KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1156252

Form ACO-1
June 2009
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 # 34127
Name: Tomcat Drilling LLC
Wellsite Geologist: Will Scott
Purchaser: NA

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

4/25/2013	5/2/2013	7/29/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-171-20941-00-00
Spot Description:
SE - NW - NW - SW Sec. 25 Twp. 19 S. R. 33 [ ] East [x] West
2305 Feet from [ ] North / [x] South Line of Section
335 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [ ] NE
- [ ] NW
- [ ] SE
- [x] SW

County: Scott
Lease Name: Vulgamore 1933 Well #: 1-25
Field Name:
Producing Formation: Chase
Elevation: Ground: 2956 Kelly Bushing: 0
Total Depth: 5402 Plug Back Total Depth: 5318
Amount of Surface Pipe Set and Cemented at: 1450 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 10000 ppm Fluid volume: 5280 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Weinett Disposal LLC
Lease Name: Unknown License #: 56371
Quarter SW Sec. 10 Twp. 26 S. R. 15 [ ] East [x] West
County: Woods, OK Permit #: 99999

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

- [x] **Letter of Confidentiality Received**
  Date: 09/23/2013
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] I [ ] II [ ] III **Approved by:** NAOMI JAMES **Date:** 09/30/2013

Side Two

[redacted] 1156252

Operator Name: SandRidge Exploration and Production LLC Lease Name: Vulgamore 1933 Well #: 1-25

Sec. 25 Twp. 19 S. R. 33 ☐ East ☑ West County: Scott

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Spaced Neutron Spectral Density
Array Compensated True Resistivity Log

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

Name	Top	Datum
Attached	Attached	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
Surface	12.25	8.625	24	1436	AMD & common	500	see cement report
Production	7.875	5.5	17	5402	Econocem	350	see cement report

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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
Attached	Attached	Attached	Attached

TUBING RECORD: Size: 2.875 Set At: 5318 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:
☐ 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:

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	Vulgamore 1933 1-25
Doc ID	1156252

Tops

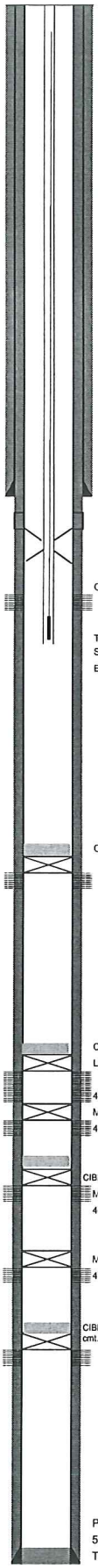
Name	Top	Datum
Heebner	3817	-851
Lansing	3856	-890
Marmaton	4293	-1327
Pawnee	4367	-1401
cherokee	4411	-1445
Morrow	4554	-1588
Mississippian	4594	-1628
Viola	5188	-2222

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Vulgamore 1933 1-25
Doc ID	1156252

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5100-5104	CIBP 2 sks Cement on Top	5050
3	4788-4792	CIBP 2 sks Cement on Top	4600
3	4796-4802	CIBP 2 sks Cement on top	4500
3	4808-4812	500 gal 15% NEFE HCL acid = additives	4516 - 4550
3	4817-4822	CIBP 2 sks Cement on Top	4075
3	4877-4884		
2	4610-4618	acid w/500 gal 15% NEFE HCL + 3000 gal NEFE HCL acid, flushed 110 gal fresh water	4610 - 4728
2	4627-4631		
2	4635-4637		
2	4648-4651		
2	4694-4702		
2	4724-4728		
6	4558-4564		
2	4516-4550		
3	4094-4176		
2	2651-2661		

Vulgamore 1933 1-25 - WELLBORE SCHEMATIC (Current)



