Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1153442

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 # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Wanda Ledbetter
Phone: (405) 429-5500
CONTRACTOR: License # 34891
Name: KOBY OILFIELD SERVICE, LLC
Wellsite Geologist: Alan Tiedman
Purchaser: NA

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: Becker Oil Corporation
Well Name: Burtis 1
Original Comp. Date: 9/7/1991 Original Total Depth: 4850

☐ 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 #:

04/13/2013		7/16/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-21017-00-01
Spot Description:
E2 - E2 - NW - SW Sec. 6 Twp. 21 S. R. 33 ☐ East ☑ West
1980 Feet from ☐ North / ☑ South Line of Section
4153 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: Campbell 2133 Well #: 1-6
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 2929 Kelly Bushing: 2940
Total Vertical Depth: 4850 Plug Back Total Depth: 4795
Amount of Surface Pipe Set and Cemented at: 440 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: 08/09/2013
☑ **Confidential Release Date:** 08/09/2015
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 08/12/2013

1153442

Operator Name: SandRidge Exploration and Production LLC Lease Name: Campbell 2133 Well #: 1-6

Sec. 6 Twp. 21 S. R. 33 ☐ East ☑ West County: Finney

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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Pulse Neutron Density Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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
☑ Perforate ☐ Protect Casing ☐ Plug Back TD ☑ Plug Off Zone	4698-4710	Halcem	100	Class H Neat cmt and water
	-			

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 *(Amount and Kind of Material Used)*	Depth
3	4734-4757	see attached	
3	4562-4651		

TUBING RECORD: Size: 2.75 Set At: 4532 Packer At: 4473

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 7/17/2013

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		0			

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL: 4648-4562

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Campbell 2133 1-6
Doc ID	1153442

Tops

Name	Top	Datum
Blaine	1394	1502
Cedar Hills	1614	1736
Stone Corral	2020	2110
Wellington	2322	
Hutchinson Salt	2405	
Hollenberg	2559	
Herington Limestone	2586	
Chase	2586	
Paddock	2590	
Krider		
Odell	2608	
winfield	2646	
Gage	2659	
Topeka	3545	
Shawnee	3611	
Heebner	3826	
Lansing	3918	
Iola	4020	
Atoka Limestone	4540	
Mississippian	4698	
St Louis	4718	
Cherokee	4473	
Marmaton	4351	
Ste Genevieve	4704	

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2994474	**Quote #:**	**Sales Order #:** 900386617
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** ., Steve	
Well Name: Campbell 2133	**Well #:** 1-6		**API/UWI #:**
Field:	**City (SAP):** GARDEN CITY	**County/Parish:** Finney	**State:** Kansas
Contractor: WORKOVER	**Rig/Platform Name/Num:**		
Job Purpose: Squeeze Perfs			
Well Type: Development Well	**Job Type:** Squeeze Perfs		
Sales Person: CRAWFORD, ROBERT	**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	15	442123	NASH, ANDREW Mark	15	536983	SPENCE, PAT J	15	534792

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
4/26/2013	15	2.5						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	4630. ft	**Job Depth TVD**	4630. ft
Water Depth		**Wk Ht Above Floor**	5. ft
Perforation Depth (MD)	**From** 4,666.00 ft	**To**	4,674.00 ft

Job Times

	Date	Time	Time Zone
Called Out	26 - Apr - 2013	02:00	CST
On Location	26 - Apr - 2013	06:30	CST
Job Started	26 - Apr - 2013	11:24	CST
Job Completed	26 - Apr - 2013	19:22	CST
Departed Loc	26 - Apr - 2013	21:00	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
Retainer	Unknown							4600.	4601.		
Production Casing	Unknown		4.5	4.052	10.5			.	5000.		
Tubing	Unknown		2.375	1.995	4.6			.	4600.		
Perforation Interval								4666.	4674.	.	.
Perforation Interval								4698.	4710.	.	.

