Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1219712

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: Tiffany Golay
Phone: (405) 429-6543
CONTRACTOR: License # 34127
Name: Tomcat Drilling LLC
Wellsite Geologist: Kathy Gentry
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 #:

7/31/2014 Spud Date or Recompletion Date
8/20/2014 Date Reached TD
9/4/2014 Completion Date or Recompletion Date

API No. 15 - 15-033-21768-00-00
Spot Description:
S2 - SW - SW - SW Sec. 1 Twp. 33 S. R. 18 ☐ East ☑ West
200 Feet from ☐ North / ☑ South Line of Section
330 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: Comanche
Lease Name: Pratt SWD 3318 Well #: 1-1
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1925 Kelly Bushing: 1945
Total Vertical Depth: 6725 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 875 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: 27000 ppm Fluid volume: 600 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: LoJo Disposal
Lease Name: Unnamed License #: 55555
Quarter SW Sec. 10 Twp. 26 S. R. 15 ☐ East ☑ West
County: Woods, OK Permit #: 563714

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: 09/04/2014
☑ **Confidential Release Date:** 09/03/2016
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 09/05/2014

[redacted] 1219712

Operator Name: SandRidge Exploration and Production LLC Lease Name: Pratt SWD 3318 Well #: 1-1

Sec. 1 Twp. 33 S. R. 18 ☐ East ☑ West County: Comanche

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Array Compensated True Resistivity Log
Spectral Density Dual Spaced Neutron 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
Conductor	24	20	75	80	Mid-Continent Conductor grout	9	none
Surface	12.25	8.63	24	875	O-Tex Lite Premium Plus 65/35	530	(6% gel) 2% Calcium Chloride, 1/4 pps C
Production	7.87	5.5	17	6045	O-Tex Lite Premium Plus 65/35	710	6% gel, .2% fl-17, .2% c-20, .4% c-41p, 1

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	-			
	-			

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
	6045-9725		

TUBING RECORD: Size: 3.5 Set At: 5995 Packer At: 6024 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:

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Pratt SWD 3318 1-1
Doc ID	1219712

Tops

Name	Top	Datum
Base Heebner Shale Marker	4222	
Top Lansing Limestone Group	4406	
Top Oswego Limestone	4956	
Top Cherokee Shlae Marker	5038	
Top Mississippi Cabonates (Meramec)	5131	
Top Viola Carbonate	5692	
Top Simpson Dolostones/Sands	5866	
Top Arbuckle Dolostone	5990	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Pratt SWD 3318 1-1
Doc ID	1219712

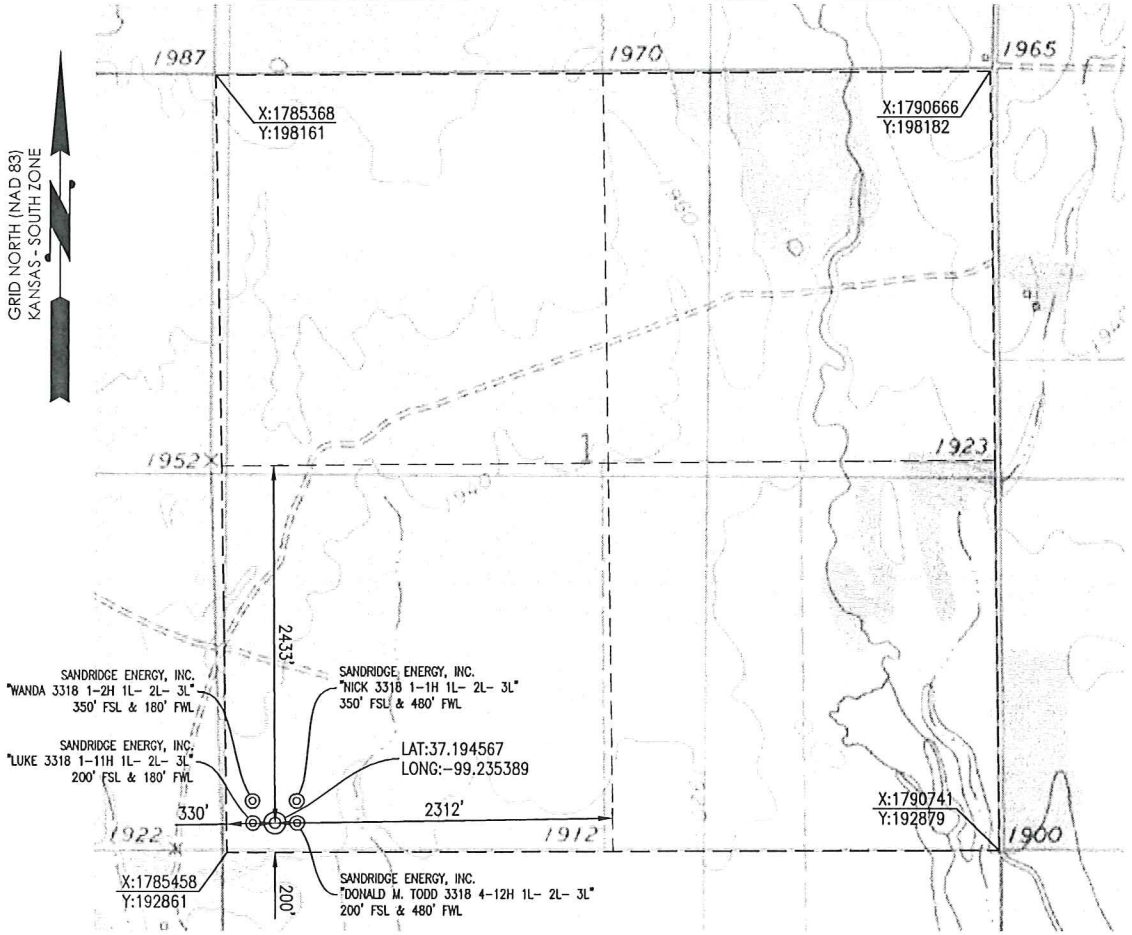
Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	80	Mid-Continent Conductor grout	9	none
Surface	12.25	8.63	24	875	O-Tex Lite Premium Plus 65/35; Premium Plus (Class C)	530	(6% gel) 2% Calcium Chloride, 1/4 pps Celo-Flake, .4% C-41P
Production	7.87	5.5	17	6045	O-Tex Lite Premium Plus 65/35; Premium Plus (Class C)	710	6% gel, .2% fl-17, .2% c-20, .4% c-41p, 1/4 PPS Celloflake