WELL NAME: Vulgamore 1933 1-25 | **SPOT:** 2440' FSL & 335' FWL | **ZONE:** Chase | **OPERATOR:** SandRidge Energy
CORPORATE ID: 125493 | **LOCATION:** Sec 25, T19S, R33W | **GL:** 2,955' | **SPUD DATE:** 04/25/13
API NO: 15-171-20941 | **FIELD:** Hugoton Gas Area | **KB:** 2,966' | **RR DATE:** 05/04/13
WI: 75.00% | **COUNTY, STATE:** Scott, Kansas | **TD:** 5,402'
RI: 60.94% | **PBTD:** 5,318' (Tag)

PIPE RECORD

Casing	OD	Wt/ft	Grade	Thread	Top	Bottom	Joints
Surf.	8.625"	24.00#	J-55	LT&C	0'	1,436'	35
Prod.	5.500"	17.00#	L-80	LT&C	0'	5,402'	128
Tbg	2.875"	6.5	L-80	EUE 8rd	0'	5,318'	145

CEMENT & HOLE DATA

Bit Size	Depth	Cement Type	Sacks	TOC
12.250"	1,455'	pg, 3.06 cu. Ft/sk). Tail: 150 sxs (15.	500	0'
7.875"	5,402'	3.6 ppg, 1.5 cu. Ft/sk). Stage 2: 350 s	880	Surface' - (Circulate)

Well Tools

Drilling Comments

WELL HISTORY

Date	Work Detail
05/15/13	Weld on bell nipple. DO DV tool at 1829'. DOCO to 5318' (PBTD).
05/16/13	RIH W/ CBL. Log from 5318' to surface. Test casing to 3,000 psig. Perforate stage one Kinderhook.
05/17/13	IFL 1000'. Swabbed 168 BW in 17 runs. EFL 2300'.
05/18/13	Set CIBP at 5050' and dump 2 sxs cmt on top. Perf Stage 2 Miss Lime perfs (4788' - 4884'). Swabbed 36 BW.
05/20/13	Acidize 4788'-4884' with 3000 gals 15% NE-Fe HCl and 120 ball sealers. IFL 1800'. Swabbed 251 BW in 27 runs. EFL 2800'.
05/22/13	Set CIBP at 4778'. Perforate 4610'-4728' over all. Swabbed 116 bbl with 1% oil cut.
05/23/13	Swabbed 159 bbl with 2% oil cut
05/24/13	Acidize 4610'-4728' with 3500 gallons 15% NE-Fe HCl. Staged with 110 1.3 sg ball sealers. Good ball action. Balled out. ISIP = Vac. ATP = 517 psi. ATR = 4.2 bpm. TLTR = 128 bbls swabbed 84 bbls dirty water
05/25/13	Swabbed 154 bbls black water. H2S = 82 ppm.
05/30/13	Spot NARS across Perf interval. Perf Morrow 4558-4564'. Fire Gas Gun across interval. Swab +/- 130 bbls 100% water over load.
06/01/13	Dump cmt on CIBP @ 4600'. Set CIBP at 4553'. Perf Atoka 4516'-4550' OA. Swabbed dry. Acidized. Swabbed 335 bbls w/ 1-2% oil cut.
06/04/13	TIH with production tbg and rods. POP.
06/28/13	Set CIBP at 4500'. Dmp 2 sxs cmt on top. Perforate Lansing 4094' - 4176' OA.
06/30/13	TIH w/ pkr. Acidize Lansing w/ 2000 gals 15% NE-Fe HCl and 80 1.3 sg ball sealers.
07/01/13	TIH w/ tbg, pump and rods.
07/19/13	Set CIBP at 4075'. Cap with 2 sxs cmt. Perforate Chase.
07/26/13	Frac Chase with 597 bbl 70Q N2 25# linear Gel carrying 52 K lbs 20/40 white.

