



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1158431
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: _____



1158431

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	CJR 3417 1-9
Doc ID	1158431

Tops

Name	Top	Datum
Heebner	4173	-2393
Lansing	4370	-2590
Swope	4728	-2948
Marmaton	4883	-3103
Oswego	4933	-3153
Pawnee	4970	-3190
Cherokee	4994	-3214
Miss/MRMC	5079	-3299
OSGE	5244	-3464

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	CJR 3417 1-9
Doc ID	1158431

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	4974 - 4979	Sand Frac	4974-5064
2	5000 - 5006		
2	5061 - 5064		
2	5093 - 5067	Sand Frac	5093 - 5134
2	5117 - 5124		
2	5128 - 5134		
2	5375 - 5384	Sand Frac	5375-5398
2	5389 - 5391		
2	5395 - 5398		

RECEIVED

MAY 28 2013

HALLIBURTON

Cementing Job Summary

REGULATORY DEPT

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2998976	Quote #:	Sales Order #: 900449819
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ., Bruce	
Well Name: CJR 3417	Well #: 1-9	API/UWI #:	
Field:	City (SAP): COLDWATER	County/Parish: Comanche	State: Kansas
Contractor: Pistol Rig	Rig/Platform Name/Num: 7		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ESTRADA, JOSE Corral	9	541275	MENDOZA, VICTOR	9	442596	WILTSHIRE, MERSHEK TonJe	9	195811
YANEZ, BENJAMIN	9	538038						

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

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top	Bottom		Called Out	12 - May - 2013	06:30	CST
Form Type	BHST			On Location	19 - May - 2013	12:00	CST
Job depth MD	665. ft		Job Depth TVD	Job Started	19 - May - 2013	18:36	CST
Water Depth	Wk Ht Above Floor			Job Completed	19 - May - 2013	19:24	CST
Perforation Depth (MD)	From	To		Departed Loc	13 - May - 2013	21:30	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					670.		
8.625" Surface Casing	Unknown		8.625	8.097	24.	STC	J-55		670.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		

Tools and Accessories

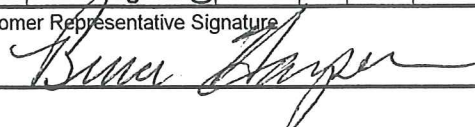
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

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 ³ /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)	250.0	sacks	12.4	2.11	11.57		11.57
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.571 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	110.0	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		40.00	bbl	8.33	.0	.0	.0	
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	47 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 					

RECEIVED

JUN 4 2013

Cementing Job Summary

HALLIBURTON

REGULATORY DEPT
SANDRIDGE ENERGY

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2998976	Quote #:	Sales Order #: 900467020
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: ., Bruce	
Well Name: CJR 3417	Well #: 1-9	API/UWI #: 15-033-21716	
Field:	City (SAP): COLDWATER	County/Parish: Comanche	State: Kansas
Legal Description: Section 9 Township 34S Range 17W			
Contractor: Pistol Rig		Rig/Platform Name/Num: 7	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: VILLARREAL, ARTURO	MBU ID Emp #: 106127

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DALRYMPLE, BRIAN Kieth	10	456242	LUNA, FERNANDO Anthony	10	470139	VILLARREAL, ARTURO	10	106127

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
5-29-13	4	0	5-30-13	5	2.5			

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone	
Form Type			BHST	Called Out			
Job depth MD	5685. m		Job Depth TVD	On Location			
Water Depth			Wk Ht Above Floor	Job Started			
Perforation Depth (MD)	From		To	Job Completed	20 - May - 2013	02:00	GMT
				Departed Loc			

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m
8.75" Open Hole				8.75				700.	5700.		
5.5" Production Casing	Unknown		5.5	4.892	17.	LTC	L-80		5700.		
8.625" Surface Casing	Unknown		8.625	8.097	24.	STC	J-55		700.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP PLSTC, 5 1/2 13-23PPF, 4.49	1	EA		

Tools and Accessories

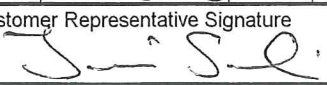
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

