

### Kansas Corporation Commission Oil & Gas Conservation Division

1366566

Form ACO-1
November 2016
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.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	NE NW SE SW
CONTRACTOR: License #	di o Locationi. Lati
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW	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 EOR ☐ Conv. to SWI	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Prod	ucer (Data must be collected from the Reserve Pit)
Down't #	Chloride content:ppm Fluid volume:bbls
☐ Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
EOR 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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:					Lease Na	ıme: _			Well #:	
SecTwp	oS. F	R	East	West	County: _					
	flowing and sh	ut-in pressure	s, whe	ther shut-in pre	essure reache	ed stati	c level, hydrosta	tic pressures, t		val tested, time tool erature, fluid recovery,
Final Radioactivit files must be sub							gs must be ema	iled to kcc-wel	l-logs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests T			Ye	es No		L		on (Top), Depth		Sample
Samples Sent to	Geological Sur	vey	Ye	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	_		<ul><li> Y€</li><li> Y€</li></ul>	es No						
			Repo		RECORD conductor, surfa	Ne	w Used	on, etc.		
Purpose of Str	ing Siz	e Hole		e Casing	Weight		Setting	Type of	# Sacks	Type and Percent
Fulpose of Sti	"' <sup>g</sup> D	rilled	Set	(In O.D.)	Lbs. / F	t.	Depth	Cement	Used	Additives
				ADDITIONAL	CEMENTING	i / SQL	JEEZE RECORD			
Purpose:		Depth Bottom	Type	of Cement	# Sacks U	sed		Type an	d Percent Additives	
Perforate Protect Cas	sing									
Plug Back Plug Off Zo										
1 lug Oli 20	JIIC .									
Did you perform	a hydraulic fractu	ring treatment o	n this w	ell?			Yes	No (If No,	skip questions 2 ar	nd 3)
2. Does the volume	e of the total base	fluid of the hydr	aulic fra	cturing treatmen	t exceed 350,00	00 gallo	ns? Yes	No (If No,	skip question 3)	
3. Was the hydrauli	ic fracturing treatr	nent information	submit	ted to the chemic	cal disclosure re	egistry?	Yes	No (If No,	fill out Page Three	of the ACO-1)
Date of first Produc	ction/Injection or F	Resumed Produc	ction/	Producing Met	hod:					
Injection:				Flowing	Pumping		Gas Lift C	other (Explain)		
Estimated Produc Per 24 Hours	tion	Oil Bbls	S.	Gas	Mcf	Wat	er Bl	ols.	Gas-Oil Ratio	Gravity
DISPO	SITION OF GAS	:		N	METHOD OF C	OMPLE	TION:			N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole	Perf.			nmingled	Тор	Bottom
(If vente	d, Submit ACO-18.	)				(Submit	ACO-5) (Subi	mit ACO-4)		
Shots Per	Perforation	Perforation	1	Bridge Plug	Bridge Plug		Acid,	Fracture, Shot, (	Cementing Squeeze	Record
Foot	Тор	Bottom		Туре	Set At			(Amount and k	Kind of Material Used)	
						-				
TUBING RECORE	): Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Town Oil Company Inc.
Well Name	BRESHEARS I-1
Doc ID	1366566

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9	7	10	40	Portland	4	50/50 POZ
Production	5.625	2.875	8	761	Portland	136	50/50 POZ

9/7/17

Leavenworth County, KS Well:Breshears I-1

Lease Owner: Town Oil

### WELL LOG

Thickness of Strata	Formation	Total Depth
0-10	Soil-Clay	10
16	Sand	26
37	Shale	63
7	Lime	70
7	Shale	77
16	Lime	93
5	Shale	98
7	Lime	105
15	Shale	120
34	Lime	154
5	Shale	159
30	Lime	189
2	Shale	191
39	Lime	230
19	Shale	249
5	Lime	254
3	Shale	257
2	Lime	259
11	Shale	270
16	Lime	286
16	Shale	302
20	Lime	322
1	Shale	323
32	Lime	355
6	Shale	361
25	Lime	386
3	Shale	389
6	Lime	395
2	Shale	397
10	Lime	407
6	Shale	413
11	Sand	424
91	Shale	515
14	Sand	529
22	Shale	551
3	Lime	554
17	Shale	571
6	Lime	577
4	Shale	581
4	Lime	585

Leavenworth County, KS Well:Breshears I-1

# Town Oilfield Service, Inc. Commenced Spudding: 9/7/17

Lease Owner: Town Oil

	1	
8	Shale	593
9	Lime	602
15	Shale	617
2	Lime	619
12	Shale	631
3	Lime	634
29	Shale	663
1	Lime	664
6	Shale	670
15	Sand	685
95	Shale	780-TD
	Chaic	700 15
<u>u</u>		

