



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1102920  
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: \_\_\_\_\_



1102920

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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Main 2924 1-30H
Doc ID	1102920

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9362-9676	4452 bbls water, 108 bbls acid, 30 bio-balls, 74M lbs sd, 4452 TLTR	
5	8950-9276	4130 bbls water, 108 bbls acid, 30 bio-balls, 75M lbs sd, 8853 TLTR	
5	8544-8864	4205 bbls water, 108 bbls acid, 30 bio-balls, 75M lbs sd, 13058 TLTR	
5	8246-8492	4500 bbls water, 108 bbls acid, 30 bio-balls, 75M lbs sd, 17680 TLTR	
5	7890-8173	4495 bbls water, 108 bbls acid, 30 bio-balls, 74M lbs sd, 22411 TLTR	
5	7240-7530	4251 bbls water, 108 bbls acid, 30 bio-balls, 74M lbs sd, 26755 TLTR	
5	68558-7170	3635 bbls water, 108 bbls acid, 30 bio-balls 75M lbs sd, 30542 TLTR	
5	6466-6782	4271 bbls water, 108 bbls acid, 75M lbs sd, 34865 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Main 2924 1-30H
Doc ID	1102920

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6096-6408	4429 bbls water, 108 bbls acid, 30 bio-balls, 60M lbs sd, 39148 TLTR	
5	5714-6004	4344 bbls water, 108 bbls acid, 30 bio-balls, 82M lbs sd, 43517 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Main 2924 1-30H
Doc ID	1102920

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	75	110	Pro Oilfield Services 14 Sack Grout	14	none
Surface	12.25	9.63	36	1098	Halliburton Extendacem and Swiftcem Systems	415	3% Calcium Chloride, .25lbm Poly-E-Flake
Intermediate	8.75	7	26	5804	Halliburton Econocem and Halcem Systems	300	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Production Liner	6.12	4.5	11.6	9795	Halliburton Econocem System	500	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite

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

January 21, 2013

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

Re: ACO1  
API 15-057-20849-01-00  
Main 2924 1-30H  
NW/4 Sec.30-29S-24W  
Ford 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



Division : 0701  
 Delivery Ticket : 2965  
 Delivery Date : 10/23/2012

P.O. BOX 3660  
 HOUMA, LA 70361-3660

Customer : SAN400

Ordered By :  
 Lease/Well : MAIN 2924 1-30H  
 Rig Name/Number : LARIATE 41  
 AFE Number :  
 Site Contact :

BILL TO : SANDRIDGE ENERGY  
 123 ROBERT S KERR AVENUE  
 OKLAHOMA CITY, OK 73102-6406  
 PHONE: (405) 753-5500 FAX: ()

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	MAIN 2924 1-30H	\$24,575.00	\$0.00	\$24,575.00	10/22/2012 10/22/2012	\$24,575.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
80	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
80	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
14	CEMENT 14 SACK GROUT	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	8' HAY FEEDER	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
1	PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE	\$0.00	\$0.00	\$0.00	10/22/2012 10/22/2012	
Sub Total:		\$24,575.00	\$0.00			\$24,575.00

Print Name

Signature

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2961854	Quote #:	Sales Order #: 9949848
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: New, Jessie	
Well Name: Main 2924	Well #: 1-30H	API/UWI #: 15-057-20849	
Field:	City (SAP): BLOOM	County/Parish: Ford	State: Kansas
Legal Description: Section 30 Township 29S Range 24W			
Contractor: Lariat		Rig/Platform Name/Num: 3	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: AGUILERA, FABIAN	MBU ID Emp #: 442123

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	7.5	442123	GARCIA, ADAM Joe	7.5	531492	HEIDT, JAMES Nicholas	7.5	517102
JOURNAGAN, MICHAEL D	7.5	524224						

