



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1087338
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: _____

1087338

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 13, 2012

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

Re: ACO1
API 15-033-21638-01-00
Melissa SWD 3119 1-5
SW/4 Sec.05-31S-19W
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,
Wanda Ledbetter



RIG: Lariat Rig 20

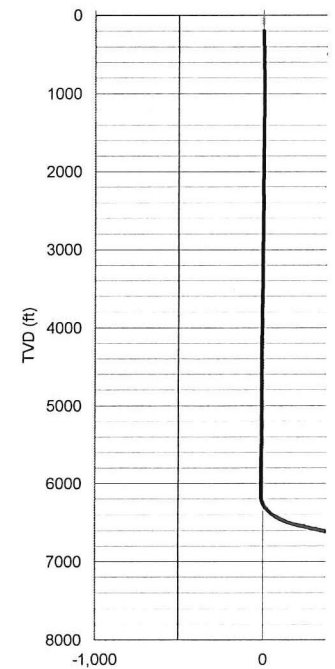
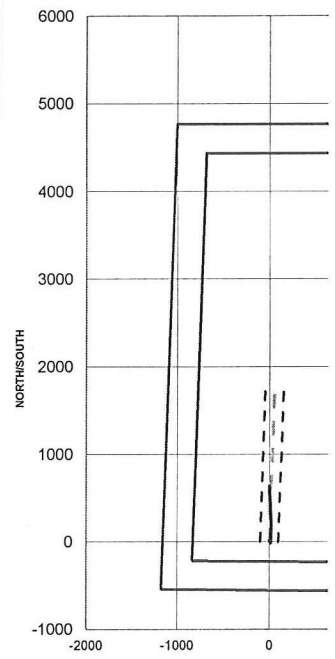
WELL: Melissa SWD 3119 1-5

LOCATION: 551' FSL & 1156' FWL of 5-T31S-R19W

BHL: 2,362' FSL & 1,156' FWL of 5-T31S-R19W

Target Direction:	1.81 deg
North/South Hard Line:	
East/West Hard Line:	

STATION NUMBER	SURVEY DEPTH	INC	AZMTH	TVD	N-S	E-W	VERT. SECTION	DLS/100
Tie-In								
1	200	0.38	71.2	200.00	0.21	0.63	0.23	0.19
2	400	0.40	7.5	400	1	1	1	0
3	600	0.35	343.3	600	2	1	2	0
4	800	0.12	13.8	800	3	1	3	0
5	1000	0.27	45.4	1000	4	2	4	0
6	1200	0.23	153.1	1200	4	2	4	0
7	1400	0.41	147.6	1400	3	3	3	0
8	1600	0.6	122.6	1600	2	4	2	0
9	1800	0.5	162.0	1800	0	5	0	0
10	2000	0.5	118.6	2000	-1	6	-1	0
11	2200	0.4	67.9	2200	-1	7	-1	0
12	2400	0.4	95.0	2400	-1	9	-1	0
13	2600	0.5	144.8	2600	-1	10	-1	0
14	2800	0.3	123.5	2800	-2	11	-2	0
15	3000	0.3	143.7	3000	-3	12	-3	0
16	3200	0.1	192.5	3200	-4	12	-3	0
17	3400	0.6	133.5	3400	-5	13	-4	0
18	3600	0.4	127.1	3600	-6	14	-5	0
19	3800	0.5	157.2	3800	-7	15	-7	0
20	4,000	0.4	156.7	4000	-9	16	-8	0
21	4,200	0.1	119.4	4200	-9	16	-9	0
22	4,400	0.3	104.5	4400	-10	17	-9	0
23	4,600	0.1	19.3	4600	-10	17	-9	0
24	4,800	0.3	74.6	4800	-9	18	-9	0
25	5,000	0.2	141.0	5000	-9	18	-9	0
26	5,200	0.1	124.4	5200	-10	19	-9	0
27	5,400	0.5	190.4	5400	-11	19	-10	0
28	5,600	0.5	224.5	5600	-12	18	-12	0
29	5,800	0.29	176.38	5800	-13	17	-13	0
30	6,012	0.58	285.45	6012	-14	16	-13	0
31	6,127	0.3	247.6	6127	-14	16	-13	0
32	6175	1.30	5.80	6175	-13	15	-13	3
33	6206	4.70	4.50	6206	-11	16	-11	11
34	6236	8.60	5.00	6236	-8	16	-7	13
35	6267	12.50	2.80	6266	-2	16	-2	13
36	6297	17.20	3.50	6295	5	17	6	16
37	6327	21.70	3.40	6323	15	17	16	15
38	6358	25.80	2.10	6352	28	18	28	13
39	6388	30.50	1.10	6378	42	18	43	16
40	6419	35.10	0.60	6404	59	19	59	15
41	6449	38.50	0.40	6428	77	19	77	11
42	6479	42.40	1.60	6451	96	19	97	13
43	6510	46.60	2.40	6473	118	20	118	14
44	6540	50.90	1.40	6493	140	21	141	15
45	6571	55.70	0.10	6511	165	21	166	16
46	6,601	59.9	359.1	6527	191	21	191	14
47	6,631	64.1	358.3	6542	217	20	218	14
48	6,662	64.9	358	6555	245	19	246	3
49	6,723	63.5	356.3	6581	300	16	300	3
50	6,784	64.4	357.1	6608	355	13	355	2
51	6,814	64.4	356.8	6621	382	12	382	1
52	6,875	66	358.3	6647	437	9	437	3
53	6,905	66	358	6659	464	9	464	1
54	6,966	67.1	357	6683	520	6	520	2
55	6,997	67.4	356.9	6695	549	5	549	1
56	7,057	66.3	358.5	6719	604	2	604	3
57	7,088	66.6	358.1	6731	632	2	632	2
58				6731	632	2	632	
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Mid-Continent Conductor, LLC

