Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1353688

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:	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.xxxxxx)				
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	Elevation: Ground: Kelly Bushing:				
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Total Vertical Depth: Plug Back Total Depth:				
☐ OG ☐ ☐ GSW ☐ Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet				
Cothodia Othor (Court First at a la	Multiple Stage Cementing Collar Used? Yes No				
Cathodic Other (Core, Expl., etc.):					
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 Poweit #	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 #:	Location of fluid disposal if fladied offsite.				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R				
Recompletion Date Recompletion Date	Countv: 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:

iwo

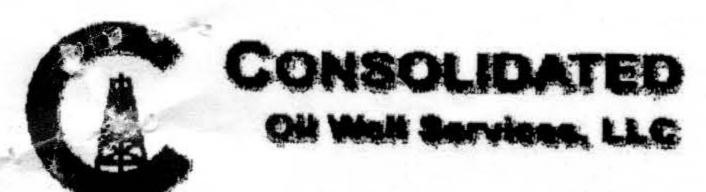
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Operator Name:				_ Lease Na	ame:			Well #:		
Sec Twp	S. R	East	West	County:						
open and closed, flow	ow important tops of for ing and shut-in pressu to surface test, along w	ires, whether	shut-in pre	ssure reache	ed statio	e level, hydros	static pressures			
	g, Final Logs run to ob d in LAS version 2.0 o					gs must be er	nailed to kcc-w	vell-logs@kcc.ks	.gov. Dig	ital electronic lo
Drill Stem Tests Taken (Attach Additional S		Yes	No		L		Formation (Top), Depth and Datum			Sample
Samples Sent to Geol	logical Survey	Yes	No		Name	Э		Тор		Datum
Cores Taken Electric Log Run		Yes Yes	☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING		Ne	w Used	uction etc			
Purpose of String	Size Hole	Size Cas		Weigh		Setting	Type o	f # Sack	s Ty	pe and Percent
Fulpose of String	Drilled	Set (In C	D.D.)	Lbs. / F	t.	Depth	Cemer	t Used		Additives
		A.F.	DITIONAL	OFMENTING	2 / 0011					
Purpose:	Depth					EEZE RECOR		and Darsont Addit		
Perforate	Top Bottom	Type of Cement # Sacks Used			Jsea	Type and Percent Additives				
Protect Casing Plug Back TD										
Plug Off Zone										
	ulic fracturing treatment or					Yes		No, skip questions		
	otal base fluid of the hydra ing treatment information	_			-	Yes Yes	_	No, skip question 3 No, fill out Page Th		ACO 1)
vvas trie riyuraulic fractur	ing treatment information	Submitted to the	e chemical c	iisciosure regi	Suy!	ies		vo, iiii out rage Tii		400-1)
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated							ement Squeeze Re If of Material Used)	∍cord	Depth	
							•	·		
TUDING DECORD	Cize	Co+ A+.		Do-lin A		Line: D:				
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:	Yes	No		
Date of First, Resumed	Production, SWD or ENH	IR. Pro	ducing Meth	od:						
,	,		Flowing	Pumping		Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio)	Gravity
DIODOGITI	ON OF CAS:			IETHOD OF O		TION		DDODU	CTION INT	ED\/AL:
	ON OF GAS:	Open	_	IETHOD OF C	OMPLE Dually		Commingled	PRODU	CTION INT	EHVAL:
Vented Sold					Submit A		ubmit ACO-4)			
(II verilea, Sul	JIIII ACO-10.)	Other	(Specify)							

Form	ACO1 - Well Completion
Operator	S & B Operating LLC
Well Name	ABC SB-3
Doc ID	1353688

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	"		Type and Percent Additives
Surface	9.875	7	17	22	Portland	4	N/A
Production	6.25	2.875	6.5	359	50/50 Poz	59	Phenoseal



PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

DATE CUSTOMER# WELL NAME & NUMBER SECTION TOWNSHIP RANGE 17-12-17-7381 ABC SB-3 SE 22 17-22 CUSTOMER CUSTOMER MALING ADDRESS MALING ADDRES	DRIVER Meer
CUSTOMER STATE DEPOSE GIRL PIPE CHITY STATE ZIPCODE DVLNIGAD PAYK KS KADD JOB TYPE DAG STYING HOLE SIZE DIA HOLE DEPTH 382 CASING SIZE & WEIGHT 2 CASING DEPTH 355 DRILL PIPE TUBING CHERT LEFT IN CASING YOU REMARKS: Held Meeting Established water for Self Shell Payer ACCOUNT LAMPED ALL SEAL PLY SACK C'YCULGTER CEMENT. Fly Jump. ACCOUNT CODE ACCOUNT CODE ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT DIMP CHARGE LOCASING ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE LOCASING LOCASING DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE LOCASING LOCASING DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE LOCASING LOCASING DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE LOCASING ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE LOCASING TRUCK# TRU	Mees 1/8
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MAILING ADDRESS GIG ANDRESS CITY OVENAND PARK STATE SAGIO SAGIO SAGIO MIK HGQ MIK HGQ MIK HGQ MIK HGQ MIK HGQ CASING SIZE & WEIGHT COTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING MIX PART ARTE HAM REMARKS: Held Meeting Established vate, Mixed to pump TO THER SAGIO STATE SAGIO STATE SAGIO SIZE MILEAGE ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE LOGO LOGO MILEAGE SAGIO	Mees 1/8
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JOB TYPE DAY STING CASING DEPTH 355 DRILL PIPE TUBING TUBING OTHER SLURRY WEIGHT SLURRY VOL DISPLACEMENT 200 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 600 REMARKS: Held neeting FStabladed vate, Mixed to Plus 4 100 th Sel followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Bland I.s. Fly fund followed by 59 sacks for Broduct Mr. Ceum D'i'lling ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE E0450 PUMP CHARGE 368 1500 FOOT! MILEAGE WEO853 MILEAGE SUPER	el .
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(E002 / 25 MILEAGE 368 178 75 CE0711 / 3 Min. ton Miles 804 220 90 1998.75	TOTAL
CE0711 / 3 min. ton miles 804 22000. WE-0853 / hr 80 vac 369 10000.	
WE-0853 1 hr 80 vgc 369 100 = 1998.75	
546 1998.75	
hess 58% - 1159,28	
	839.4
((5840)	
CC 3840- 34 5K POZBICAO I.A 79650.	
5970	
Scotted Thenoseg!	
2 10 11 de plas	
1 545 - 941 10	20-51
hes 586 - 346 D	345
CALFORN	2164
Ravin 3737 SALES TAX ESTIMATED	0/=
AUTHORIZTION TITLE TOTAL	17/10/01/09



Operator:

S&B Operating, LLC Overland Park, KS

ABC #SB-3

Miami Co., KS 22-17S-22E API: 121-31336

 Spud Date:
 4/10/2017
 Surface Bit:
 9.875"

 Surface Casing:
 7.0"
 Drill Bit:
 5.875"

 Surface Length:
 22.0'
 Longstring:
 359.9'

 Surface Cement:
 4 sx
 Longstring Date:
 4/11/2017

Longstring: 2 7/8 EUE

Driller's Log

Тор	Bottom	Formation	Commen	nts
0	2	Soil		
2	10	Clay & grave	l	
10	12	Lime		
12	21	Shale		
21	27	Lime		
27	63	Shale		
63	78	Lime		
78	87	Shale		
87	111	Lime		
111	116	Shale		
116	118	Bl. Shale		
118	144	Lime		
144	148	Shale		
148	160.5	Lime		
160.5	165	Shale	Limey	
165	300	Shale		
300	328.5	Sand	See belov	W
328.5	336	Lime		
336	345	Shale	Limey	
345	382	Shale		
382		TD	300-313	Laminated sand, slight odor
			313-318	Mostly sand, fair bleed
	Core		318-319	Lime
Run	Depth	Rec.	319-324	Good sand, good oil bleed
1	307-327	20'	324-328	Some shale laminations, good bleed of free oil