Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1353622

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 #	API No. 15				
Name:	Spot Description:				
Address 1:	SecTwpS. R 🗌 East 🗌 West				
Address 2:	Feet from North / South Line of Section				
City: State: Zip:+	Feet from _ East / _ West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:Producing Formation:				
☐ Oil ☐ WSW ☐ SWD ☐ SIOW					
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:				
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan				
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)				
Commingled Paymit #:	Chloride content: ppm Fluid volume: bbls				
☐ Commingled Permit #: ☐ Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
ENHR Permit #:	·				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R				
Recompletion Date Recompletion Date	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:				

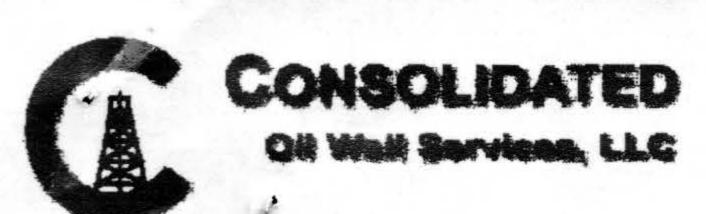
1353622	

Operator Name:			Lease Na	me:		Well #:		
Sec Twp	S. R	East West	County: _					
open and closed, flow	ow important tops of foing and shut-in pressu o surface test, along wi	res, whether shut-in p	ressure reache	d static level, hy	drostatic pressures, b			
	g, Final Logs run to ob d in LAS version 2.0 o				e emailed to kcc-well-	logs@kcc.ks.go	v. Digital electronic lo	
Orill Stem Tests Taken (Attach Additional S		Yes No			ormation (Top), Depth		Sample	
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No		Name		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
ist All E. Logs Run:								
		CASIN Report all strings se	IG RECORD	New Use				
Purpose of String	Size Hole	Size Casing	Weight	Settir	ng Type of	# Sacks	Type and Percent	
- urpose or string	Drilled	Set (In O.D.)	Lbs. / Ft	t. Dept	h Cement	Used	Additives	
		ADDITION	AL CEMENTING	i / SQUEEZE REG	CORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Us	sed	Type and Percent Additives			
Perforate Protect Casing	тор Вопот							
Plug Back TD Plug Off Zone								
1 lag on zono								
	lic fracturing treatment or			Yes	No (If No, s	skip questions 2 ar	nd 3)	
	otal base fluid of the hydra					skip question 3)	of the ACO 1)	
vas the hydraulic fracturi	ng treatment information	submitted to the chemic	ai disclosure regis	try? Yes	No (If No, i	fill out Page Three	or the ACO-1)	
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Ac	cid, Fracture, Shot, Ceme (Amount and Kind of I		d Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Rur	n: Yes N	lo.		
Date of First Posumed	Production, SWD or ENH	R. Producing M	ethod:					
Date of First, nesumed	i ioddolioli, gwd ol ENH	Flowing	Pumping	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity	
DISDOSITIO	ON OF GAS:	· ·	METHOD OF CO	OMPLETION:		PPON IOTIC	ON INTERVAL:	
				Dually Comp.	Commingled	LUODOCIIC	ZIN IINTERVAL.	
(If vented, Sub		Other (Specify)	(5	Submit ACO-5)	(Submit ACO-4)			
		Outon (Opeolly)			-			

Form	ACO1 - Well Completion
Operator	S & B Operating LLC
Well Name	ABC SB-1
Doc ID	1353622

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	22	Portland	4	N/A
Production	6.25	2.875	6.5	389	50/50 Poz	59	Phenoseal



50181 TICKET NUMBER LOCATION FOREMAN_

PO Box 884 Chanute KS 66720

FIELD TICKET & TREATMENT REPORT

DATE CUSTOMER WELL MANE & NUMBER SECTION TOWNSHIP RANCE COUNTY (19-17) 7381 ABC SB-1 CUSTOMER OPENAL'S SB-1 CUSTOMER OPENAL'S SB-1 CUSTOMER OPENAL'S SB-1 CUSTOMER OPENAL'S SB-1 CUSTOMER TRUCK'S DRIVER TRUCK'S DR		or 800-467-8676			CEMENT		MVO	w To	10117
CUSTOMER SCHOOL DREADT S MALLING ADDRESS 9383 W 110 The Step 500 CITY WE STATE 21P CODE WE LAND PAK 155 BEAU JOB TYPE CHASSING MOLE SIZE 6/4) HOLE DEPTH 4P2 CASING SIZE WEIGHT 2 7B SLURRY WEIGHT 3894 DISPLACEMENT PSI BOD MIX PSI BOD MATER SAIRS SLURRY WEIGHT BILL PIPE TUBING SLURRY WEIGHT BILL PIPE TUBING SLURRY WEIGHT BILL PIPE TUBING WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M CEMENT LEFT IN CASING YES RATE 4 MP M WATER SAIRS CEMENT LEFT IN CASING YES RATE 4 MP M CEMENT LEFT IN CASING YES RATE 4 MP M CEMENT LEFT IN CASING YES RATE 4 MP M CEMENT LEFT IN CASING RATE 4 MP M CEMENT LEFT IN CASING RATE 4 MP M CEMENT LEFT IN CASING CEMENT LEFT IN CASING CEMENT LEFT IN CASING CEMENT LEFT IN CASING CEMENT LEFT IN CASI	DATE	CUSTOMER#	WEL	L NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
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Sold	CF 0711 "	3	nia		iles		804	22000	
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	D-vin 0707						8,6	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	314
	naviii 3/3/	1	1						1191 32

AUTHORIZTION DATE (28.37 ° 9)

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this f



Operator:

S&B Operating, LLC Overland Park, KS

ABC #SB-1

Miami Co., KS 22-17S-22E API: 121-31334

 Spud Date:
 4/12/2017
 Surface Bit:
 9.875"

 Surface Casing:
 7.0"
 Drill Bit:
 5.875"

 Surface Length:
 22.5'
 Longstring:
 389.85'

 Surface Cement:
 4 sx
 Longstring Date:
 4/13/2017

Longstring: 2 7/8 EUE

Driller's Log

Тор	Bottom	Formation	Comments	<u> </u>
0	2	Soil		
2	10	Clay & Grave	el	
10	21	Lime		
21	39	Shale		
39	45	Lime		
45	79	Shale		
79	95	Lime		
95	105	Shale		
105	127	Lime		
127	137	Shale		
137	161	Lime		
161	166	Shale		
166	168	Lime		
168	175	Lime	Shaley	
175	180	Lime		
180	318	Shale		
318	348	Sand	318-322	Broken sand, faint odor
348	350	Shale	322-324	Sandy lime, no odor, no show
350	357	Lime	324-326	Broken sand, odor, washed out
357	402	Shale	326-331.5	Better sand, better odor
402		TD	331.5-334	Good sand, good bleed
			334-334.5	Sand - limey, no show
	Core		334.5-336.5	5 Mostly sand, good bleed
Run	Depth	Rec.	336.5-339	Sand - limey, spotty bleed back
1	331-351	20'	339-348	Mostly sand, good bleed