PERFORATION HISTORY

Date	Formation	Top	Bottom	Shots/ft	Phasing (°)	Diameter (in)	Status
05/16/13	Kinderhook	5,100'	5,104'	4	60	0.42	CIBP
05/18/13	Mississippi Lim	4,788'	4,792'	3	60°	0.42	CIBP
05/18/13	Mississippi Lim	4,796'	4,802'	3	60°	0.42	CIBP
05/18/13	Mississippi Lim	4,808'	4,812'	3	60°	0.42	CIBP
05/18/13	Mississippi Lim	4,817'	4,822'	3	60°	0.42	CIBP
05/18/13	Mississippi Lim	4,877'	4,884'	3	60°	0.42	CIBP
05/22/13	Mississippi Lim	4,610'	4,618'	2	60°	0.42	CIBP
05/22/13	Mississippi Lim	4,627'	4,631'	2	60°	0.42	CIBP
05/22/13	Mississippi Lim	4,635'	4,637'	2	60°	0.42	CIBP
05/22/13	Mississippi Lim	4,648'	4,651'	2	60°	0.42	CIBP
05/22/13	Mississippi Lim	4,694'	4,702'	2	60°	0.42	CIBP
05/22/13	Mississippi Lim	4,724'	4,728'	2	60°	0.42	CIBP
05/30/13	Morrow	4,558'	4,564'	6	60	0.42	CIBP
06/01/13	Lower Atoka	4,516'	4,519'	2	60	0.42	CIBP
06/01/13	Lower Atoka	4,528'	4,533'	2	60	0.42	CIBP
06/01/13	Lower Atoka	4,544'	4,550'	2	60	0.42	CIBP
06/28/13	Lansing	4,094'	4,098'	3	60	0.42	CIBP
06/28/13	Lansing	4,103'	4,108'	3	60	0.42	CIBP
06/28/13	Lansing	4,118'	4,120'	3	60	0.42	CIBP
06/28/13	Lansing	4122'	4126'	3	60	0.42	CIBP
06/28/13	Lansing	4,137'	4,140'	3	60	0.42	CIBP
06/28/13	Lansing	4,172'	4,176'	3	60	0.42	CIBP
07/19/13	Chase	2,651'	2,661'	2	60	0.42	Active

TUBING DETAIL

Bottom Depth	Length	Description
3,192'		2-7/8" pin collar
		1 jt 2-7/8" 6.5# J-55 EUE 8rd tbg
		(2) 4' perforated subs
3,151'		2-7/8" SN
		18 jts 2-7/8" 6.5# J-55 EUE 8rd tbg
2,562'		2-7/8" x 5-1/2" TAC
		78 jts 2-7/8" 6.5# J-55 EUE 8rd tbg

ROD & PUMP DETAIL

Bottom Depth	Length	Description
		2-1/2" x 1-3/4" x 22' (2 stage hollow body single valve insert pump with SS
		1 stabilizer bar
		7 - 1-1/2" Grade "C" SBs alternated w/ 3 stabilizer bars
		2350' (94) - 3/4" Weatherford KD sucker rods
		575' (23) - 7/8" Weatherford KD sucker rods
		4' x 7/8" pony

STIMULATION TREATMENTS

Date	Formation	Fluid Type	Fluid (bbls)	Proppant Type	Proppant (Mlbs)	Avg Rate/ Avg Press.	Frac Grad/ ISIP
5/20/13	4788'-4884'	15% NE-Fe HCl	3000 gals	120 1.3 sg ball sealers		3.5 bpm	ISIP vac
5/24/13	4610-4728	15% NE-Fe HCl	3500 gallons	110 1.3 sg ball sealers		4.2 bpm/517 psi	ISIP = Vac
6/2/13	4516'-4550'	15% NE-Fe HCl	3000 gals	50 ball sealers		4.2 bpm/700 psi	ISIP = Vac
6/30/13	Lansing	15% NE-Fe HCl	2000 gals	80 ball sealers		3.7 bpm/750 psi	ISIP = 325 psi
7/26/13	Chase	70Q N2 25# Linear Gel	280	20/40 White	51.654	17.3 bpm/2150 psi	ISIP =1588

Stimulation Comments

21 bbls to load tbg. BD formation at 2000 psi. Broke to 250 psi. 41 bbls in, went on a vac. No ball action. Swabbed 251 BW in 27 runs in one day.