### 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
11-07-12	7.5	1						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	06 - Nov - 2012	22:00	CST
Form Type			BHST	On Location	07 - Nov - 2012	04:00	CST
Job depth MD	1102. ft		Job Depth TVD	Job Started	07 - Nov - 2012	10:35	CST
Water Depth			Wk Ht Above Floor	Job Completed	07 - Nov - 2012	11:37	CST
Perforation Depth (MD)	From		To	Departed Loc	07 - Nov - 2012	13:30	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
12.25" Open Hole				12.25					800.		
12.25" Open Hole- Lower				12.25				800.	1100.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		1100.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### 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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	240.0	sacks	12.4	2.11	11.64		11.64
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.637 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	175.0	sacks	15.6	1.2	5.32		5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
4	Displacement		82.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	82 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	127 BBL	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	10 BBL	Actual Displacement	82 BBL	Treatment	
Frac Gradient		15 Min		Spacers	10 BBL	Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	42 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					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2961854	Quote #:	Sales Order #: 900008352
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: New, Jessie	
Well Name: Main 2924	Well #: 1-30H	API/UWI #: 15-057-20849	
Field:	City (SAP): BLOOM	County/Parish: Ford	State: Kansas
Legal Description: Section 30 Township 29S Range 24W			
Contractor: LARIAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srcv Supervisor: UNDERWOOD, BILLY/MBU ID Emp #: 159068	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CRAWFORD, ANDREW B	14.5	480612	HILL, RICKEY Lester	10	457261	UNDERWOOD, BILLY Dale	14.5	159068

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10825967	85 mile	11288856	85 mile	11706678	85 mile	11897022	85 mile
NA	85 mile						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11-16-12	7	0	11-17-12	7.5	0			

TOTAL Total is the sum of each column separately

### Job

### Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	16 - Nov - 2012	14:00	CST
Form Type	BHST		Job Started	16 - Nov - 2012	17:00	CST
Job depth MD	5793. ft		Job Completed	17 - Nov - 2012	06:30	CST
Water Depth	Wk Ht Above Floor		Departed Loc	17 - Nov - 2012	07:30	CST
Perforation Depth (MD)	From	To				

### 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
8.75" Open Hole				8.75				1100.	5793.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5793.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1100.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,7,HWE,5.66 MIN/6.54 MAX CS	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### 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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.53	7.32		7.32
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.321 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.19	5.08		5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement		220.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
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	
<b>Rates</b>									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2961854	Quote #:	Sales Order #: 900035250
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ??, Jessie	
Well Name: Main 2924	Well #: 1-30H	API/UWI #: 15-057-20849	
Field:	City (SAP): BLOOM	County/Parish: Ford	State: Kansas
Legal Description: Section 30 Township 29S Range 24W			
Contractor: LARIAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RODRIGUEZ, EDGAR	MBU ID Emp #: 442125

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	5	442123	MENDOZA, VICTOR	8	442596	NASH, JONATHAN	8	524600
RODRIGUEZ, EDGAR Alejandro	8	442125				JOURNAGAN, MICHAEL	3	524224

### 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
11/29/2012	8	3.5						
TOTAL			<i>Total is the sum of each column separately</i>					

