

Co	nfiden	tiality	/ Requested:
	Yes	N	lo

### Kansas Corporation Commission Oil & Gas Conservation Division

1200894

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:			Sec.	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □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:	W	ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:	
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
Plug Back	Conv. to G		(Data must be collected from to		
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls
Dual Completion			Dewatering method used:_		
SWD			Location of fluid disposal if	hauled offsite:	
ENHR	Permit #:				
GSW	Permit #:		Operator Name:		
			Lease Name:		
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East West
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 Approved by: Date:					

Page Two



Operator Name:				Lease N	Name:			_ Well #:		
Sec Twp	S. R	East	West	County	:					
	ow important tops of fo ing and shut-in pressu o surface test, along wi	res, whe	ther shut-in pre	ssure reacl	hed stati	c level, hydrosta	tic pressures, bo			
Final Radioactivity Logilles must be submitted						gs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital	electronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No			3	n (Top), Depth a			Sample
Samples Sent to Geol	ogical Survey	Ye	es No		Name	9		Тор	L	Datum
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
			CASING	RECORD	☐ Ne	w Used				
		Repo				rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
									<u> </u>	
Purpose	Depth					EEZE RECORD				
Purpose: Perforate	Top Bottom	Туре	of Cement	# Sacks	Used		Type and I	Percent Additives		
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydrau	ilic fracturing treatment or	this well?	,			Yes	No (If No, sk	ip questions 2 ar	nd 3)	
	otal base fluid of the hydra		•		•			ip question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical of	disclosure reg	gistry?	Yes	No (If No, file	out Page Three	of the ACC	)-1)
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Cemen		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	R.	Producing Meth Flowing	nod:	g $\square$	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls.	Gas	Mcf	Wate	er Bi	ols.	Gas-Oil Ratio		Gravity
DIODOGITI	ON OF CAS:			AETLIOD OF	COMPLE	TION		BDOD! IOT!	או ואודכטי	
Vented Sold	ON OF GAS:  Used on Lease		) Open Hole	METHOD OF Perf.	Dually	Comp. Con	nmingled	PRODUCTIO	YN INTEK	/AL.
(If vented, Sub			Other (Specify)		(Submit A	ACO-5) (Subi	mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Bowman Oil Company, a General Partnership
Well Name	BHB 1
Doc ID	1200894

## All Electric Logs Run

Dual Induction Log
Dual Compensated Porosity Log (Compensated Neutron & Compensated Density Logs)
Microresistivity Log
Computer Processed Log
Gamma Ray Correlation Log

Form	ACO1 - Well Completion
Operator	Bowman Oil Company, a General Partnership
Well Name	BHB 1
Doc ID	1200894

## Tops

Name	Тор	Datum
Anhydrite	1797	+414
Base of Anhydrite	1842	+369
Topeka	3184	-973
Heebner	3394	-1183
Lansing	3428	-1217
Base of Kansas City	3619	-1408
Arbuckle	3657	-1446
RTD	3690	

# ALLIED OIL & GAS SERVICES, LLC 054846

Federal Tax I.D.# 20-5975804

REMIT TO P.O. B	OX 31 ELL, KA	NSAS 67	665		SER	VICE POINT:	25	
	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 12:30 AS	
ATE 12-17-13	SEC.	7	20			COUNTY	STATE	
EASE BHB	WELL#	1	LOCATION Da	mar KS 16N	Einto	COUNTY	165	
OLD ORNEW CI	ircle one)					ل		
CONTRACTOR	White	· Knie	14	OWNER				
TYPE OF JOB .5	urfac							
HOLESIZE 12		T.		CEMENT	RDERED 175	com 39	29.9cel	
CASING SIZE 8	1/8 23	-	EPTH 22/	AMOUNT OF	CDERED 110	com J	000000	
UBING SIZE ORILL PIPE			EPTH				1.71	
OOL			EPTH			1300	2/22 60	
PRES. MAX		M	IINIMUM	COMMON_	175	to the second se	3132,50	
MEAS. LINE		SI	HOE JOINT 15	POZMIX _	3,29	@@	76.99	
CEMENT LEFT II	N CSG. J.	<u> </u>	THE STATE OF THE S	GEL CHLORIDE			384.00	
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BULK TRUCK	HELFE	MAY	8511 12			@	HNG -	
# 378	DRIVER	Joc	G			@		
BULK TRUCK	71 K 20						115555	
# No. 10. 1	DRIVE	}	-	HANDLING	188,99 5	13@2.48	468.7/	
				MILEAGE _	131,48 4/	a 2,60	1121.84	
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To: Allied Oil &	zooverte	d to rent	cementing equipm	ent g		@		
and furnish cen	reguesie renter an	d helper(	s) to assist owner of	or ·		@	_	
contractor to do	work as	is listed.	The above work	was		TOT	4.7	
done to satisfac	tion and	supervisi	ion of owner agent	or		TOT	AL	
contractor. I ha	ve read a	and under	rstand the "GENEI	RAL	V (If Any)		LEA	
TERMS AND	CONDIT	IONS" li	sted on the reverse	cide unus in		90		
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inox JuvyI SWIFT OPERATOR **JAVOR99A** COSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