Invoice

Date	Invoice #
5/16/2012	1327

P.O. Box 1570
Woodward, OK 73802

Phone: (580)254-5400

Fax: (580)254-3242

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
John Fortune	Net 45	5/16/2012	Melissa 1-5 SWD, Comanche Cnty, KS	Lariat 20

Item	Quantity	Description	
Conductor Hole	100	Drilled 100 ft. conductor hole	
20" Pipe	100	Furnished 100 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	
			Subtotal \$23,910.00
			Sales Tax (0.0%) \$0.00
			Total \$23,910.00

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Intermediate Water Spacer		20.00	bbl	8.33	.0	.0	.0	
2	50/50 Poz - Premium	EXTENDACEM (TM) SYSTEM (452981)	250.0	sacks	13.6	1.55	7.42		7.42
	2 %	BENTONITE, BULK (100003682)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	7.419 Gal	FRESH WATER							
3	Premium	HALCEM (TM) SYSTEM (452986)	390.0	sacks	15.6	1.2	5.18		5.18
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.177 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

2.0 JOB SUMMARY

HALLIBURTON


Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2930869		Quote #:		Sales Order #: 9561063							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Hill, Richard									
Well Name: Melissa		Well #: 1-5		API/UWI #:									
Field:		City (SAP): COLDWATER		County/Parish: Comanche		State: Kansas							
Legal Description: Section 05 Township 31S Range 19W													
Contractor: Lariat		Rig/Platform Name/Num: 20											
Job Purpose: Cement Surface Casing													
Well Type: Injection Well				Job Type: Cement Surface Casing									
Sales Person: NGUYEN, VINH		Srcv Supervisor: BURGESS, JONATHAN		MBU ID Emp #: 492943									
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
BURGESS, JONATHAN Jesse	48.0	492943	GORDON, TERRY Wayne	48.0	405259	LONDAGIN, DEVIN Dwain	48.0	500561					
MCKEEVER, TERRY	48.0	0	MOSES, MORAINO	48.0	0								
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
6/2/12	14.5	0	6/3/12	24	0	6/4/12	9.5	2					
TOTAL		Total is the sum of each column separately											
Job				Job Times									
Formation Name				Called Out		Date	Time	Time Zone					
Formation Depth (MD) Top		Bottom		On Location		02 - Jun - 2012	03:30	CST					
Form Type		BHST		Job Started		02 - Jun - 2012	09:30	CST					
Job depth MD		694. ft		Job Depth TVD		04 - Jun - 2012	06:00	CST					
Water Depth		Wk Ht Above Floor		Job Completed		04 - Jun - 2012	08:00	CST					
Perforation Depth (MD) From		To		Departed Loc		04 - Jun - 2012	09:30	CST					
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
Open Hole				17.5					1050.				
Surface Casing	Unknown		13.375	12.415	61.	BTC	J-55		1050.				
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	13.375	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	13.375	1	HES
Stage Tool										Centralzers			
Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
Fluid Data													
Stage/Plug #: 1													
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		