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR - GRANULATED	40	LB		

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	%

HALLIBURTON

Cementing Job Summary

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
1	HalCem	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.18	5.23		5.23
	5.225 Gal	FRESH WATER							
2	HalCem	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.18	5.23		5.23
	5.225 Gal	FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement	17	Shut In: Instant		Lost Returns	0	Cement Slurry	42 BBL	Pad	
Top Of Cement		5 Min		Cement Returns	0	Actual Displacement	17	Treatment	
Frac Gradient		15 Min		Spacers	15 BBL	Load and Breakdown		Total Job	

Rates

Circulating	2	Mixing	2	Displacement	2	Avg. Job	2

Cement Left In Pipe	Amount	0 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 Log

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2994474	**Quote #:**	**Sales Order #:** 900386617
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** ., Steve	
Well Name: Campbell 2133	**Well #:** 1-6		**API/UWI #:**
Field:	**City (SAP):** GARDEN CITY	**County/Parish:** Finney	**State:** Kansas
Legal Description:			
Lat:		**Long:**	
Contractor: WORKOVER	**Rig/Platform Name/Num:**		
Job Purpose: Squeeze Perfs			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Squeeze Perfs		
Sales Person: CRAWFORD, ROBERT	**Srvc Supervisor:** AGUILERA, FABIAN		**MBU ID Emp #:** 442123

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/26/2013 02:00							CREW CALLED OUT FOR STRATLAND EXPLORTION, GEORGE 1-29, 2 3/8 SQUEEZE
Pre-Convoy Safety Meeting	04/26/2013 04:00							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Yard	04/26/2013 04:30							CALL IN JOURNEY MANAGEMENT, IN ROUTE TO STRATLAND EXPLORATION, GEORGE 1-29
Arrive At Loc	04/26/2013 06:30							ARRIVE AT LOCATION
Assessment Of Location Safety Meeting	04/26/2013 06:40							ASSESSED THE LOCATION, SPOT IN EQUIPMENT, WATER TESTED GOOD, GOT WITH CM AND HES TOOL SPECIALIST AND WENT OVER JOB DEPTH AND NUMBERS
Pre-Rig Up Safety Meeting	04/26/2013 06:50							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Up Equipment	04/26/2013 07:00							RIG UP IRON AND WATER HOSES
Rig-Up Completed	04/26/2013 08:00							RIG UP WENT WELL AND SAFELY
Activity Description	**Date/Time**	**Cht**	**Rate bbl/ min**	**Volume bbl**		**Pressure psig**		**Comments**

HALLIBURTON

Cementing Job Log

		#		Stage	Total	Tubing	Casing	
Pre-Job Safety Meeting	04/26/2013 10:45							DISCUSSED ALL POTENTIAL HAZARDS WHEN PRESSURE IS PRESENT WITH HES AND RIG CREW, WENT OVER JOB SCHEDULE AND NUMBERS WITH CM, AT THIS TIME WATER TESTED BAD AND CM ORDERED WATER TRUCKS FOR JOB
Start Job	04/26/2013 11:24							AT THIS TIME WATER TRUCK ON LOCATION, ONE TESTED GOOD AND OTHE TESTE BAD (HIGH CHLORIDES), USED GOOD WATER FOR JOB AND BAD WATER TO DISPLACE AS PER CM REQUEST
Test Lines	04/26/2013 11:26							TEST LINES UP TO TUBING TO 4000 PSI, CM AND 3RD PARTY TOOL SPECIALIST DID NOT WANT TO PRESSURE TEST BACKSIDE.
Pressure Up Annulus	04/26/2013 11:28							AT THIS TIME CM AND 3RD PARTY SPECIALIST DID NOT WANT TO FILL BACK SIDE AND SHUT IN, WANT TO SEE IF THEY GET FLUIDS MOVING THROUGH OUT JOB.
Injection Test	04/26/2013 11:32		2		16		250.0	DID A N INJECTION RATE AND TOOK 16 BBL TO FILL IN AT 250 PSI AND CLIMBING
Pump Cement	04/26/2013 11:48		2	21			800.0	PUMP CEMENT 100 SKS = 21 BBL @ 15.6#, AT 800 PSI AND CLIMBING
Pump Displacement	04/26/2013 12:02		2	17			1200.0	PUMP DISPLACEMENT OF 17 BBL @ 2 BPM AND PSI STARTED CLIMBING TO 1200 PSI BEFORE STOPPING PUMPING DISPLACEMENT