The customer hereby acknowledges receipt of the materials and services listed on this ficket. CUSTOMER DID NOT WISH TO RESPOND TIME SIGNED 785-798-2300 M.9 B **JATOT** DATE SIGNED ON [ □ KE2 MESS CILL' KS 67560 ARE YOU SATISFIED WITH OUR SERVICE? SATISFACTORILY? CALCULATIONS
AND PERFORMED JOB XAT P.O. BOX 466 START OF WORK OR DELIVERY OF GOODS WE OPERATED THE EQUIPMENT MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO PERFORMED WITHOUT DELAY? SWIFT SERVICES, INC. LIMITED WARRANTY provisions. **WET YOUR NEEDS?** but are not limited to, PAYMENT, RELEASE, INDEMNITY, and WE UNDERSTOOD AND WITHOUT BREAKDOWN? the terms and conditions on the reverse side hereof which include, PAGE TOTAL 01041 REMIT PAYMENT TO: оия едирмеит реягоямер FECAL TERMS: Customer hereby acknowledges and agrees to DECIDED VCKEE ON- DIS-AGREE SURVEY 0848 02 LIh 1000 200 200 n 00 Sch 2558 INOT VO 2555 S Ach FII Loh وط 518 565 02 Son 100 2 1205 009 00 706 :35 PL 258 (10) 195 7.41-0 067 24 012 n 2 187 205 529 52 w 127 52 156 anl 20 3 6242 cwT 645 52 0007 2207 NO 2110 MILEAGE 120 9 PL 02 H 00 TOC DE **ACCT** REFERENCE Wn PART NUMBER WO MD. MD. PRICE DESCRIPTION TNUOMA PRICE SECONDARY REFERENCE/ TINU **ACCOUNTING** INVOICE INSTRUCTIONS REFERRAL LOCATION De velopment 110 JOB PURPOSE WELL CATEGORY **MELL TYPE** WELL LOCATION **WELL PERMIT NO.** C SALES TO AIV 10047701 2 SEBNICE (1 44 t) (50N TICKET TYPE CHIPPED RIG NAME/NO. CONTRACTOR DELIVERED TO ORDER NO. SHB 5)1 Kunks 15-55-13 HSIAANYTNUOD **TEASE** WELL/PROJECT NO. SERVICE LOCATIONS **STATE DATE** OMNEB 'SƏDILLIƏS SITY, STATE, ZIP CODE OL PAGE ADDRESS 130 vow mos 59797 TICKET CHARGE TO:

P2121 .0N

## TICKET CONTINUATION

Off: 785-798-2300 Ness City, KS 67560 PO Box 466

or 010h1	JATOTNOMA	СОИТІИ									
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JOB LO			WELL NO.		SWIFE	serv	ices, Inc. Date 12-22-13 PAG
OTOWER	Bowman	001	WELL NO.		LEASE BHO	3	JOB TYPE 52 TWO Stage TICKET NO. 25259
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (SAP)	PUMPS T C	PRESSURI TUBING	E (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
	2230			-	Jobino	CASIRG	on location
							TD 3690 55 42
							to 3/84 T . 3/40
							11 200 21 2284' CL 1554
							TP 3684 Insert 3642  OV TOP 36 2204 5/2 x 15.54  Central. 705 3, 6912, 35 Buskers 2, 34
	0230						Start Pipe
	0430						
	0.50						Orop Ball Breck Circulation
· · · · · · · · · · · · · · · · · · ·	0530	5	12	V		300	Str. M. C.
	∀ر هر∪	5	20	V		3w	Start Mud flush
		5	36	1	1 2 2 3 3 3	300	Start KL L Flush
			76			,	Star cement 150 sks EA-2
	0605		++				0 2/
	000		+				Drop Plug wash out Pump thines
	0610	6					SE and
	00.0	5	34	-		200	Start D.3 placement
-		6		-		2W	Stept Mud
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	062)	6	06.1			1500	land Plug
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			7	$\dashv$		1(0)	Drup upen Plug
	0640		//	-			Plug RH Busks
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			<del>                                     </del>	- V			open OV
	0651	4	1112	- /			Start Cement 370 sks SMD
		<u> </u>	110	~			200 Sts @ 11.2 \$/941
_		<u> </u>	47	0			70 sks @ 12.2 4/gal
			21	-			10 sks @ 13.3 79cl
	522 6			$\dashv$	<del></del>		
	0735	5		$\dashv$			Drup Plug
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		5					1211
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	0845						Jub Complexe
							thank You
							Josh, Brian, Dovy, John

