FWL)			20ft	
Mean Sea Level to Mud line (At Slot: Bennett 3120 1-13H SL 200 FNL 1980 FWL)			-2042ft	
Lariat 38 (RT) to Mean Sea Level			2062ft	





Actual Wellpath Report

Sandridge Bennett 3120 1-13H_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Bennett 3120 1-13H SL 200 FNL 1980 FWL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Bennett 3120 1-13H Actual
Facility	Bennett 3120 1-13H Sec. 13/24- 31S- 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	0.999986	Report Generated	13/Jun/2013 at 2:05:28 PM
Wellbore last revised	05-10-2013	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	1724775.00	248244.00	37°20'40.566"N	99°26'48.274"W
Facility Reference Pt			1724775.00	248244.00	37°20'40.566"N	99°26'48.274"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 (RT) to Facility Vertical Datum	20.00ft
Horizontal Reference Pt	Slot	Lariat 38 (RT) to Mean Sea Level	2062.00ft
Vertical Reference Pt	Lariat 38 (RT)	Lariat 38 (RT) to Mud Line at Slot (Bennett 3120 1-13H SL 200 FNL 1980 FWL)	20.00ft
MD Reference Pt	Lariat 38 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	181.42°



Actual Wellpath Report

Sandridge Bennett 3120 1-13H_Final Surveys.
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Bennett 3120 1-13H SL 200 FNL 1980 FWL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Bennett 3120 1-13H Actual
Facility	Bennett 3120 1-13H Sec. 13/24- 31S- 20W		

WELLPATH DATA (102 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	0.250	0.00	0.00	0.00	0.00	1724775.00	248244.00	0.00	
20.00	0.000	0.250	20.00	0.00	0.00	0.00	1724775.00	248244.00	0.00	
243.00	1.300	0.250	242.98	-2.53	2.53	0.01	1724775.01	248246.53	0.58	
491.00	1.500	0.240	490.91	-8.59	8.59	0.04	1724775.04	248252.59	0.08	
768.00	1.700	0.130	767.80	-16.32	16.32	0.06	1724775.06	248260.32	0.07	
994.00	0.130	200.720	993.77	-19.43	19.44	-0.02	1724774.98	248263.44	0.81	
1453.00	0.060	254.760	1452.77	-18.87	18.89	-0.44	1724774.56	248262.89	0.02	
1948.00	0.030	346.330	1947.77	-18.92	18.94	-0.72	1724774.28	248262.94	0.01	
2423.00	0.160	302.670	2422.77	-19.38	19.42	-1.31	1724773.69	248263.42	0.03	
2898.00	0.070	184.010	2897.77	-19.44	19.49	-1.88	1724773.12	248263.49	0.04	
3373.00	0.070	246.640	3372.77	-19.03	19.09	-2.17	1724772.83	248263.09	0.02	
3848.00	0.060	117.230	3847.77	-18.80	18.86	-2.22	1724772.78	248262.86	0.02	
4228.00	0.060	327.980	4227.77	-18.88	18.94	-2.15	1724772.85	248262.93	0.03	
4260.00	0.470	169.080	4259.76	-18.76	18.82	-2.13	1724772.87	248262.82	1.65	
4291.00	1.970	166.450	4290.76	-18.12	18.18	-1.98	1724773.02	248262.18	4.84	
4323.00	4.710	164.430	4322.70	-16.33	16.38	-1.50	1724773.50	248260.38	8.57	
4355.00	7.410	162.060	4354.52	-13.13	13.15	-0.51	1724774.49	248257.15	8.47	
4386.00	10.380	160.580	4385.14	-8.63	8.61	1.03	1724776.03	248252.61	9.61	
4418.00	12.420	161.090	4416.51	-2.71	2.64	3.11	1724778.11	248246.64	6.38	
4450.00	15.070	161.520	4447.59	4.43	-4.57	5.54	1724780.54	248239.43	8.29	
4481.00	17.130	164.120	4477.37	12.58	-12.78	8.07	1724783.07	248231.22	7.04	
4513.00	18.770	166.610	4507.81	22.05	-22.32	10.55	1724785.55	248221.68	5.66	
4545.00	20.920	170.000	4537.91	32.63	-32.96	12.74	1724787.74	248211.04	7.62	
4576.00	22.470	172.500	4566.72	43.91	-44.28	14.47	1724789.47	248199.72	5.82	
4608.00	24.120	175.470	4596.11	56.46	-56.87	15.79	1724790.78	248187.14	6.33	
4639.00	26.910	178.870	4624.08	69.77	-70.20	16.42	1724791.42	248173.80	10.16	
4671.00	29.390	181.290	4652.30	84.86	-85.29	16.39	1724791.39	248158.71	8.53	
4703.00	30.870	181.410	4679.97	100.92	-101.35	16.01	1724791.01	248142.65	4.63	
4733.00†	33.202	182.215	4705.40	116.83	-117.25	15.50	1724790.50	248126.75	7.90	crossed hardline 4733 MD (4705 TVD) X:1724791 Y:248127 2322 FSL 1998 FWL
4734.00	33.280	182.240	4706.24	117.38	-117.80	15.48	1724790.48	248126.20	7.90	
4766.00	35.030	182.510	4732.72	135.34	-135.75	14.74	1724789.74	248108.25	5.49	
4798.00	36.410	181.680	4758.70	154.02	-154.42	14.06	1724789.06	248089.58	4.57	
4829.00	39.440	181.940	4783.15	173.07	-173.46	13.45	1724788.45	248070.54	9.79	
4861.00	41.760	182.150	4807.44	193.89	-194.27	12.71	1724787.71	248049.73	7.26	
4893.00	43.830	182.650	4830.92	215.63	-215.99	11.80	1724786.80	248028.01	6.56	
4924.00	46.500	182.260	4852.78	237.61	-237.95	10.86	1724785.86	248006.05	8.66	
4956.00	50.010	181.640	4874.08	261.48	-261.81	10.05	1724785.05	247982.20	11.06	
4987.00	50.830	182.490	4893.83	285.37	-285.69	9.19	1724784.19	247958.32	3.39	
5019.00	51.000	183.390	4914.01	310.20	-310.49	7.91	1724782.91	247933.51	2.25	
5051.00	50.760	183.330	4934.20	335.01	-335.28	6.46	1724781.46	247908.73	0.76	
5082.00	50.960	184.600	4953.77	359.03	-359.26	4.79	1724779.79	247884.75	3.24	
5114.00	50.990	185.260	4973.92	383.84	-384.03	2.66	1724777.66	247859.98	1.61	
5145.00	50.900	185.680	4993.45	407.86	-407.99	0.36	1724775.36	247836.02	1.09	
5177.00	51.470	185.540	5013.51	432.72	-432.81	-2.07	1724772.93	247811.20	1.81	
5209.00	54.140	185.010	5032.85	458.15	-458.19	-4.41	1724770.59	247785.82	8.45	