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

Fluid Data

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Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne
1	Rig Supplied Gel Spacer			bbl	8.5	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	550	sacks	12.	2.23	12.4		12.4
	0.2 %	HR-800, 50 LB SACK (101619742)							
	3 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	6 %	BENTONITE, BULK (100003682)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	12.395 Gal	FRESH WATER							
3	Tail Cement	ECONOCEM (TM) SYSTEM (452992)	300	sacks	13.6	1.51	6.89		6.89
	5 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	0.25 %	SA-1015, 50 LB SACK (102077046)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	6.886 Gal	FRESH WATER							
4	Displacement			bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	130	Shut In: Instant		Lost Returns	NO	Cement Slurry	298	Pad	
Top Of Cement	1649	5 Min		Cement Returns	NO	Actual Displacement	130	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	5	Avg. Job			5
Cement Left In Pipe	Amount	84 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 					



Spud Date 5/19/2013

Current

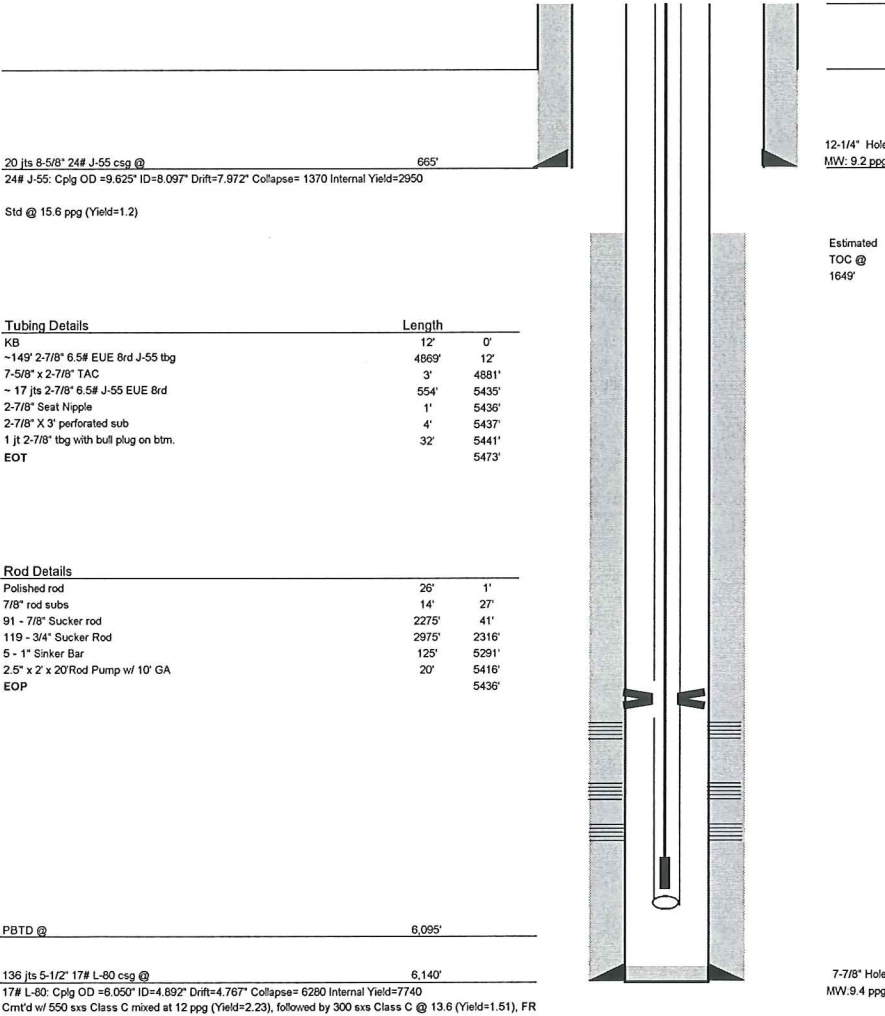
Field Shimmer South
 County Comanche
 State KS
 Well CJR 3417 1-9
 SH Location SEC 9, TWP 34S, RNG 17W
 Elevations 1782' KB; 1770' GL

Wellbore Schematic

15-033-21716
 API No.