TLTR 128 bbls. good ball action and balled out. Swabbed back 238 bbl of black water in 2 days.

TLTR 126 bbls. Swabbed 335 bbls with 1-2% oil cut.

1 min = vac. TLTR - 88 bbls.

417000 scf N2 down hole

PLUG RECORD

Date	Depth	Type	Date Removed	Notes
5/18/2013	5,050'	10K CIBP		2 sxs cmt on top.
5/22/2013	4,778'	10K CIBP		
5/29/2013	4,600'	10K CIBP		2 sxs cmt
6/1/2013	4,553'	10K CIBP		2 sxs cmt
6/28/2013	4,500'	10K CIBP		2 sxs cmt
7/19/2013	4,075'	10K CIBP		2 sxs cmt

TUBULAR SPECIFICATIONS

Material (Lone Star Steel Handbook)	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (Mlbs)
8.625" 24# J-55 LT&C	8.097	7.972	1,370	2,950	244
5.5" 17# L-80 LT&C	4.892	4.767	6,390	7,740	462
2.875" 6.5# L-80 EUE 8rd	2.441	2.347	11,170	10,570	145

* Safety Factor Not Included

GENERAL REMARKS

Temperature: 122 °F at 5400' (Open Hole Logs)
DV tool at 1850'
Marker Jt at 4554'

	Name	Date		Name	Date
Prepared:	Jake Thomas	9/9/2013	Updated:		
Updated:			Updated:		
Updated:			Updated:		

SANDRIDGE
THE POWER OF US

ALLIED OIL & GAS SERVICES, LLC 060281

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
4-26-13	25	19	33			7:00 PM	8:00 PM

LEASE	WELL #	LOCATION	COUNTY	STATE
Vulgamore	1-25	Shallowwater 1W-½N-Einto	Scott	Ks.

OLD OR (NEW) (Circle one)

CONTRACTOR Tomcat #3
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 1450'
CASING SIZE 8 5/8 DEPTH 1446'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.24'
CEMENT LEFT IN CSG. 42.24
PERFS.
DISPLACEMENT 89.41

OWNER Sandridge

CEMENT

AMOUNT ORDERED 350 SKs AMD
150 SKs Com

COMMON	150 SKs	@ $17.90	$2685.00
POZMIX		@	
GEL	3 SKs	@ $23.40	$70.20
CHLORIDE	5 SKs	@ $64.00	$320.00
ASC		@	
AMD	350 SKs	@ $25.90	$9065.00
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	549.45 CFX	@ $2.48	$1362.64
MILEAGE	1250.0 ~~50~~	x $2.60	$3250.00
		TOTAL	$16752.84

EQUIPMENT

PUMP TRUCK # 120 CEMENTER Dawn Rasetta
HELPER Tyler Flipse
BULK TRUCK # 600 DRIVER Brandon Wilkinson
BULK TRUCK # 566-595 DRIVER David Scariano

REMARKS:

mix 350 SKs AMD Cement then mix 150 SKs Com. Cement Displace with water Land Plug 600# Lift 300# Cement Did Circulate

Thank You.

SERVICE

DEPTH OF JOB 1446'

PUMP TRUCK CHARGE			$2213.75
EXTRA FOOTAGE		@	
MILEAGE	50	@ $7.70	$385.00
MANIFOLD	Head	@	$275.00
LV mileage		@ $4.40	$220.00
		@	
		TOTAL	$3093.75

PLUG & FLOAT EQUIPMENT

8 5/8 Weatherford			
1 Top Rubber Plug		@	$131.04
1 Guide Shoe		@	$490.98
1 Flapper Float Value		@	$352.17
5 Centralizers		@ $74.88	$374.40
1 Basket		@	$559.26
		TOTAL	$1907.85

CHARGE TO: Tomcat Drilling
STREET
CITY STATE ZIP

SALES TAX (If Any)
TOTAL CHARGES 21,754.44
DISCOUNT 4,568.43 IF PAID IN 30 DAYS
Bid 17,186.00 Net.