Actual Wellpath Report

Sandridge Bennett 3120 1-13H_Final Surveys.
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Bennett 3120 1-13H SL 200 FNL 1980 FWL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Bennett 3120 1-13H Actual
Facility	Bennett 3120 1-13H Sec. 13/24- 31S- 20W		

WELLPATH DATA (102 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
5240.00	57.510	182.930	5050.26	483.77	-483.77	-6.18	1724768.82	247760.24	12.21	
5272.00	60.520	181.650	5066.74	511.20	-511.17	-7.27	1724767.73	247732.83	10.01	
5304.00	63.730	180.590	5081.69	539.48	-539.45	-7.82	1724767.18	247704.56	10.45	
5335.00	66.280	180.130	5094.79	567.57	-567.54	-8.00	1724767.00	247676.46	8.33	
5367.00	68.460	180.440	5107.10	597.10	-597.08	-8.14	1724766.86	247646.93	6.87	
5398.00	71.880	179.490	5117.62	626.24	-626.24	-8.12	1724766.88	247617.77	11.40	
5430.00	74.920	179.920	5126.76	656.89	-656.90	-7.97	1724767.03	247587.11	9.59	
5462.00	78.000	178.910	5134.25	687.98	-688.00	-7.65	1724767.35	247556.01	10.10	
5493.00	80.440	179.340	5140.05	718.41	-718.45	-7.18	1724767.82	247525.56	7.99	
5525.00	82.870	179.490	5144.69	750.05	-750.11	-6.86	1724768.14	247493.91	7.61	
5555.00	83.640	178.930	5145.87	759.97	-760.04	-6.72	1724768.28	247483.98	9.50	
5556.00	85.120	179.470	5147.92	780.85	-780.93	-6.43	1724768.57	247463.08	7.50	
5586.00	88.150	180.110	5149.69	810.78	-810.88	-6.32	1724768.68	247433.14	10.32	
5647.00	91.850	180.370	5149.69	871.76	-871.87	-6.58	1724768.42	247372.15	6.08	
5739.00	91.630	181.950	5146.89	963.71	-963.80	-8.44	1724766.56	247280.21	1.73	
5830.00	91.080	183.610	5144.74	1054.66	-1054.67	-12.85	1724762.15	247189.35	1.92	
5922.00	92.000	183.630	5142.27	1146.56	-1146.45	-18.66	1724756.34	247097.57	1.00	
6013.00	92.620	182.750	5138.60	1237.44	-1237.23	-23.72	1724751.28	247006.79	1.18	
6105.00	91.200	183.170	5135.53	1329.35	-1329.06	-28.47	1724746.54	246914.97	1.61	
6197.00	91.050	184.320	5133.73	1421.26	-1420.84	-34.47	1724740.53	246823.18	1.26	
6289.00	91.080	182.990	5132.02	1513.17	-1512.64	-40.34	1724734.66	246731.39	1.45	
6381.00	90.370	181.450	5130.85	1605.15	-1604.56	-43.90	1724731.10	246639.47	1.84	
6472.00	90.770	180.580	5129.95	1696.14	-1695.54	-45.51	1724729.49	246548.49	1.05	
6564.00	92.560	180.620	5127.27	1788.09	-1787.49	-46.47	1724728.53	246456.54	1.95	
6656.00	92.370	181.210	5123.32	1880.00	-1879.39	-47.94	1724727.06	246364.64	0.67	
6751.00	92.370	181.370	5119.39	1974.92	-1974.29	-50.08	1724724.92	246269.75	0.17	
6846.00	91.630	181.110	5116.07	2069.86	-2069.20	-52.13	1724722.87	246174.83	0.83	
6941.00	92.410	180.650	5112.72	2164.80	-2164.13	-53.59	1724721.41	246079.90	0.95	
7036.00	92.280	180.230	5108.84	2259.70	-2259.05	-54.32	1724720.68	245984.99	0.46	
7131.00	88.210	177.660	5108.43	2354.59	-2354.01	-52.57	1724722.43	245890.03	5.07	
7216.00†	90.474	177.830	5109.41	2439.40	-2438.93	-49.23	1724725.77	245805.11	2.67	Sec 13/24 crossing 7216 MD (5109 TVD) X:1724726 Y:245805 0 FNL 1979 FWL
7226.00	90.740	177.850	5109.30	2449.38	-2448.92	-48.85	1724726.15	245795.12	2.67	
7321.00	92.190	178.420	5106.87	2544.19	-2543.84	-45.76	1724729.24	245700.20	1.64	
7346.00	91.260	177.670	5106.12	2569.13	-2568.81	-44.91	1724730.09	245675.23	4.78	
7441.00	93.850	179.320	5101.89	2663.90	-2663.67	-42.41	1724732.59	245580.37	3.23	
7536.00	93.640	180.580	5095.68	2758.67	-2758.47	-42.33	1724732.67	245485.58	1.34	
7631.00	93.020	181.900	5090.16	2853.50	-2853.28	-44.38	1724730.62	245390.76	1.53	
7726.00	92.070	182.740	5085.94	2948.40	-2948.11	-48.23	1724726.77	245295.94	1.33	
7821.00	92.250	182.580	5082.36	3043.31	-3042.94	-52.63	1724722.37	245201.11	0.25	
7916.00	90.800	182.720	5079.83	3138.25	-3137.80	-57.02	1724717.98	245106.25	1.53	
8011.00	90.680	182.280	5078.61	3233.22	-3232.70	-61.17	1724713.83	245011.35	0.48	
8106.00	89.780	181.160	5078.23	3328.22	-3327.66	-64.02	1724710.98	244916.40	1.51	
8201.00	90.740	181.730	5077.80	3423.22	-3422.62	-66.41	1724708.59	244821.43	1.18	
8296.00	92.860	182.790	5074.81	3518.15	-3517.50	-70.16	1724704.84	244726.56	2.49	
8391.00	92.900	182.480	5070.04	3613.01	-3612.28	-74.52	1724700.48	244631.78	0.33	



Actual Wellpath Report

Sandridge Bennett 3120 1-13H_Final Surveys.
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Bennett 3120 1-13H SL 200 FNL 1980 FWL
Area	Kansas	Well	Subject
Field	Comanche County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Bennett 3120 1-13H Actual
Facility	Bennett 3120 1-13H Sec. 13/24- 31S- 20W		