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					28 - Nov - 2012	22:00	CST
Form Type			BHST	On Location	29 - Nov - 2012	02:00	CST
Job depth MD	9801.5 ft		Job Depth TVD	Job Started	29 - Nov - 2012	09:24	CST
Water Depth			Wk Ht Above Floor	Job Completed	29 - Nov - 2012	11:09	CST
Perforation Depth (MD)	From		To	Departed Loc	29 - Nov - 2012	12:50	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
6.125" Open Hole				6.125				5793.	9776.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	5388.	9776.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5793.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5388.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### 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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.3	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	500.0	sacks	13.6	1.53	7.24		7.24
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	2 %	BENTONITE, BULK (100003682)							
	7.24 Gal	FRESH WATER							
3	Displacement		120.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	120	Shut In: Instant		Lost Returns		Cement Slurry	136	Pad	
Top Of Cement	3763.93	5 Min		Cement Returns		Actual Displacement	120	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	286
<b>Rates</b>									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	89.44 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction	Slot	N / S	E / W	Hole Size	Calculation by		Date	
Main 2924 1-13H		181.28	Coordinate						1/28/13	
Job Number		Type of Survey	Tie-in Point				Directional Co.			
0										
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft
						N + / S -	E + / W -			
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>		
250	1	335	250	249.98	-2.54	2.57	-1.20	0.52	0.52	133.95
500	1	335	250	499.91	-7.62	7.70	-3.61	0.00	0.00	0.00
750	1	335	250	749.88	-11.33	11.46	-5.37	0.28	-0.28	0.00
1090	1	335	340	1,089.85	-15.05	15.22	-7.13	0.06	0.06	0.00
1331	1	335	241	1,330.83	-17.88	18.07	-8.47	0.04	-0.04	0.00
1805	0	103	474	1,804.82	-20.21	20.41	-8.45	0.20	-0.08	-48.91
2270	0	227	465	2,269.82	-19.08	19.27	-8.15	0.12	0.00	26.74
2741	1	249	471	2,740.80	-16.94	17.22	-12.11	0.11	0.10	4.50
3213	1	276	472	3,212.73	-16.10	16.54	-19.65	0.12	0.07	5.91
3678	1	304	465	3,677.63	-19.38	20.03	-28.53	0.13	0.05	5.89
4142	2	266	464	4,141.46	-21.50	22.41	-40.76	0.26	0.13	-8.23
4350	2	273	208	4,349.34	-21.25	22.32	-47.60	0.12	-0.04	3.51
4381	2	272	31	4,380.33	-21.27	22.36	-48.60	0.14	0.00	-4.26
4412	2	258	31	4,411.31	-21.16	22.28	-49.57	1.44	-0.29	-44.81
4443	2	236	31	4,442.30	-20.80	21.94	-50.39	2.12	-0.58	-70.58