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Wilkinson

SIGNATURE

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2996301	**Quote #:**	**Sales Order #:** 900413166
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Sandridge, Roland	
Well Name: Vulgamore 1933	**Well #:** 1-25		**API/UWI #:** 15-171-20941
Field:	**City (SAP):** GARDEN CITY	**County/Parish:** Scott	**State:** Kansas
Legal Description: Section 25 Township 19S Range 33W			
Contractor: Tomcat	**Rig/Platform Name/Num:** 3		
Job Purpose: Cement Production Casing			
Well Type: Development Well	**Job Type:** Cement Production Casing		
Sales Person: FRENCH, JEREMY	**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 #
RAMIREZ, JORGE M.	11.5	498481	RODRIGUEZ, EDGAR Alejandro	11.5	442125	TORRES, CLEMENTE	11.5	344233

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
5/4/2013	11.5	4						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	5407.5 ft	**Job Depth TVD**	5407.5 ft
Water Depth		**Wk Ht Above Floor**	5. ft
Perforation Depth (MD)	**From**		**To**

Job Times

	Date	Time	Time Zone
Called Out	03 - May - 2013	19:00	CST
On Location	03 - May - 2013	23:30	CST
Job Started	04 - May - 2013	06:48	CST
Job Completed	04 - May - 2013	11:00	CST
Departed Loc	04 - May - 2013	12:30	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
8.75" Open Hole				8.75				1450.	5400.		
5.5" Production Casing	Unknown		5.5	4.	17.	LTC	L-80	.	5400.		
8.625" Surface Casing	Unknown		8.625	7.921	32.	Unknown	J-55	.	1450.		

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	5 ½	1	HES
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

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	Rig Supplied Gel Spacer		30.00	bbl	8.5	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	250.0	sacks	11.6	2.5	14.31		14.31
	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)							
	14.314 Gal	FRESH WATER							
3	Tail Cement	ECONOCEM (TM) SYSTEM (452992)	280.0	sacks	13.6	1.5	6.76		6.76
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.25 %	SA-1015, 50 LB SACK (102077046)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	6.756 Gal	FRESH WATER							
4	Displacement		124.00	bbl	8.33	.0	.0	.0	
5	Second Stage Lead Cement	ECONOCEM (TM) SYSTEM (452992)	350.0	sacks	11.6	2.49	14.3		14.3
	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)							
	14.303 Gal	FRESH WATER							
6	Fresh Water Displacement		43.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	124 / 43	Shut In: Instant		Lost Returns		Cement Slurry	186 / 156	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	124 / 43	Treatment	
Frac Gradient		15 Min		Spacers	35	Load and Breakdown		Total Job	544

Rates							
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5

Cement Left In Pipe	Amount	43.52 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

Schlumberger

Service Order for i-District Job 991777

Customer Name:	Person Taking Call:	Location:	Order Date:	Job Number:
SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING ONLY (EDI)		Elk City, OK WS	28-May-13 15:58	991777
Service Order Number: CGHD-00077	**Service Line:** Cementing Elk City	**Supervisor:**	**Legal Location:**	
Well Name and Number: VULGAMORE -1933-, 1-25	**Pad/Platform:**	**Field:**	**County:** Scott	**State/Prov:** Kansas
Well Master Number: 0631461263	**API/UWI:** 15171209410000	**Rig Name:** Workover	**Well Age:** Old	**Sales Engineer:**
Job Type: Cementing Elk City – Acid Breakdown	**Time Well Ready:**	**Deviation:** 0 deg	**Hole Size:** 8.75 in	**Well MD:**
Well TVD: 4600 ft	**BHP:**	**BHST:**	**BHCT:**	**Treat Down:** Tubing
Packer Type:	**Packer Depth:**	**Well Head Connection:** Swedge	**HHP on Location:**	**Max Allowed Pressure:** 5000 psi
Max Allowed Ann Pressure:		**Job Stage Description:**	**FTL Ticket/Quote Number :**	
Expected on Location: 29-May-13 11:45	**Ready to Pump:**	**Job Start Date:** 29-May-13 11:45	**Job End Date:** 29-May-13 23:45	
Leave for Job: 29-May-13 11:45		**Arrive from Job:** 29-May-13 23:45		