## **Short Cuts**

TANK CAPACITY

BBLS. (42 gal.) equals D<sup>2</sup>x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

#### TO FIGURE PUMP DRIVES

- \* D Diameter of Pump Sheave
- \* d Diameter of Engine Sheave

**SPM - Strokes per minute** 

**RPM - Engine Speed** 

R - Gear Box Ratio

\*C - Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) +  $\frac{(D-d)^2}{4C}$ 

\* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

746 WATTS equal 1 HP

Log Book

Farm Broshears

KS Leavenhort (County)

(State) (County)

(Section) (Township) (Range)

For Town Oil Company (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

Breshears Farm: Leavenhorth County	CA.	SING AN	ND TUBING	MEAS	UREMENTS	
FS State; Well No. I-1  Elevation 874	Feet	In.	Feet	In.	Feet	ln.
Commenced Spuding 9-7 20 17	729.	35	Ba	4	10	
Finished Drilling 9-8	761.	05	Floo	4		
Driller's Name Wesley Dollard						
Driller's Name Kyan Ward	780	TD		2	110	
Driller's Name				~	10	
Tool Dresser's Name Drake Williams						
Tool Dresser's Name	-					
Tool Dresser's Name	-					
Contractor's Name  10 12 21						
(Section) (Township) (Range)						
Distance from   1613ft.	-		-			
Distance fromEline,767ft.						
4 sacks						
9 405						
57/4 borchole						
278 casing						
CASING AND TUBING	-					
RECORD						
10" Set 10" Pulled						
8" Set 8" Pulled	-					
7 Set						

-1-

2" Pulled

Thickness of	Formation	Total	
Strata		Depth /O	Remarks
0-10	Soil-Glay		9
16	sand /	26	water
37	Shale	63	
_7	Lime	70	
7	Shale	77	-
16	Lime	93	
5	Shale	98	
7	Lime	105	
15	Shale	120	
34	·Lime	154	
5	Shale	159	
30	Lime	189	
2	Shale	191	1 =
39	Lime	230	
19	Shale	249	
5	Lime	254	
3	She C	257	
2	lime	259	1
11	Shele	270	redbeck
16	Lime	286	
16	Shele	302	
20	line	322	
	Shale	323	
32	lime	355	
6	Shale	361	*
25	Lime	386.	
3	shile	389	

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		389	
Thickness of Strata	Formation	Total Depth	Remarks
6	Lime	395	
2	shale	397	7
10	Lime	407	Heltha
6	Shall	413	
//	Sand	424	no Oil
91	Shalit	515	48.
14	sone	529	broken- good Oil Stau
22	Shale	551	reabed
_3_	Lime	554	
17	Shale	571	
6	Lim-e	577	
4	Shale	581	J
4	Lime	585	
8	Shal e	593	
9	Lime	602	
15	Shale	617	
2	Lime	619	
12	Shall	631	
3	Lime	639	
29	Shale	(do 3	
	lime	664	
6	Shal-e	670	
15	sand	685	brokey - mostly solid - good
95	Shale	780	Satura Like

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### Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053 913-837-8400

Ticket Number	
Location	
Foreman	

## Field Ticket & Treatment Report

### Cement

0.7.5	Name & Number Sect		al ristance	
9-1-17 Bres	shears I-1	16 12	21	1
Customer	Mailing Address			
		Chala	Zip Code	
	City	State	Zip Code	
			FIRST N	71
Job Type long 5 time Hole Size 5	Hole Depth 78	Casing Siz	e & Weight_ 🛇	18
Casing Depth 74 Drill Pipe	Tubing	Other		
Displacement PSI_	Mix PSI	Rate		
		1.07		
Remarks	and the second second			
	A Scholyte had			
Account Code Quantity or Units	Description of Service	es or Product	Unit Price	Tot
Account Code Quantity or Units	Description of Servic	es or Product	Unit Price	
Account Code Quantity or Units		es or Product	Unit Price	7
Account Code Quantity or Units	Pump Charge	es or Product	Unit Price	2
	Pump Charge Cement Truck	es or Product	200	2
Account Code Quantity or Units	Pump Charge Cement Truck Water Truck Cement	es or Product	Unit Price	23
	Pump Charge Cement Truck Water Truck Cement Gel	es or Product	200	13
	Pump Charge Cement Truck Water Truck Cement	es or Product	200	13.
	Pump Charge Cement Truck Water Truck Cement Gel	es or Product	200	13.
	Pump Charge Cement Truck Water Truck Cement Gel	es or Product	200	13
/34	Pump Charge Cement Truck Water Truck Cement Gel	es or Product	200	Tot 23 6

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 form.