HALLIBURTON

Cementing Job Summary

1	Surface Casing Water Spacer		40.00	bbl	.	.0	.0	3.0	
2	Halliburton Light Standard	EXTENDACEM (TM) SYSTEM (452981)	650.0	sacks	12.4	2.13	11.75	6.0	11.75
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.75 Gal	FRESH WATER							
3	Standard	HALCEM (TM) SYSTEM (452986)	230.0	sacks	15.6	1.2	5.32	4.0	5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 %	POLY-E-FLAKE (101216940)							
	5.32 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	91	Shut In: Instant		Lost Returns	0	Cement Slurry	296	Pad	
Top Of Cement	0	5 Min		Cement Returns	140	Actual Displacement	91	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	427
Rates									
Circulating	6	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	43 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					
									

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2930869	Quote #:	Sales Order #: 9597414
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Hill, Richard	
Well Name: Melissa	Well #: 1-5	API/UWI #:	
Field:	City (SAP): COLDWATER	County/Parish: Comanche	State: Kansas
Legal Description: Section 05 Township 31S Range 19W			
Contractor: Lariat		Rig/Platform Name/Num: Lariat 20	
Job Purpose: Cement Intermediate Casing			
Well Type: Injection Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: FENTON, HARLEY	MBU ID Emp #: 445604

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FENTON, HARLEY F	16.5	445604	SALAZAR, JOSHUA Houston	16.5	494500			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11074725	60 mile	11288844	60 mile	11292445	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6-17-12	17.5	3						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Top	Bottom		Date	Time	Time Zone	
Formation Depth (MD)				Called Out	16 - Jun - 2012	16:00	CST
Form Type	BHST			On Location	16 - Jun - 2012	21:00	CST
Job depth MD	6113. ft	Job Depth TVD	6119. ft	Job Started	17 - Jun - 2012	00:00	CST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	17 - Jun - 2012	02:00	CST
Perforation Depth (MD)	From	To		Departed Loc	17 - Jun - 2012	00:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Intermediate Open Hole Area				12.25				1050.	6018.		
Lower Intermediate Casing	Unknown		9.625	8.681	47.	LTC	13 Cr	6018.	6058.		
Surface Casing	Unknown		13.375	12.415	61.	BTC	J-55	.	1050.		
Upper Intermediate Casing	Unknown		9.625	8.681	47.	BTC	P-110	.	6018.		