Casing/Tubing

String Type	Depth	Size	Weight	Grade	Thread
Casing	4600 ft	7 in	26 lb/ft		
Tubing	4600 ft	2.875 in	10.6 lb/ft		

Perforations

Top	Bottom	SPF	No of Shots	Formation Name

Total Interval: 0 **Diameter:**

Coiled Tubing

Size	Thickness	Length	String ID	Reel ID

Service Instructions:

To provide services, materials, personnel and equipment to safely pump 1000 gal of NARS through 2 7/8" tubing.

Client Contact

Name	Voice	Fax	Email	Title	Company	Notes

Notes:

Take 5 gal B244

Take 20 gal U066

Take 2 7/8" and 2 3/8" Swadges and 2x2 valve

****BRING FULL BLEED ASSEMBLY (Choke, Tee, two 2x1 valves, dart/check valve, etc... just in case its needed)**

Directions:

HWY 400/HWY 50 (same highway just two diff names) go to intersection of Hwy 83 and Scott City Exit go on HWY 83N for approx. 25mi to County Road 75 Turn Left 0.5mi Shallow Water, KS then go 0.5mi to location.

Materials				
Name	Code	Description	Quantity	Density
B244	B244	Green-Cide 25G	5.00 gal	
U066	U066	Mutual Solvent U66	20.00 gal	
U801	U801	NARS200 Non-Acid Reagent U801	1,000.00 gal	

Resources				
Personnel	Equipment 1	Equipment 2	Assignment	Note
Juan Sapp Jr.			29-May-13 11:45 - 23:45	
Jeffery Abernathy		2CPF35781	29-May-13 11:45 - 23:45	
Jared Brewster			29-May-13 11:45 - 23:45	
Robert Keller			29-May-13 11:45 - 23:45	

Customer	SandRidge Energy
Customer Acct #	
Well No.	Vulgamore 1933 #1-25
Mailing Address	
City and State	
Zip Code	
Dispatch Location	BARTLESVILLE

County	Scott County, Kansas	Stage	1
Section	25	Formation	Chase
TWP	19S	TVD Perfs	2650-2664
RANGE	33W	MD Perfs	

START	10:09:42 AM
END	11:14:46 AM

WELL DATA

						TRUCK#	DRIVER	TRUCK#	DRIVER
TREATMENT TYPE:	TREATMENT THROUGH CASING			PLUG DEPTH (FT)		421/T168	Jones, Ryan		
TVD OF PERFS	2651' - 2661'	MD OF PERFS	2651' - 2661'	PACKER DEPTH (FT)		533/T122	Abbott, Kyle		
CASING SIZE (OD)	CASING WEIGHT	TMD TO TOP PERF(FT)	ID (INCHES)	DISPL COEF (BBL/FT)	VOLUME (BBLS)	580	Wilson, Dale		
5 1/2	J-55 (17 LBS)	2651	4.89	0.0232	61.6	559/T114	Cassel, Mark		
						560/T123	Monday, Tony		
0	0	0	0	0.0000	0.0	664	Smith, Harrison		
OVER FLUSH	0			DISPLACEMENT TO TOP PERF (BBLS)	61.6	552/T45	Holland, Mike		
						588/T105	Morris, Matt		
						600	Littlepage, Ryan		

PERF DATA		CHEMICALS	
TOTAL HOLES SHOT	20	SR-445	22
HOLE ID (IN)		BIOSTAT 650	3
PHASING		FRAC GEL SLURRY (GA-15L)	131
SPF		BREAKER AMMONIUM PERSULFATE	50
		BREAKER (LEB-4)	2
		FOAMER (FA 410)	35
EFFECTIVE HOLES		SCALE INHIBITOR (PS-102)	3