WELLPATH DATA (102 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
8485.00	92.060	182.980	5065.97	3706.90	-3706.08	-78.99	1724696.01	244537.98	1.04	
8580.00	92.130	182.640	5062.50	3801.81	-3800.90	-83.65	1724691.36	244443.16	0.37	
8675.00	92.400	182.670	5058.74	3896.71	-3895.73	-88.04	1724686.96	244348.34	0.29	
8770.00	90.890	181.540	5056.02	3991.66	-3990.62	-91.53	1724683.47	244253.45	1.98	
8865.00	91.350	181.480	5054.16	4086.64	-4085.57	-94.03	1724680.97	244158.50	0.49	
8960.00	91.020	181.900	5052.19	4181.62	-4180.51	-96.83	1724678.17	244063.56	0.56	
9055.00	91.660	181.460	5049.97	4276.59	-4275.44	-99.62	1724675.38	243968.63	0.82	
9150.00	92.660	180.460	5046.39	4371.52	-4370.35	-101.21	1724673.79	243873.72	1.49	
9245.00	91.730	181.630	5042.75	4466.45	-4465.27	-102.94	1724672.06	243778.81	1.57	
9340.00	89.290	179.990	5041.91	4561.43	-4560.24	-104.28	1724670.72	243683.83	3.09	
9372.00	88.430	180.020	5042.54	4593.41	-4592.24	-104.29	1724670.71	243651.84	2.69	
9420.00	88.430	180.020	5043.86	4641.38	-4640.22	-104.30	1724670.70	243603.86	0.00	Actual BHL 9420 MD (5044 TVD) X:1724671 Y:243604 VS:4641 2202 FNL 1990 FWL

WELLPATH COMPOSITION - Ref Wellbore: Bennett 3120 1-13H Actual Ref Wellpath: AWP (Final)				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	768.00	EMS (Standard)	RIG Surveys	Bennett 3120 1-13H Actual
768.00	9372.00	NaviTrak (Standard)	INTEQ MWD	Bennett 3120 1-13H Actual
