

Kansas Corporation Commission Oil & Gas Conservation Division

1372817

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:		SecTwpS. R 🗌 East 🗌	West
Address 2:		Feet from North / South Line of S	ection
City: State:	Zip:+	Feet from East / West Line of So	ection
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 SWI		Elevation: Ground: Kelly Bushing:	
☐ Gas ☐ DH ☐ EOF☐ GSV		Total Vertical Depth: Plug Back Total Depth:	
CM (Coal Bed Methane)	V	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 follow		If yes, show depth set:	Feet
Operator:		If Alternate II completion, cement circulated from:	
Well Name:		feet depth to:w/s	x cmt.
Original Comp. Date: Origin			
	to EOR Conv. to SWD	Pulling Florid Management Plan	
	to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)	
Commingled Permit #:	:	Chloride content:ppm Fluid volume:	_ bbls
_	·	Dewatering method used:	
_ '	:	Location of fluid disposal if hauled offsite:	
EOR Permit #:		·	
GSW Permit #:	:	Operator Name:	
		Lease Name: License #:	
Spud Date or Date Reached TD	Completion Date or	Quarter Sec TwpS. R	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 ☐ 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	_		 Y€ Y€	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	"' ^g 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	OSITION 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:	<u> </u>	Packer At:					

Form	ACO1 - Well Completion
Operator	Town Oil Company Inc.
Well Name	ZUMMALLEN Z-3
Doc ID	1372817

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9	8	12	20	Common	3	50/50 POZ
Production	6.750	4.50	9	430	Common	80	50/50 POZ

Lease Owner:Town Oil

WELL LOG

hickness of Strata	Formation	Total Depth
8	Soil-Clay	8
- 4	Shale	12
10	Lime	22
5	Shale	27
5	Lime	32
21	Shale	53
6	Sandy Lime	59
4	Shale	63
2	Lime	65
43	Shale	108
1	Lime	109
1	Slate	110
7	Shale	117
30	Lime	147
67	Shale	214
21	Lime	235
11	Shale	246
3	Lime	249
164	Shale	413
18	Sand	431
11	Shale	442-TD
		9
	100	
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
	Justine - 110	
		4
	in the same	
		
	A CONTRACTOR OF THE CONTRACTOR	
		

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D2x.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

 $BELT LENGTH - 2C + 1.57(D + d) + (D-d)^2$

* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

746 WATTS equal 1 HP

Log Book

Well No.	
Farm_Zummul	en
Konsas (County)
36 28	21
(Section) (Township	(Range)
For TOWN (Well Owner)	II Co

Town Oil Company, Inc.

16205 W. 287th St. Paola, KS 66071 913-294-2125

Luminullen Farm: Crowford County K5 State; Well No. 2-3	CAS	SING AN	D TUBING	MEASU	JREMENTS	
Elevation	Feet	ln.	Feet	ln.	Feet	In.
Commenced Spuding 10-26 20 7	30	7	1/2/2			7.04
Finished Drilling 10 - 23 20 7	33	9	-			
Driller's Name Sign H Karkland .	. 30	4				
1	30	7				
Driller's Name	33		100			
Tool Dresser's Name Denck Holostein	32					
	P/G'					
Tool Dresser's Name	30	5				12
Tool Dresser's Name	33	4				
Contractor's Name Town Oil Co	30	9				
36 28 21	31					
(Section) (Township) (Range)	33	inf				
Distance fromline,ft.	33	3				
Distance from line,ft.	***************************************					
9	413	20	411	2,11		
in the second se			4110	28		
9					ν.	
CASING AND TUBING						
RECORD					****	
HEOOKS						
10" Set 10" Pulled						
10" Set 10" Pulled	5). S					
6%" Set 6%" Pulled						
4" Set 413,2 4" Pulled						
2" Set 2" Pulled						

a1a

Thickness of	Formation	Total	T	
Strata •		Depth	Remarks	= 5
_ රී	Soll & chay	8	No.	
4.	Shalle.	12		
lo.	Lime	22		
5	sindle.	27		24
5	Lime	32	Hartha	
71	shale	53	TETHIA	,,
6	Sparely time	59		**
4.	Stroll	63		
2	Line	(05		
43.	Shale	108		
44	line	109		
7-1	slate.	110		
7	Strate	117		
30	Lime 147			
67	Shale	214		
21	Lime	235		·
11.	Shale	246		
3	Lime	249		
164	Shale	413	<u> </u>	
18	5 mind .	431	Dave 0 ii	
11	Shale	442	Broken good oil show	u f-Bleed
	· ·		T.D.	<u>. </u>
P Y.	Distriction of the contract of	.,		
	7		<u> </u>	
No. 17			<u> </u>	
2 X .	1		7: 0	
25,		-	a a	- 3

-3-

-2-



PRESSURE PUMPING LLC O Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

620-431-92	0 or 800-467-8676	CEME	ENT		Imorce	\$\$\begin{align*} \text{3} & \text{4} & \text
DATE	CUSTOMER#	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
0/31/17	7823 Zun	maller \$ 2.3	NW 36	21	28	CR
USTOMER	un oil co.		7711014			
AILING ADDRE	SS		TRUCK#	DRIVER	TRUCK#	DRIVER
162		2 04	7/2	Fre Mad		
TY	STATE	ZIP CODE	804	Har Bec		
Pagla	KS	End Stanta	204	Mik Haa		
B TYPE LO			TH_ 4/30		1 215	<u> </u>
SING DEPTH	DRILL PI		7650	CASING SIZE & V		·
040938-0 CCR0#	T L 3881 SLURRY	21576/184	1/ek	CEMENT LEFT in	OTHERCASING25	13
SPLACEMENT		EMENT PSI MIX PSI	1/61	RATE 3 BP		7~
MARKS: N			4/2 Coston	95.	G 19	· 5
Esta	The state of the s	the beautiful	1		ledo	
Com	The state of the s	Coment to Surfe	amp 80		hand TA	
/ /	3 BBL wat			lace 4" C	asily clea	264
- to	· o will was	ar. Shu T. X	acity.	*****		
	- War administra	***				
	15/1				9	
Cueta	new Supplied	111/05	····			
203.00	A DUIG	,000,00		ud Wad		
			<i>7</i>	MAY INCOM	Man	
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION	of SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
E0450		PUMP CHARGE	W. W			10175
Easoz		MILEAGE		495	150000	
EOTIL &	" 1/2 Mini mora		Delivery	804	NIC	
-0/11	TE TTO AL JOSE	10% Miles			<u>## 320</u>	
			5/6 To	1 0	1830	61090
			he se	11/6	- 860 1	96990
	751.0					
	Windows Warra Williams		- THE SECURITION SHOWS			
65840 65865	Gn au	Δ Δ				
	80 SK		. A Coment		1080	
:5965	135#	Boutonite C		- ,	40 50	-
			506 7	the	1120 50	
			hes:	47%	- 52664	5 93 56
	the second					
			- Orange -			
			,			
						- 14
3737				7.5%	SALES TAX	4454
p '					ESTIMATED TOTAL	16 08 34
HORIZTION		TITLE		i	DATE	(303459)

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.