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Clean Lines	04/26/2013 18:50							CLEAN LINES AND TUB
End Job	04/26/2013 19:22							ALL PRESSURES AND VOLUMES WERE ORDERED BY HES TOOL SPECIALIST
Pre-Rig Down Safety Meeting	04/26/2013 19:25							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Down Equipment	04/26/2013 19:30							RIG DOWN IRON AND WATER HOSES
Rig-Down Completed	04/26/2013 20:30							RIG DOWN WENT WELL AND SAFELY
Pre-Convoy Safety Meeting	04/26/2013 21:00							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Location	04/26/2013 21:30							THANK YOU FOR CHOOSING HALLIBURTON, FABIAN AND CREW

The stimulation of the Campbell 2133 1-6 consisted of 2,554 bbls of 20# linear fluid. This fluid was laden with 25,960 lbs of 30/50 mesh sand at a concentration of .25ppg to 1.0 ppg. 2,000 gal of 15% Gelled HCl acid was pumped in to the formation with 30 1.3 SG RCN Ball Sealers.

The Campbell 2133 1-6 was pumped at an average rate of 11.6 bpm and an average surface pressure of 2,832 psi. The formation broke down at 3,926 psi, its ISIP was 328 psi.

Please see the attached SMARTS charts for you reference.

Brian Ford
Field Technical Representative
432-385-5054

TRICAN Service Order (170213080701)

Customer:	SandRidge Energy Inc.			**Date:**	Jul-08-2013 06:38 (CST)
Customer Rep:	Randy Mayberry	**Surface UWI:**	15-055-21017-00-00	**Treatment Type:**	Linear Gelled Water Frac
Base:	Odessa	**Bottom UWI:**		**Supervisor:**	Galbraith, Grant
Service Order #:	170213080701	**Well Name:**	Campbell 2133 1-6	**Project #:**	
Formation:	Cherokee	**Well Type:**			
Units:	5111413				
Job Completion:	Completed	**String #:**			

Customer & Job Information	
Customer:	SandRidge Energy Inc.
Address:	123 Robert S. Kerr Avenue
City/Prov:	Oklahoma City OK
AFE #:	
Customer Account #:	
Billing Area:	Woodward

Treatment Times	
Arrived:	Jul-08-2013 06:38:06
Rigged in By:	Jul-08-2013 06:40:08
Pressure Tested:	Jul-08-2013 09:15:31
Treatment Start:	Jul-08-2013 09:21:29
Treatment Finish:	Jul-08-2013 12:48:57
Left Location:	Jul-08-2013 18:26:06