170 Commerce Road, Building 201
Conway, Arkansas 72032
501.328.3316 t 501.328.3325 f
www.craftontull.com
Crafton Tull
SURVEYING

COMANCHE COUNTY, KANSAS

200' FSL- 330' FWL SECTION 1 TOWNSHIP 33S RANGE 18W 6TH P.M.



ELEVATION:
1932' GR. AT STAKE

OPERATOR: SANDRIDGE ENERGY, INC. **WELL NO:** 1-1

LEASE NAME: PRATT SWD 3318

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

GOOD DRILL SITE: YES

REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: NONE

BEST ACCESSIBILITY TO LOCATION: SOUTH LINE

DISTANCE & DIRECTION FROM HWY JCT OR TOWN: FROM THE JCT. OF US-160 & ROAD 19 (±6.0 MILES EAST OF COLDWATER, KS) TRAVEL SOUTH ON ROAD 19 FOR ±6.0 MILES TO THE SOUTHEAST CORNER OF SECTION 1, T33S-R18W.

JEREMY A. LAWSON LICENSED 1584 KANSAS LAND SURVEYOR 5/15/2014

(THE FOLLOWING INFORMATION WAS GATHERED USING A GPS RECEIVER ACCURACY ±2-3 METERS)

GPS
DATUM: NAD-27
LAT: 37.194567
LONG: -99.235389

STATE PLANE COORDINATES:
ZONE: KS-SOUTH NAD-27
X: 1785784.9
Y: 193062.6

DATE STAKED: 5-14-2014

GENERAL NOTES:

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. DRILL SITE CONDITION DETERMINATIONS WERE MADE BY SANDRIDGE ENERGY INC. REPRESENTATIVES.

GRAPHIC SCALE IN FEET
1000 500 0 1000

REVISION	
1	MOVED SHL (05-14-2014)

SandRidge

"PRATT SWD 3318 1-1"
PART OF THE SW1/4 OF SECTION 1, T-33-S, R-18-W
PROPOSED DRILL SITE
COMANCHE COUNTY, KANSAS

SCALE: 1" = 1000'
PLOT DATE: 05-15-2014 | DRAWN BY: MF | SHEET NO.: 1 OF 3

G:\102009-00 (SANDRIDGE ENERGY)\SUR\DWG (WELL-PLATS)\PRATT_SWD_3318_1-1\PRATT SWD 3318 1-1.DWG 5/15/2014 10:00:06 AM MF1332

Invoice

Date	Invoice #
8/1/2014	2924

P.O. Box 1570
Woodward, OK 73802

Phone: (580)254-5400
Fax: (580)254-3242

Bill To
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Carl Miller	Net 30	8/1/2014	Pratt SWD 3318 1-1, Comanche Cnty, KS	Tomcat 2

Item	Quantity	Description
Conductor Hole	100	Drilled 100 ft. conductor hole.
20" Pipe	100	Furnished 100 ft. of 20 inch conductor pipe.
Rat & Mouse Holes	1	Drilled rat hole and mouse hole.
Rat Hole Shuck	1	Furnished rat hole shuck.
Mouse Hole Shuck	1	Furnished mouse hole shuck.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Transport Truck - Conductor	1	Transport mud and water to location.
Grout & Trucking	9	Furnished 9 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Fence Panels	1	Furnished and set safety netting around holes.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor and equipment for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits

Subtotal	$15,000.00
Sales Tax (0.0%)	$0.00
Total	$15,000.00

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 4038	08/09/14

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Oklahoma	dridge Exploration & Produc	Audie Miller