Tools and Accessories

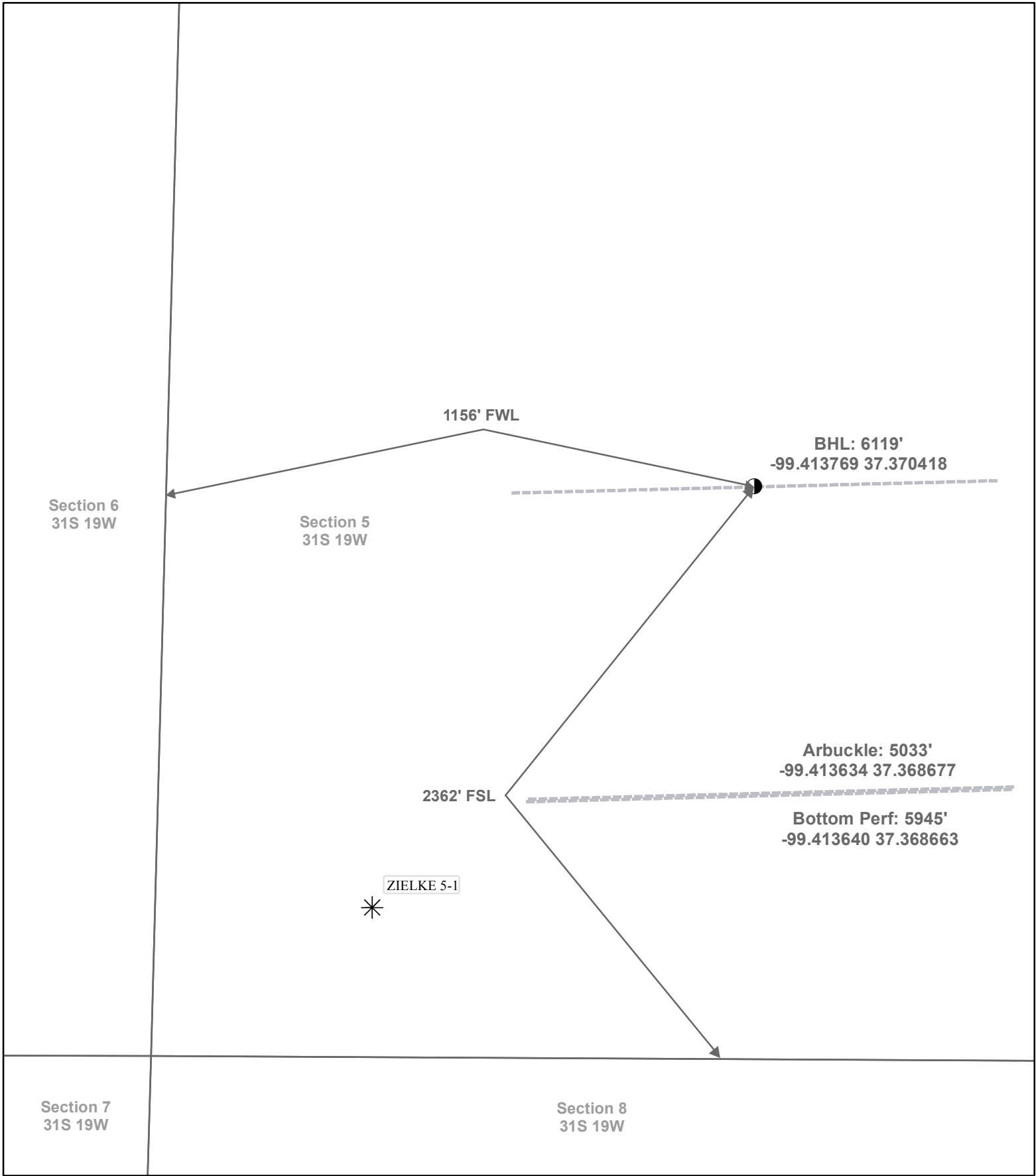
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	HES
Float Shoe	9.625	1	CW4		Bridge Plug					Bottom Plug			
Float Collar	9.625	1	CW4		Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	QL
Stage Tool										Centralizers	9.625	16	

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1



<p>SANDRIDGE THE POWER OF US™</p> <ul style="list-style-type: none"> ● Actual BH Location * SandRidge Wells --- Perf □ Sections 	<p>Actual Bottom-Hole Location of Melissa SWD 3119 1-5 Comanche County, Kansas T&R: 31S 19W Section: 5, 1156' FWL & 2362' FSL Long/Lat: -99.413769 37.370418</p> <p>1 in = 264 ft</p>	Draftsman: Aaron Birk	Draft Date: 7/18/2012
		Drawing Name/Number: Addendum_Melissa_SWD_3119_1-5.mxd	
		Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	