Products & Services

Program	Actual	Description	Unit Price (Discounted, Woodward)	Program Price Discounted	Actual Price Discounted
Equipment					
1 each	1 each	*100605011* - Blender, 1st 2 hrs, 11 - 20 BPM	$758.41/each	$758.41	$758.41
1 job	1 job	*100610230* - Chemical Additive Unit, automated (in excess of 4 chemicals)	$510.47/job	$510.47	$510.47
1 job	1 job	*100610320* - Hydration Unit Service	$1,024.61/job	$1,024.61	$1,024.61
1 stage	1 stage	*100610410* - Lab Van	$364.62/stage	$364.62	$364.62
1 stage	1 stage	*100610350* - Support Equipment Charge	$2,078.33/stage	$2,078.33	$2,078.33
1 each	1 each	*100610510* - Valve Rental, 3" Frac	$92.70/each	$92.70	$92.70
2 each	2 each	*100610530* - Valve Rental, Spring Loaded Pop-off	$145.85/each	$291.70	$291.70
1 each	1 each	*100610270* - Positive Feed Ball Injector	$159.30/each	$159.30	$159.30
			Equipment Sub Total:	$5,280.14	**$5,280.14**
Services					
1.2 hr	1.2 hr	*100140010* - Blender, After 2 hrs per unit, 11 - 20 BPM	$175.02/hr	$210.02	$210.02
4 each	4 each	*100500800* - Minimum Charge 2000 Hyd HP Unit, first 2 hrs	$1,548.18/each	$6,192.71	$6,192.71
5 hr	5 hr	*100500810* - Minimum Charge 2000 Hyd HP Unit, after 2 hrs	$517.76/hr	$2,588.80	$2,588.80
36000 gal	36000 gal	*100225009* - Prop Conc Charge, <1.0 lb/gal	$0.00/gal	$103.68	$103.68
12000 gal	12000 gal	*100225010* - Prop Conc Charge, 1 to 4.0 lb/gal	$0.02/gal	$273.60	$273.60
1 stage	1 stage	*100515150* - Satellite Transmission	$354.00/stage	$354.00	$354.00
3.2 hr	0 hr	*100600200* - Stand-by Blender	$284.40/hr	$910.09	$0.00
1 each	1 each	*100325050* - Tank Blending Charge (mixing of fluids prior to pumping)	$160.43/each	$160.43	$160.43
NP	1 day	Containment	$911.79/day		$911.79
			Services Sub Total:	$10,793.33	**$10,795.03**
Products					
9500 gal	9500 gal	*401102016* - 15% HCL	$0.78/gal	$7,410.00	$7,410.00
168 gal	173 gal	*101700080* - CC-8 (Clay Control)	$10.67/gal	$1,791.81	$1,845.14
47.5 gal	47.5 gal	*401400200* - FEAC-20 (Iron Control)	$9.22/gal	$438.07	$438.07
40 gal	56 gal	*101410102* - FR-1C (Cationic Acrylamide)	$16.35/gal	$653.98	$915.57
47.5 gal	47.5 gal	*401108020* - LAI-20 (Acid Inhibitor)	$18.12/gal	$860.75	$860.75
21 gal	29 gal	*101575900* - LSI-20 (Scale Inhibitor)	$9.07/gal	$190.42	$262.96
187 gal	192 gal	*101600015* - S-15 (Surfactant)	$5.50/gal	$624.06	$1,056.48
108 lb	150 lb	*101200095* - WBO-2 (Breaker)	$2.08/lb	$224.65	$312.02
1680 lb	1761 lb	*101350105* - WG-111D (Gellant)	$6.30/lb	$10,584.00	$11,094.30
30000 lb	25960 lb	*102103125* - White 30/50	$0.08/lb	$2,400.00	$2,076.80
50 gal	54 gal	*101500250* - Greenflush (Solvent)	$9.61/gal	$480.50	$518.94
30 each	30 each	*101680200* - Ball Sealer, RCN, 1", 1.3 SG	$4.48/each	$134.39	$134.39
			Products Sub Total:	$25,792.62	**$26,925.40**
Travel					
4 hr	4 hr	*100505120* - Chemical Delivery Charge	$21.88/hr	$87.51	$87.51
14 unit x 200 mi	14 unit x 200 mi	*100510120* - Frac Equipment Mileage greater than 1.5 ton	$0.99/unit/mile	$2,772.00	$2,772.00
5 unit x 200 mi	5 unit x 200 mi	*100510110* - Frac Equipment Mileage less than 1.5 ton	$0.60/unit/mile	$600.00	$600.00
15 ton x 100 mi	15 ton x 100 mi	*100505150* - Proppant Delivery Charge,	$0.39/ton/mile	$592.20	$592.20
4 unit	4 unit	*100505110* - Transport Delivery Charge (4 hr min)	$28.44/unit/hr	$113.76	$113.76
			Travel Sub Total:	$4,165.47	**$4,165.47**
			Sub Total:	$46,031.56	**$47,166.04**

NP - Not programmed but customer requested Addition of containment. Removed standby blender. Changed from slurry to dry gel. And actual weight of sand bc we didnt use 4k lbs.