9372.00	9420.00	Blind Drilling (std)	Projection to bit	Bennett 3120 1-13H Actual

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	6/13/2013
Job End Date:	6/15/2013
State:	Kansas
County:	Comanche
API Number:	15-033-21712-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Bennett 3120 1-13H
Longitude:	-99.44674019
Latitude:	37.34459971
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,044
Total Base Water Volume (gal):	692,412
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

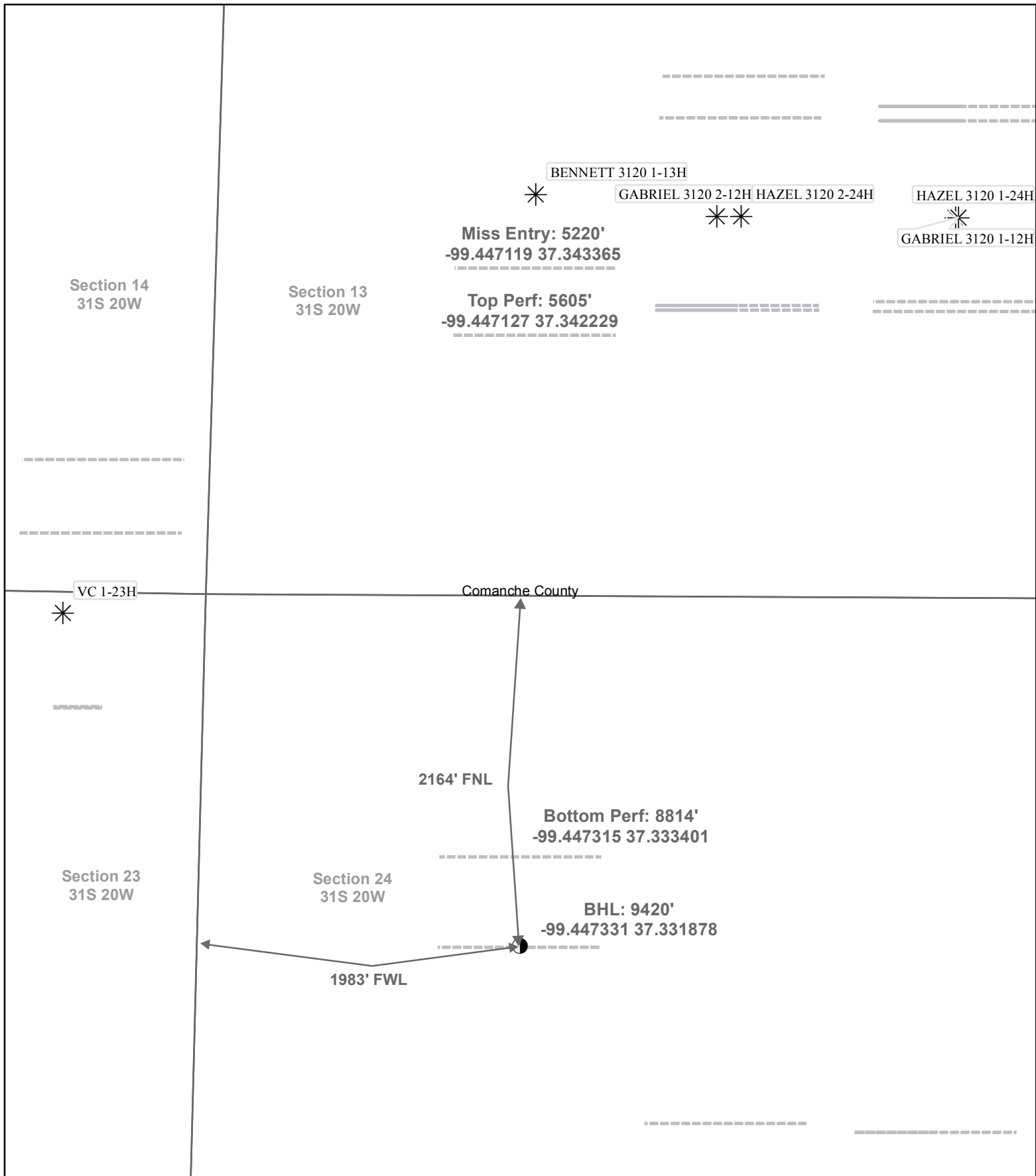
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Company 1	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	87.49017	None
Sand (Proppant)	Company 2	Proppant					
			Silica Substrate	NA	100.00000	10.15660	None
Hydrochloric Acid (15%)	Company 2	Acidizing					
			Hydrochloric Acid	7647-01-0	15.00000	0.30355	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.01049	None
			Methyl Alcohol	67-56-1	80.00000	0.00252	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00047	None
AIC	Archer	Liquid Acid Iron Control					
			Acetic Acid	64-19-7	50.00000	0.00559	None
			Citric Acid	77-92-9	30.00000	0.00335	None
Chemflush	Archer	Enviro-Friendly Chemical Flush					
			Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.00370	None
			Alcohol Ethoxylate Surfactants	NA	10.00000	0.00037	None
Chlorine Dioxide	Sabre Energy Services	Oxidizer					
			Water	7732-18-5	99.90000	0.00073	