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Pratt SWD 3318	1-1	Surface	Rockky Anthis

EMP NAME

Rocky Anthis		Ron Derry					
Kyle Laskowitz		Chris Lowis					
Roy Morris		Steve croler					
Chris Looney							

Form. Name _____ Type: _____

Packer Type _____ Set At _____ 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 900

	Called Out	On Location	Job Started	Job Completed
Date	8/8/2014	8/8/2014	8/8/2014	8/8/2014
Time	14:00	16:00	6:00	11:00

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing		24#	8 5/8"	Surface	881	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12¼"	Surface	875	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	WBM	Density 9	Lb/Gal	
Disp. Fluid	Fresh Water	Density 8.33	Lb/Gal	
Spacer type	resh Wate	BBL. 10	8.33	
Spacer type		BBL.		
Acid Type		Gal.	%	
Acid Type		Gal.	%	
Surfactant		Gal.	In	
NE Agent		Gal.	In	
Fluid Loss		Gal/Lb	In	
Gelling Agent		Gal/Lb	In	
Fric. Red.		Gal/Lb	In	
MISC.		Gal/Lb	In	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
8/8	19.0
Total	19.0

Operating Hours

Date	Hours
8/8	2.0
Total	2.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG.

Average Rates in BPM

MAX 6 BPM AVG 5

Cement Left in Pipe

Feet 45 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	280	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - ¼pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	250	Premium Plus (Class C)	2% Calcium Chloride - ¼pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary

Preflush		Type:		Preflush: BBl	10.00
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn: Gal - BBl	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBl	55
		Actual TOC	SURFACE	Calc. TOC:	SURFACE
Average		Bump Plug PSI:	700	Final Circ. PSI:	200
ISIP _____ 5 Min. _____ 10 Min _____ 15 Min _____				Cement Slurry BBl	159.0
				Total Volume BBl	222.00

Type:	Fresh Water		
Pad:Bbl -Gal	N/A		
Calc.Disp Bbl	53		
Actual Disp.	53.00		
Disp:Bbl	53.00		

CUSTOMER REPRESENTATIVE Audie Miller

SIGNATURE

JOB SUMMARY

COUNTY	State	COMPANY	PROJECT NUMBER	TICKET DATE
Comanche	Kansas	Sandridge Exploration & Production	SOK 4068	08/18/14
LEASE NAME	Well No.	JOB TYPE	CUSTOMER REP	
Pratt SWD 3318	1-1	Intermediate	0	
			EMPLOYEE NAME	
			marcos quintana	

EMP NAME

Marcos Quintana	jacob j		
Wallace Berry			
David Settlemier			
ronald d			

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 6045'

	Called Out	On Location	Job Started	Job Completed
Date	8/17/2014	8/17/2014	8/17/2014	8/17/2014
Time	0900	1500	2200	2400

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing		17#	5 1/2	Surface		5,000
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			7 5/6	Surface	6045'	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	WBM	Density 9	Lb/Gal	
Disp. Fluid	Fresh Water	Density 8.33	Lb/Gal	
Spacer type	gel	BBL. 30		8.33
Spacer type		BBL.		
Acid Type		Gal.	%	
Acid Type		Gal.	%	
Surfactant		Gal.	In	
NE Agent		Gal.	In	
Fluid Loss		Gal/Lb	In	
Gelling Agent		Gal/Lb	In	
Fric. Red.		Gal/Lb	In	
MISC.		Gal/Lb	In	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
8/17	8.0
Total	8.0

Operating Hours

Date	Hours
8/17	2.0
Total	2.0

Description of Job

Intermediate

Pressures

MAX 5,000 PSI AVG. 500

Average Rates in BPM

MAX 8 BPM AVG 6

Cement Left in Pipe

Feet 85 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	515	TEX Lite Premium Plus 65	6% Gel - 0.2% FL-17 - 0.2% C-20 - 0.4% C-41P- 1/4 pps Celloflake	11.04	2.01	12.40
2	195	Premium Plus (Class C)	0.2% FL-17 - 0.4% C-20 - 0.4% C-41P- 1/4 pps Celloflake	6.32	1.33	14.80
3	0	0	0	0.00	0.00	0.00

Summary

Preflush _____ Type: _____

Breakdown _____ MAXIMUM 5,000 PSI

_____ Lost Returns-N NO/FULL

_____ Actual TOC _____

Average _____ Bump Plug PSI: 1,750

ISIP _____ 5 Min. _____ 10 Min _____ 15 Min _____

Preflush:	BBl	30.00	Type: Gel Spacer
Load & Bkdn:	Gal - BBl	N/A	Pad:Bbl -Gal N/A
Excess /Return	BBl	N/A	Calc.Disp Bbl 139
Calc. TOC:		tail@ 4617	Actual Disp. 138.00
Final Circ.	PSI	1,250	Disp:Bbl 138.00
Cement Slurry:	BBl	230.6	
Total Volume	BBl	398.55	

CUSTOMER REPRESENTATIVE _____

SIGNATURE