0.12% Fuel Surcharge (item 100500-740) on all Items:	$359.92	**$356.24**
Total Discounted Price:	$46,391.48	**$47,522.28**

TRICAN Service Order (170213080701)

Customer:	SandRidge Energy Inc.			**Date:**	Jul-08-2013 06:38 (CST)
Customer Rep:	Randy Mayberry	**Surface UWI:**	15-055-21017-00-00	**Treatment Type:**	Linear Gelled Water Frac
Base:	Odessa	**Bottom UWI:**		**Supervisor:**	Galbraith, Grant
Service Order #:	170213080701	**Well Name:**	Campbell 2133 1-6	**Project #:**	
Formation:	Cherokee	**Well Type:**			
Units:	5111413				
Job Completion:	Completed	**String #:**			

Field Estimate Only (taxes not included)

I hereby certify that the materials and equipment were received and that service was performed in a satisfactory manner. I further certify that I have read and agree to all terms and conditions included herein, including all terms and conditions contained on the reverse and/or attached hereto, and that I have authority to agree to these terms and conditions on behalf of the Customer.

Customer Rep:	Randy Mayberry	**Contractor Order #:**	
Signature:		**Additional #:**	

TRICAN Job Summary Report

Customer:	SandRidge Energy Inc.			**Date:**	Jul-08-2013 06:38 (CST)
Customer Rep:	Randy Mayberry	**Surface UWI:**	15-055-21017-00-00	**Treatment Type:**	Linear Gelled Water Frac
Base:	Odessa	**Bottom UWI:**		**Supervisor:**	Galbraith, Grant
Service Order #:	170213080701	**Well Name:**	Campbell 2133 1-6	**Project #:**	
Formation:	Cherokee	**Well Type:**			
Program #:	64890	**Rig #:**			

Total

Programmed Sand:	30000	lb	**Nitrogen Pumped:**	0	scf
Sand Pumped:	25960	lb	**CO2 Pumped:**	0	gal
Sand In Formation:	25960	lb	**Hole Volume:**	786	gal
Sand In Pipe:	0	lb	**Flush Volume:**	786	gal
Programmed Max DH Rate	12.00	bbl/min	**Fluid Pumped:**	100690	gal

Schedule 1

	Treating	Deadleg
Breakdown Pressure:	3926 psi	psi
Maximum Pressure:	5346 psi	psi
Average Pressure:	2832 psi	psi
ISIP:	328 psi	psi
15 min. Pressure:	156 psi	psi

Average Rate:	12.00	bbl/min	**Sand pumped:**	25960	lb
Fluid Pumped:	100690	gal	**Sand In Formation:**	25960	lb
Nitrogen Pumped:	0	scf	**Sand In Pipe:**	0	lb
CO2 Pumped:	0	gal	**Conc. At Formation:**	1.00	ppg
Acid Spearhead:	500	gal			

SandRidge Energy Inc.

Campbell 2133 1-6 15-055-21017-00-00

Cherokee 4562.0-4568.0

Cherokee 4573.0-4579.0

Cherokee 4584.0-4586.0

Cherokee 4600.0-4603.0

Cherokee 4610.0-4612.0

Cherokee 4630.0-4634.0

Cherokee 4637.0-4640.0

Cherokee 4648.0-4651.0

Linear Gelled Water Frac Pumped On Jul 08, 2013

Pumping configuration:	**Tubing**
Average Treatment Rate:	**12.00 bbl/min**
Average Treatment Pressure:	**2832 psi**
ISIP:	**328 psi**
15 min. SIP:	**156 psi**
Final Proppant Concentration at Perfs:	**1.00 ppg**