FET ANALYSIS (Optional)

FLUID WEIGHT	8.34	MAX RATE:		MAX PRESSURE		ISDP		FRAC GRAD	
HYDROSTATIC HEIGHT	2651	RATE 1		PRESSURE 1		5 MIN SIP		FLUID EFF (%)	
FLUID SG	1.01	RATE 2		PRESSURE 2		10 MIN SIP		CALC PERM	
HYDROSTATIC PRESS	1149.69	RATE 3		PRESSURE 3		15 MN SIP			

PRESSURE DATA

MAX PRESSURE	INITIAL PRESSURE	BREAKDOWN PRESSURE	ISIP	5 MIN	10 MIN	15 MIN	30 MIN	
6000	on Vacuum	2622 at 8.2 BPM, 3312 at 15.4 BPM	1588	1,333	1,305	1288		

SUMMARY

TOTAL FLUID PUMPED	280 BBLS
PROPPANT PUMPED	51654.54 LBS
MAX RATE	0 BBL/MIN
MIN RATE	0 BBL/MIN
AVERAGE RATE	0

MAX TREATING PRESSURE	0 PSI
MIN TREATING PRESSURE	0 PSI
AVE TREATING PRESSURE	0
FLUID WEIGHT	8.34
HYDROSTATIC HEIGHT	2651
HYDROSTATIC PRESS	1,149.69
FRAC GRADIENT	1.03

PROP TYPE	TOTAL PUMPED
20/40 WHITE	51654.54 LBS
ACID	0 GAL
TOTAL FLUID	280 BBLS

FOAM QUALITY	70
AMOUNT OF FOAM PUMPED	647.5 BBL
TYPE OF FOAM	70Q N2 + 25# Gel

STAGE	CLEAN BBLS	DESIGN	FLUID TYPE	PRESSURE	RATE	PROP AMOUNT	DESIGN	BLEND CONC	TYPE
1	88	86	70Q Foam	0-3312	2.1-18.6	0.00		0.00	
2	39	36	70Q Foam	2680-2863	18.9-19.45	5454.54	5000 LBS	3.33	20/40 WHITE
3	36	36	70Q Foam	2270-2678	20.2-22.0	10085.04	10000 LBS	6.67	20/40 WHITE
4	38	36	70Q Foam	2201-2318	22.3-22.5	15960.00	15000 LBS	10.00	20/40 WHITE
5	36	36	70Q Foam	2163-2208	22.1-22.5	20154.96	20000 LBS	13.33	20/40 WHITE
6	16	0	70Q Foam	2160-2278	22.4-22.8	0.00		0.00	
7	15	15	70Q Foam	2215-2363	22.6-23	0.00		0.00	
8	12	10	Treated water	1745-2365	6.2-8.5	0.00		0.00	
9						0.00		0.00	
10						0.00		0.00	
11						0.00		0.00	
12						0.00		0.00	
13						0.00		0.00	
14						0.00		0.00	
15						0.00		0.00	
16						0.00		0.00	
17						0.00		0.00	
18						0.00		0.00	
19						0.00		0.00	
20						0.00		0.00	
21						0.00		0.00	

Remarks

417341 Total SCF of N2 pumped

280 BBL of water pumped

647.5 BBL of Foam pumped

51654 LBS of 20/40 White sand pumped

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/

September 23, 2013

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

Re: ACO1
API 15-171-20941-00-00
Vulgamore 1933 1-25
SW/4 Sec.25-19S-33W
Scott 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

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/

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 30, 2013

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

Re: ACO-1
API 15-171-20941-00-00
Vulgamore 1933 1-25
SW/4 Sec.25-19S-33W
Scott County, Kansas

Dear Wanda Ledbetter:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 4/25/2013 and the ACO-1 was received on September 23, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department