4474	2	208	31	4,473.28	-20.07	21.21	-51.00	3.08	1.42	-88.45
4505	3	193	31	4,504.26	-18.86	20.02	-51.43	3.05	2.29	-49.35
4536	4	186	31	4,535.21	-17.16	18.33	-51.70	3.13	2.84	-24.10
4567	5	180	31	4,566.12	-14.81	15.98	-51.79	5.01	4.81	-19.00
4599	7	178	32	4,597.96	-11.58	12.74	-51.71	4.46	4.41	-6.84
4632	8	177	33	4,630.69	-7.40	8.55	-51.49	4.80	4.79	-2.94
4664	10	176	32	4,662.28	-2.36	3.50	-51.15	6.33	6.31	-2.75
4695	12	175	31	4,692.68	3.68	-2.55	-50.64	7.70	7.68	-3.13
4727	15	176	32	4,723.79	11.11	-10.00	-50.07	6.42	6.31	4.97
4758	17	174	31	4,753.62	19.50	-18.40	-49.39	8.40	8.23	-6.26
4790	20	174	32	4,783.99	29.51	-28.43	-48.35	8.27	8.25	-1.91
4822	22	175	32	4,813.86	40.90	-39.85	-47.21	8.31	8.25	2.75
4853	25	175	31	4,842.20	53.36	-52.34	-46.04	9.90	9.90	-0.29
4883	28	175	30	4,868.95	66.85	-65.86	-44.81	9.98	9.97	1.17
4914	31	176	31	4,895.81	82.24	-81.28	-43.58	10.06	9.94	3.13
4946	35	176	32	4,922.57	99.70	-98.78	-42.38	11.01	11.00	0.81
4977	38	177	31	4,947.55	117.99	-117.10	-41.25	8.45	8.39	1.71
5008	40	177	31	4,971.78	137.27	-136.41	-40.17	6.46	6.45	0.55
5039	41	177	31	4,995.38	157.31	-156.47	-39.14	5.21	5.16	1.13
5071	43	177	32	5,019.05	178.78	-177.97	-37.99	6.99	6.87	-1.91
5102	45	177	31	5,041.26	200.34	-199.57	-36.75	5.50	5.48	0.58
5132	47	176	30	5,062.06	221.88	-221.15	-35.47	6.75	6.67	-1.47
5162	49	177	30	5,082.05	244.17	-243.47	-34.10	7.36	7.33	0.87
5193	51	177	31	5,101.98	267.84	-267.18	-32.74	4.54	4.52	0.58
5222	51	177	29	5,120.30	290.25	-289.61	-31.48	0.76	0.72	-0.31
5253	51	177	31	5,139.79	314.28	-313.68	-30.10	0.87	0.87	0.00
5285	51	177	32	5,159.82	339.16	-338.60	-28.69	0.57	0.53	0.28
5317	52	177	32	5,179.76	364.11	-363.59	-27.30	0.56	0.56	0.00
5347	51	177	30	5,198.45	387.51	-387.02	-25.95	0.56	-0.30	-0.60
5379	52	177	32	5,218.35	412.48	-412.04	-24.56	1.02	0.56	1.09
5410	54	177	31	5,237.11	437.10	-436.68	-23.31	7.39	7.35	0.84
5441	57	178	31	5,254.67	462.58	-462.20	-22.22	10.36	10.23	2.00
5472	60	178	31	5,270.90	488.95	-488.59	-21.30	8.80	8.77	0.84
5504	63	178	32	5,286.28	516.97	-516.64	-20.47	9.40	9.34	1.12
5536	66	179	32	5,300.16	545.77	-545.46	-19.88	9.55	9.34	2.19
5567	68	180	31	5,312.32	574.27	-573.98	-19.69	7.83	7.39	2.84
5599	70	181	32	5,323.86	604.11	-603.82	-19.98	5.68	4.94	3.00
5629	72	182	30	5,333.78	632.42	-632.12	-20.68	7.47	7.03	2.67
5661	75	182	32	5,342.98	663.07	-662.75	-21.67	9.63	9.62	0.25
5691	78	182	30	5,349.98	692.23	-691.90	-22.69	11.15	11.13	0.60
5723	82	181	32	5,355.63	723.73	-723.38	-23.64	10.66	10.44	-2.19
5753	85	181	30	5,359.28	753.50	-753.14	-24.31	9.98	9.97	-0.60

# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot	N / S	E / W	Hole Size	Calculation by		Date	
Main 2924 1-13H		181.28		Coordinate						1/28/13	
Job Number		Type of Survey		Tie-in Point				Directional Co.			
0											
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft	
						N + / S -	E + / W -				
<< TIE-IN POINT >>											
0	0	0	0	0.00	0.00						
5765	86	181	12	5,360.28	765.46	-765.10	-24.55	11.77	11.75	-0.75	
5789	88	181	24	5,361.48	789.42	-789.06	-25.01	10.26	10.26	0.00	
5816	90	182	27	5,361.89	816.42	-816.05	-25.72	6.37	5.65	2.93	
5848	91	182	32	5,361.75	848.42	-848.03	-26.78	2.19	2.19	0.00	
5879	91	182	31	5,361.26	879.41	-879.01	-27.92	2.33	1.94	1.29	
5911	93	182	32	5,360.23	911.39	-910.97	-29.06	4.35	4.06	-1.56	
5942	93	181	31	5,358.82	942.36	-941.93	-29.87	2.04	0.65	-1.94	
5974	92	180	32	5,357.56	974.33	-973.90	-30.26	4.20	-2.81	-3.13	
6005	91	179	31	5,356.86	1,005.31	-1,004.89	-30.13	4.34	-3.23	-2.90	
6037	90	179	32	5,356.69	1,037.29	-1,036.88	-29.63	3.37	-3.13	-1.25	
6069	89	179	32	5,356.97	1,069.25	-1,068.87	-28.90	2.25	-1.87	-1.25	
6101	90	178	32	5,357.22	1,101.21	-1,100.86	-27.92	2.69	2.19	-1.56	
6132	90	178	31	5,357.20	1,132.15	-1,131.84	-26.73	1.61	0.97	-1.29	
6164	88	178	32	5,357.78	1,164.08	-1,163.80	-25.39	7.81	-7.81	0.00	
6196	87	178	32	5,359.21	1,195.98	-1,195.74	-24.08	1.59	-1.56	0.31	
6228	87	178	32	5,360.77	1,227.88	-1,227.68	-22.83	0.31	0.00	0.31	
6259	88	178	31	5,362.04	1,258.80	-1,258.63	-21.66	2.92	2.90	0.32	
6291	90	178	32	5,362.71	1,290.73	-1,290.60	-20.41	4.47	4.38	-0.94	
6323	90	177	32	5,362.77	1,322.66	-1,322.56	-18.99	2.67	2.50	-0.94	
6354	91	178	31	5,362.50	1,353.59	-1,353.54	-17.71	2.60	1.29	2.26	
6386	92	179	32	5,361.86	1,385.54	-1,385.52	-16.74	3.22	2.81	1.56	
6417	92	179	31	5,360.83	1,416.50	-1,416.49	-16.09	2.74	1.94	1.94	
6449	93	180	32	5,359.52	1,448.45	-1,448.46	-15.73	1.82	0.94	1.56	
6480	93	180	31	5,357.97	1,479.40	-1,479.42	-15.54	2.28	2.26	0.32	
6512	93	181	32	5,356.22	1,511.35	-1,511.37	-15.62	2.83	-0.31	2.81	
6544	93	181	32	5,354.62	1,543.30	-1,543.33	-16.12	2.44	-1.56	1.87	
6575	92	182	31	5,353.41	1,574.28	-1,574.30	-16.91	2.77	-2.26	1.61	
6607	91	182	32	5,352.65	1,606.27	-1,606.27	-17.88	3.45	-3.44	0.31	
6638	90	181	31	5,352.46	1,637.27	-1,637.26	-18.72	3.32	-2.90	-1.61	
6670	90	181	32	5,352.60	1,669.27	-1,669.25	-19.36	1.33	-0.94	-0.94	
6702	90	181	32	5,352.63	1,701.27	-1,701.25	-20.01	2.38	2.19	0.94	
6733	90	182	31	5,352.63	1,732.27	-1,732.23	-20.95	3.49	-1.94	2.90	
6765	89	183	32	5,353.02	1,764.26	-1,764.20	-22.40	3.54	-2.50	2.50	
6797	89	183	32	5,353.55	1,796.24	-1,796.15	-24.11	0.99	0.94	0.31	
6828	90	183	31	5,353.85	1,827.22	-1,827.10	-25.81	1.64	1.61	0.32	
6860	91	183	32	5,353.79	1,859.20	-1,859.05	-27.46	2.95	2.50	-1.56	
6892	91	183	32	5,353.29	1,891.19	-1,891.01	-28.99	2.52	2.50	0.31	
6923	92	182	31	5,352.32	1,922.16	-1,921.97	-30.40	3.47	3.23	-1.29	
6955	92	182	32	5,351.15	1,954.14	-1,953.92	-31.65	1.56	-1.25	-0.94	
6987	91	182	32	5,350.25	1,986.12	-1,985.89	-32.82	1.87	-1.88	0.00	
7018	90	182	31	5,349.90	2,017.12	-2,016.87	-33.85	4.39	-4.19	-1.29	
7050	90	181	32	5,350.04	2,049.12	-2,048.86	-34.63	2.44	-1.56	-1.87	
7081	89	183	31	5,350.47	2,080.11	-2,079.84	-35.61	4.91	-1.94	4.52	
7113	89	183	32	5,351.00	2,112.10	-2,111.80	-37.12	1.56	0.94	1.25	
7144	90	183	31	5,351.25	2,143.08	-2,142.75	-38.71	2.28	2.26	0.32	
7176	91	184	32	5,351.08	2,175.06	-2,174.70	-40.52	2.95	2.50	1.56	
7208	90	184	32	5,350.86	2,207.03	-2,206.63	-42.65	2.65	-1.88	1.87	
7239	91	184	31	5,350.69	2,238.00	-2,237.56	-44.73	2.07	1.29	-1.61	
7271	90	182	32	5,350.61	2,269.99	-2,269.52	-46.35	4.89	-2.19	-4.38	
7303	90	181	32	5,350.61	2,301.99	-2,301.51	-47.21	4.25	1.25	-4.06	
7334	89	181	31	5,350.75	2,332.98	-2,332.50	-47.62	3.06	-2.90	-0.97	
7366	89	180	32	5,351.16	2,364.98	-2,364.50	-47.90	0.70	-0.31	-0.62	
7398	90	180	32	5,351.47	2,396.97	-2,396.50	-47.92	2.69	1.56	-2.19	
7430	90	179	32	5,351.50	2,428.95	-2,428.50	-47.64	2.00	1.56	-1.25	
7461	91	178	31	5,351.23	2,459.92	-2,459.49	-47.00	3.76	1.94	-3.23	
7493	91	180	32	5,350.81	2,491.89	-2,491.48	-46.47	4.70	-0.31	4.69	
7525	91	180	32	5,350.25	2,523.88	-2,523.47	-46.49	2.44	1.87	1.56	

# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot	N / S	E / W	Hole Size	Calculation by		Date
Main 2924 1-13H		181.28		Coordinate						1/28/13
Job Number		Type of Survey		Tie-in Point			Directional Co.			
0										
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up %/100 ft	Walk/ %/100 ft
						N + / S -	E + / W -			
0	0	0	0	0.00	0.00					<< TIE-IN POINT >>
7556	92	181	31	5,349.30	2,554.86	-2,554.46	-46.76	3.18	2.90	1.29
7588	91	181	32	5,348.30	2,586.85	-2,586.44	-47.35	3.32	-2.50	2.19
7619	91	182	31	5,347.76	2,617.84	-2,617.42	-48.27	3.23	-2.58	1.94
7651	90	182	32	5,347.70	2,649.84	-2,649.39	-49.47	3.26	-3.13	0.94
7682	89	182	31	5,348.22	2,680.83	-2,680.37	-50.50	4.39	-3.55	-2.58
7714	89	182	32	5,349.00	2,712.82	-2,712.35	-51.47	1.68	0.63	1.56
7746	88	182	32	5,350.03	2,744.80	-2,744.31	-52.62	3.45	-3.44	0.31
7777	86	182	31	5,351.65	2,775.75	-2,775.25	-53.70	3.92	-3.87	-0.65
7809	87	182	32	5,353.64	2,807.69	-2,807.17	-54.70	0.70	0.31	-0.63
7841	87	182	32	5,355.56	2,839.63	-2,839.10	-55.68	0.44	0.31	0.31
7873	86	182	32	5,357.68	2,871.56	-2,871.01	-56.82	2.95	-2.50	1.56
7904	87	183	31	5,359.76	2,902.48	-2,901.91	-58.14	2.46	2.26	0.97
7936	87	182	32	5,361.61	2,934.42	-2,933.83	-59.51	1.56	1.25	-0.94
7968	87	182	32	5,363.22	2,966.38	-2,965.76	-60.65	2.00	1.25	-1.56
7999	88	181	31	5,364.50	2,997.35	-2,996.73	-61.38	3.68	2.26	-2.90
8032	88	181	33	5,365.59	3,030.33	-3,029.71	-61.84	0.86	0.61	-0.61
8063	89	181	31	5,366.48	3,061.32	-3,060.69	-62.22	0.97	0.97	0.00
8095	90	181	32	5,367.04	3,093.31	-3,092.68	-62.69	3.26	3.13	0.94
8126	90	181	31	5,367.07	3,124.31	-3,123.68	-63.18	2.97	2.90	-0.65
8158	90	181	32	5,367.10	3,156.31	-3,155.67	-63.74	3.08	-2.81	1.25
8190	90	181	32	5,367.29	3,188.31	-3,187.67	-64.35	1.13	0.94	-0.62
8221	91	181	31	5,367.21	3,219.31	-3,218.66	-64.84	2.35	2.26	-0.65
8253	90	182	32	5,366.99	3,251.31	-3,250.66	-65.48	2.27	-0.63	2.19
8285	90	182	32	5,366.82	3,283.31	-3,282.64	-66.46	1.56	0.00	1.56
8317	90	183	32	5,366.71	3,315.30	-3,314.61	-67.77	2.28	-0.63	2.19
8348	91	183	31	5,366.52	3,346.29	-3,345.58	-69.23	1.61	1.61	0.00
8380	89	183	32	5,366.57	3,378.28	-3,377.54	-70.77	4.39	-4.37	0.31
8411	89	183	31	5,366.98	3,409.26	-3,408.50	-72.34	0.72	0.32	0.65
8443	90	183	32	5,367.31	3,441.25	-3,440.46	-73.87	1.68	0.63	-1.56
8474	90	182	31	5,367.45	3,472.25	-3,471.43	-75.12	2.07	1.61	-1.29
8506	91	182	32	5,367.28	3,504.24	-3,503.41	-76.26	1.90	1.87	-0.31
8538	91	182	32	5,366.95	3,536.24	-3,535.39	-77.40	0.31	0.00	0.31
8570	89	182	32	5,367.03	3,568.23	-3,567.37	-78.58	4.69	-4.69	0.00
8602	90	184	32	5,367.28	3,600.22	-3,599.32	-80.20	5.74	2.81	5.00
8633	92	184	31	5,366.77	3,631.18	-3,630.25	-82.33	6.34	6.13	1.61
8665	93	183	32	5,365.54	3,663.12	-3,662.15	-84.42	3.38	1.87	-2.81
8696	91	183	31	5,364.51	3,694.09	-3,693.09	-86.07	4.19	-3.87	-1.61
8728	90	183	32	5,364.12	3,726.08	-3,725.05	-87.61	3.76	-3.75	-0.31
8759	90	183	31	5,364.23	3,757.07	-3,756.02	-89.09	1.96	-1.94	0.32
8791	88	183	32	5,364.87	3,789.05	-3,787.97	-90.63	4.07	-4.06	-0.31
8822	88	183	31	5,365.87	3,820.02	-3,818.92	-92.11	0.46	-0.32	0.32
8854	88	183	32	5,366.85	3,852.00	-3,850.87	-93.59	1.33	0.94	-0.94
8917	90	182	63	5,367.89	3,914.98	-3,913.81	-96.12	2.16	2.06	-0.63
8980	90	182	63	5,367.89	3,977.98	-3,976.78	-98.16	1.24	0.95	-0.79
9044	91	181	64	5,367.28	4,041.97	-4,040.75	-99.83	0.84	0.78	-0.31
9075	91	181	31	5,366.68	4,072.97	-4,071.74	-100.40	2.97	1.94	-2.26
9107	92	181	32	5,365.71	4,104.95	-4,103.72	-100.82	2.21	2.19	0.31
9170	94	180	63	5,362.63	4,167.87	-4,166.64	-101.48	2.31	2.22	-0.63
9202	94	180	32	5,360.56	4,199.80	-4,198.57	-101.53	2.25	1.25	-1.87
9234	95	179	32	5,358.22	4,231.70	-4,230.49	-101.31	2.25	1.87	-1.25
9266	96	179	32	5,355.38	4,263.55	-4,262.36	-100.95	3.76	3.75	-0.31
9297	95	180	31	5,352.41	4,294.39	-4,293.21	-100.68	1.82	-1.29	1.29
9329	94	180	32	5,349.87	4,326.28	-4,325.11	-100.68	5.05	-4.69	1.88
9360	93	180	31	5,348.08	4,357.22	-4,356.06	-100.68	3.76	-3.23	-1.94
9392	93	180	32	5,346.44	4,389.17	-4,388.02	-100.51	0.94	0.94	0.00
9423	93	180	31	5,344.92	4,420.12	-4,418.98	-100.38	1.96	-1.94	0.32
9455	92	180	32	5,343.67	4,452.08	-4,450.96	-100.29	1.59	-1.56	0.31