TRICAN Treatment Report

Customer: SandRidge Energy Inc.
Customer Rep: Randy Mayberry
Base: Odessa
Service Order #: 170213080701
Formation: Cherokee
Program #: 64890

Surface UWI: 15-055-21017-00-00
Bottom UWI:
Well Name: Campbell 2133 1-6
Well Type:
Rig #:

Date: Jul-08-2013 06:38 (CST)
Treatment Type: Linear Gelled Water Frac
Supervisor: Galbraith, Grant
Project #:

Treatment Schedule 1 (4562.0 to 4651.0ft)

Well Information

Pumping Config.: Tubing	Deadleg: No	Bottom Hole Temp: 129 °F	Packer Depth: 0.0 (ft TMD)

	Size (in)	Weight (lb/ft)	Grade	TMD (ft)	Volume (gal)
API Tubing	2.375			0.0 - 4475.0	727
Casing	4.5			0.0 - 4835.0	3300
PBTD			**Hole Volume:**		786.05

Total Fluid Information

Chemical Name	Total	Chemical Name	Total	Chemical Name	Total	Chemical Name	Total
Water	90934.17 gal	WG-111D (Gellant)	1761.00 lb	CC-8 (Clay Control)	173.00 gal	S-15 (Surfactant)	192.00 gal
LSI-20 (Scale Inhib	29.00 gal	WBO-2 (Breaker)	150.00 lb	15% HCL	9756.25 gal	FEAC-20 (Iron Cntrl)	48.78 gal
LAI-20 (Acid Inhib	48.78 gal	FR-1C Cationic Acryl	56.00 gal				

Total Fluid Pumped:	100690 gal	**Maximum Slurry Rate:**	17.20 bbl/min	**Maximum Clean Rate:**	17.20 bbl/min
Hole Volume:	786 gal	**Minimum Slurry Rate:**	4.62 bbl/min	**Minimum Clean Rate:**	4.62 bbl/min

Zone Information

Type	Formation	TMD (ft)	TVD (ft)
Perf	Cherokee	4562.0 - 4568.0	
Perf	Cherokee	4573.0 - 4579.0	
Perf	Cherokee	4584.0 - 4586.0	
Perf	Cherokee	4600.0 - 4603.0	
Perf	Cherokee	4610.0 - 4612.0	
Perf	Cherokee	4630.0 - 4634.0	
Perf	Cherokee	4637.0 - 4640.0	
Perf	Cherokee	4648.0 - 4651.0	

Fluid Systems Information

Tank Group Name	Tank Fluid Density (ppg)	Tank Fluid Temp (°F)	Tank Fluids Names	Fluid System Name	Additives
Acid			**15% HCL**(100%; 9756 gal)	15% HCL	**FEAC-20 (Iron Cntrl)**(5.0 gpt, 3.08 gal, pre-mixed); **LAI-20 (Acid Inhib**(5.0 gpt, 3.08 gal, pre-mixed); **S-15 (Surfactant)**(2.0 gpt, 1.22 gal, pre-mixed)
				15% HCL	**FEAC-20 (Iron Cntrl)**(5.0 gpt, 40.85 gal, pre-mixed); **LAI-20 (Acid Inhib**(5.0 gpt, 40.85 gal, pre-mixed); **S-15 (Surfactant)**(2.0 gpt, 16.23 gal, pre-mixed); **FR-1C Cationic Acryl**(6.9 gpt, 56.00 gal, pre-mixed)
				15% HCL	**FEAC-20 (Iron Cntrl)**(5.0 gpt, 4.86 gal, pre-mixed); **LAI-20 (Acid Inhib**(5.0 gpt, 4.86 gal, pre-mixed); **S-15 (Surfactant)**(2.0 gpt, 1.93 gal, pre-mixed)
Water			**Water**(100%; 90934 gal)	Freedom Linear Gel	**WG-111D (Gellant)**(20.3 ppt, 1191.04 lb, on the fly); **CC-8 (Clay Control)**(2.0 gpt, 117.01 gal, on the fly); **S-15 (Surfactant)**(2.0 gpt, 116.75 gal, on the fly); **LSI-20 (Scale Inhib**(0.3 gpt, 19.61 gal, on the fly); **WBO-2 (Breaker)**(1.3 ppt, 76.65 lb, on the fly)
				Freedom Linear Gel	**WG-111D (Gellant)**(20.3 ppt, 569.96 lb, on the fly); **CC-8 (Clay Control)**(2.0 gpt, 55.99 gal, on the fly); **S-15 (Surfactant)**(2.0 gpt, 55.87 gal, on the fly); **LSI-20 (Scale Inhib**(0.3 gpt, 9.39 gal, on the fly); **WBO-2 (Breaker)**(2.6 ppt, 73.35 lb, on the fly)
				Water	