			Chlorine Dioxide	10069-04-4	0.40000	0.00073	
Hydrochloric Acid Solutions	Sabre Energy Services	Acidizer					
			Hydrochloric Acid	7647-01-0	32.00000	0.00043	
Sabrechlor 25	Sabre Energy Services	Oxidizer					
			Component A	N/A	1.00000	0.00017	
			Sodium Chlorite	7758-19-2	25.00000	0.00017	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					
			Water	7732-18-5		0.10805	
			WATER	7732-18-5		0.06293	
			Aliphatic Hydrocarbon	64742-47-8		0.05403	
			Anionic Polymer	N/A		0.05403	
			TRADE SECRET	N/A		0.04195	
			Water	7732-18-5		0.02386	
			ISOPROPANOL	67-63-0		0.01049	
			METHANOL	67-56-1		0.01049	
			Oxyalkylated Alcohol	68002-97-1		0.00900	
			Polyol Ester	N/A		0.00900	
			Sodium Salt of Phosphate Ester	68131-72-6		0.00398	
			Acrylic Polymer	28205-96-1		0.00398	
			Water	7732-18-5		0.00391	
			Polyglycol Ester	N/A		0.00180	
			Alcohol Ethoxylate Surfactants	N/A		0.00047	
			n-olefins	N/A		0.00025	
			Propargyl Alcohol	107-19-7		0.00019	
			Tetrasodium Ethylenediaminetetraacetate	64-02-8		0.00018	

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

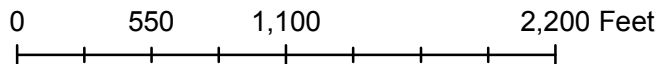
** Information is based on the maximum potential for concentration and thus the total may be over 100%

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)



Actual Bottom-Hole Location of Bennett 3120 1-13H
Comanche County, Kansas
T&R: 31S 20W
Section: 20, 1983' FWL & 2164' FNL
-99.447331 37.331878

1 in = 785 ft



● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

Draftsman:

Aaron Birk

Draft Date: 8/22/2013

Drawing Name/Number:

Addendum_Bennett 3120 1-13H.mxd

Coordinate System:

NAD 1927 State Plane
 Kansas South FIPS: 1502

Remarks

Tiffany Golay 08/12/013 09:33 am	Additional Fluid Mgmt Info: 2760 bbls hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43, Lipscomb, TX
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