Section 24  
29S 25W

Section 19  
29S 24W

MAIN 2924 1-30H



Miss Entry: 5683'  
-99.99531 37.499639

Top Perf: 5714'  
-99.995312 37.49947

Section 25  
29S 25W

Section 30  
29S 24W

Bottom Perf: 9362'  
-99.995377 37.489573

BHL: 9795'  
-99.995352 37.488379

652' FWL

351' FSL

Section 36  
29S 25W

Section 31  
29S 24W



**Actual Bottom-Hole Location of Main 2924 1-30H**  
Ford County, Kansas  
T&R: 29S 24W  
Section: 30, 652' FWL & 351' FSL  
Long/Lat: -99.995352 37.488379  
1 in = 667 ft

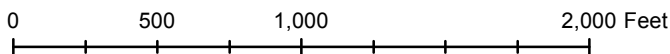


● Actual BH Location

\* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 1/30/2013

Drawing Name/Number:

Addendum\_Main\_1-30H .mxd

Coordinate System:

NAD 1927 State Plane  
Kansas South FIPS: 1502

Remarks

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Tiffany Golay 02/11/013 10:13 am	Frac Disclosure uploaded to FracFocus
Tiffany Golay 02/11/013 09:44 am	TVD= 5,338'
Tiffany Golay 01/28/013 09:08 am	Conductor weight= 133 lbs/ft