Sand Information

Proppant Type	Size	Weight Ticket: Programmed (lb)	Computer Calculated: Pumped (lb)	In Formation (lb)	In Pipe (lb)
White 30/50		30000	25960	25960	0

Spearhead	Pad Size	Schedule Start Time	Schedule Finish Time	Screenout (No)	Final Sand Conc. at Perfs (ppg)	Estimated Sand Top (ft)
500	36256	Jul-08-2013 09:21:29	Jul-08-2013 13:12:06		1.00	

TRICAN Treatment Report

Customer: SandRidge Energy Inc.
Customer Rep: Randy Mayberry
Base: Odessa
Service Order #: 170213080701
Formation: Cherokee
Program #: 64890

Surface UWI: 15-055-21017-00-00
Bottom UWI:
Well Name: Campbell 2133 1-6
Well Type:
Rig #:

Date: Jul-08-2013 06:38 (CST)
Treatment Type: Linear Gelled Water Frac
Supervisor: Galbraith, Grant
Project #:

Job Summary

	Breakdown Pressure	Volume To Fill Hole	Min Pressure	Max Pressure	Average Pressure	ISIP	Average Pad Pressure	15 min. SIP
TREATING	3926	1	1584	5346	2832	328	3085	156
DEADLEG								

Average Rate: 12.00 bbl/min
Frac Gradient: 0.50 psi/ft

Treatment Report

Event	Clock Time (min)	Elapsed Time (min)	Tubing (psi)	Annulus (psi)	Blender Slurry					Base Fluid	Blender Clean						Blender Proppant		
					Rate Start (bbl/min)	Per Stage (gal)	Cum. Total (gal)	Per Stage (bbl)	Cum. Total (bbl)		Rate Start (bbl/min)	Rate End (bbl/min)	Per Stage (gal)	Cum. Total (gal)	Per Stage (bbl)	Cum. Total (bbl)	Average Stage (ppg)	Per Stage (lb)	Cum. Total (lb)
Pre Pad	09:24:36	3.12	1531		4.62	615	615	14.65	14.65	15% HCL	4.62	4.62	615	615	14.65	14.65	0.00	0	0
Pad	09:35:33	14.07	5346		11.89	4963	5578	118.17	132.81	Freedom Linear Gel	11.89	11.89	4963	5578	118.17	132.81	0.00	0	0
Inject	09:39:54	18.42	2811		15.53	1925	7503	45.84	178.65	15% HCL (5gpt Acid Gel)	15.53	15.53	1925	7503	45.84	178.65	0.00	0	0
Pad	09:52:24	30.92	3086		17.20	5945	13448	141.54	320.18	Freedom Linear Gel	17.20	17.20	5945	13448	141.54	320.18	0.00	0	0
Inject	09:56:36	35.12	2286		13.01	2001	15449	47.64	367.83	15% HCL (5gpt Acid Gel)	13.01	13.01	2001	15449	47.64	367.83	0.00	0	0
Pad	10:13:44	52.25	3633		9.37	6739	22188	160.46	528.29	Freedom Linear Gel	9.25	9.25	6658	22107	158.52	526.35	0.27	1798	1798
Proppant White 30/50	10:25:32	64.05	3774		10.91	5407	27595	128.73	657.02	Freedom Linear Gel	10.53	10.53	5219	27326	124.27	650.62	0.79	4145	5942