Original Completion (7/17/13)	X
Current	X
Workover	
Proposed	

Well Bore Data MD TVD



Tubing Details	Length
KB	12' 0"
~149' 2-7/8" 6.5# EUE 8rd J-55 tbg	4869' 12"
7-5/8" x 2-7/8" TAC	3' 4881'
~ 17 jts 2-7/8" 6.5# J-55 EUE 8rd	554' 5435'
2-7/8" Seat Nipple	1' 5436'
2-7/8" X 3" perforated sub	4' 5437'
1 jt 2-7/8" tbg with bull plug on btm.	32' 5441'
EOT	5473'

Rod Details	Length
Polished rod	26' 1"
7/8" rod subs	14' 27"
91 - 7/8" Sucker rod	2275' 41"
119 - 3/4" Sucker Rod	2975' 2316'
5 - 1" Sinker Bar	125' 5291'
2.5" x 2" x 20' Rod Pump w/ 10" GA	20' 5416'
EOP	5436'

Stage 3 Perfs @	Formation	Top	Bottom	Phasing	Feet	SPF	Shots
	Penn/Marm	5061'	5064'	120'	3'	2'	6'
	Penn/Marm	5000'	5006'	120'	6'	2'	12'
	Penn/Marm	4974'	4979'	120'	5'	2'	10'

Stage 2 Perfs @	Formation	Top	Bottom	Phasing	Feet	SPF	Shots
	Miss "A"	5128'	5134'	120'	6'	2'	12'
	Miss "A"	5117'	5124'	120'	7'	2'	14'
	Miss "A"	5093'	5097'	120'	4'	2'	8'

Stage 1 Perfs @	Formation	Top	Bottom	Phasing	Feet	SPF	Shots
	Lower Mississipp	5375'	5384'	120'	9'	6'	54'
	Lower Mississipp	5389'	5391'	120'	2'	2'	4'
	Lower Mississipp	5395'	5398'	120'	3'	2'	6'

The stimulation of the CJR 3417 1-9 stage #1 consisted of 1,086 bbls of 30# linear fluid. This fluid was laden with 38,000 lbs of 30/50 mesh sand at a concentration of .50 ppg to 4.0 ppg. 500 gal of 15% HCl acid was pumped on spot for the next stage and 4,494 gal of 4% KCl water was used to flush the well.

The CJR 3417 1-9 stage #1 was pumped at an average rate of 20.1 bpm and an average surface pressure of 1,321 psi. The formation broke down at 1,923 psi, its ISIP was 598 psi. A 5 – 10 – 15 minute shut in was recorded as 517 psi, 491 psi, and 474 psi.

Please see the attached Meyers charts for you reference.

Brian Ford
Field Technical Representative
432-385-5054

The stimulation of the CJR 3417 1-9 stage #2 consisted of 1,803 bbls of 20# linear fluid. This fluid was laden with 15,000 lbs of 30/50 mesh sand at a concentration of .25 ppg to 1.0 ppg. 9,000 gal of 15% Gelled HCl acid was pumped into formation. 20 1.3 SG 1.0" RCN ball sealers were used as diverters half way through the stage.

The CJR 3417 1-9 stage #1 was pumped at an average rate of 12.1 bpm and an average surface pressure of 1,040 psi. The formation broke down at 2,298 psi, its ISIP was 587 psi. A 5 – 10 – 15 minute shut in was recorded as 491 psi, 469 psi, and 453 psi.

Please see the attached Meyers charts for you reference.

Brian Ford
Field Technical Representative
432-385-5054

The stimulation of the CJR 3417 1-9 stage #3 consisted of 1,581 bbls of 20# linear fluid. This fluid was laden with 15,500 lbs of 30/50 mesh sand at a concentration of .25 ppg to 1.0 ppg. 9,000 gal of 15% Gelled HCl acid was pumped into formation. 1.3 SG 1.0" RCN ball sealers were used as diverters half way through the stage.

The CJR 3417 1-9 stage #3 was pumped at an average rate of 12.1 bpm and an average surface pressure of 1,767 psi. The formation broke down at 2,510 psi, its ISIP was 1,851 psi. A 5 – 10 – 15 minute shut in was recorded as 1,851 psi, 1,721 psi, and 1,686 psi.

Please see the attached Meyers charts for you reference.

Brian Ford
Field Technical Representative
432-385-5054

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

September 13, 2013

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

Re: ACO1
API 15-033-21716-00-00
CJR 3417 1-9
NE/4 Sec.09-34S-17W
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