Proppant White 30/50	10:36:36	75.12	3678		13.10	6090	33685	145.01	802.02	Freedom Linear Gel	12.73	12.73	5918	33244	140.91	791.53	0.64	3805	9748
Proppant White 30/50	10:49:09	87.67	2449		12.19	6422	40107	152.91	954.94	Freedom Linear Gel (WBO-2 @ 2 ppt)	11.79	11.79	6213	39457	147.92	939.45	0.75	4634	14382
Proppant White 30/50	11:00:42	99.22	2526		12.27	5953	46060	141.74	1096.68	Freedom Linear Gel (WBO-2 @ 2 ppt)	11.91	11.91	5779	45236	137.61	1077.06	0.66	3840	18222
Flush	11:05:58	104.48	1586		9.91	2191	48252	52.17	1148.85	Water	9.91	9.91	2191	47428	52.17	1129.23	0.00	5	18227
Inject	11:08:28	106.98	4469		9.25	971	49223	23.13	1171.98	15% HCL (30 1.3 SG ball sealers)	9.25	9.25	971	48399	23.13	1152.35	0.00	0	18227
Pad	11:21:16	119.78	3261		11.14	5990	55213	142.61	1314.59	Freedom Linear Gel	11.14	11.14	5990	54389	142.61	1294.97	0.00	0	18227
Inject	11:25:18	123.82	2163		11.24	1905	57117	45.35	1359.94	15% HCL (5gpt Acid Gel)	11.24	11.24	1905	56293	45.35	1340.32	0.00	0	18227
Pad	11:38:00	136.52	2689		11.21	5978	63096	142.34	1502.28	Freedom Linear Gel	11.21	11.21	5978	62272	142.34	1482.66	0.00	0	18227
Inject	11:43:03	141.57	2239		11.03	2339	65435	55.69	1557.98	15% HCL (5gpt Acid Gel)	11.03	11.03	2339	64611	55.69	1538.35	0.00	0	18227
Pad	11:55:37	154.13	2751		11.57	6107	71542	145.41	1703.39	Freedom Linear Gel	11.57	11.57	6107	70718	145.41	1683.76	0.00	0	18227
Proppant White 30/50	12:07:28	165.98	2797		12.34	6139	77681	146.17	1849.55	Freedom Linear Gel	12.04	12.04	5993	76711	142.68	1826.44	0.54	3238	21465
Proppant White 30/50	12:19:15	177.77	2607		12.47	6171	83853	146.93	1996.49	Freedom Linear Gel	12.11	12.11	5994	82705	142.72	1969.16	0.65	3918	25383
Proppant White 30/50	12:31:03	189.57	2496		12.54	6216	90068	147.99	2144.48	Freedom Linear Gel (WBO-2 @ 2 ppt)	12.13	12.13	6011	88715	143.11	2112.27	0.75	4536	29920
Proppant White 30/50	12:51:08	209.65	2377		12.55	10583	100651	251.96	2396.44	Freedom Linear Gel (WBO-2 @ 2 ppt)	12.00	12.00	10119	98834	240.92	2353.19	1.01	10261	40181
Flush	13:12:06	230.62	827		10.71	1857	102507	44.21	2440.65	Water	10.71	10.71	1857	100690	44.21	2397.39	0.00	0	40181

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

August 09, 2013

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

Re: ACO1
API 15-055-21017-00-00
Campbell 2133 1-6
SW/4 Sec.06-21S-33W
Finney 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