KOLAR Document ID: 1423019

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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
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:
□ 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 SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Committed at Provider	Chloride content: ppm Fluid volume: bbls
☐ Commingled     Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
<u> </u>	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II Approved by: Date:

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#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [	East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery,  Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€  Y€	es No						
			Repo		RECORD [	Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform     Does the volum     Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping  Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	HOD OF COMPLETION: PRODUCTION INTERVAL:				
Vented	Sold Use	d on Lease		Open Hole			ually Comp. Commingled  ubmit ACO-5) (Submit ACO-4)			Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (SUDI	nit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Town Oil Company Inc.
Well Name	ZUMMALLEN 7W
Doc ID	1423019

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	6.25	10	20	Portland	3	50/50 POZ
Production	5.875	2.875	8	455	Portland	67	50/50 POZ

6/19/2018

### WELL LOG

Thickness of Strata	Formation	Total Depth
8	Soil-Clay	8
14	Yellow Clay	12
2	Gravel	14
2	Lime	16
12	Sandy Lime	28
16	Shale	44
4	Sandy Lime	48
57	Shale	105
28	Lime	133
3	Slate	136
26	Shale	162
8	Sandy Lime	170
51	Shale	221
4	Lime	225
8	Shale	233
7	Lime	240
20	Shale	260
78	Sandy Shale	338
1	Lime	339
69	Shale & Slate	408
17	Sand	425
37	Shale	462-TD

## Short Cuts

CAP ...

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P

C - Shaft center Dyfunce

D - RPMxd ov SPMxR

d S. MxRxD over RPM

SPW - RPMXD over RxD

R RPMXU over SP D

LT LEN TH 2C + .57(D + d) + (D d)

\*Need t to figure belt e gth.

WATTS - AMPS

TO FICURE AMPS. VOL

746 WATTS qual 1 HP

# Log Book

Well No.

Farm Zummiller

(State) (County)

Sc 28 21 (Section) (Township) (Range)

For Town ON Co

(Well Owner)

Town Oil Company, Inc. 16205 W. 287th St.

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

Zunmulija Farmi Creeford County		CA	SING A	ND TUBING	MEAS	UREMEN	ırs 📏 🕒
State; Well No.	F	eet	ln.	Feet	ln/	Fee	th the
Commenced Souding		31	2		10	14:1	VI- 17
Commenced opening		31	2	/	N	Park	AV.
Finished Drilling 20 18	1 -	21	7	-	1	117	W. W.
Driller's Name OScot Karkhand	3	29	5			1	-
/ Driller's Name		31					
Driller's Name	* *	-31	2				
Tool Dresser's Name Demik Holestein	8 /-	3(	1			4	1 . 1
Tool Dresser's Name		31	2				24
Tool Dresser's Name		31					
Contractor's Name Town Oil Co	3,0	31	3	- T			
, ė		30	9			- 63	Ma.
(Section) (Township) (Range)	. 27	31	2			11	
	78.N	31	16		20		
, Distance from line, ft.	A BY	36.	2	~ '			, °
Distance fromline,ft.		31	4	*			*9
		20	الله ا			•	170
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		7		К,			
CASING AND TUBING						è.	
RECORD		17	- 1.14	and.	50		4 - 5
	H - 24		1	300 E	2	Taby:	
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8" Set8" Pulled			30	. A.T. T.	44		المنظما
6%" Set 20 356% 6%" Pulled		7	45	1. x-	3%	\$ . Sele	
4" Set 4" Pulled	1	3 [8]	100				· 69 -3
2" Set 455,5 2" Pulled	Phil	. 3	· a 3	% > -1-			
2 16 8 Languet		18	· A				
Pin At 7517		\$ P	9 19	E7. 35.1		ad-	of a d

181	Land Wisser	20	
Thickness of Strata	Formation	Total Depth	Remarks
, IR	1 Soll a clay	3	一、此、水、水
1/14"	yellow day.	12	
1 2	growel	14	
, 2	Lime	16	
12	JAINAY line	28	arev hard
the	Shalle	44	0-11-1
4	Sandy lime	48	
_57	# Shabe	165	
28	Lome	133	al show
_ 3	slate	136	
26	Shale	162	
8	Sundy (Inve	170	
51	Shale	221	
4	lome	725	
8	- Shale	233	W-5/Ale
7_	Line_	240	
20	Shale	260	
- 78 -	snndy shale	338	
200	Linie	339	
-69	Shale & st.M-	408	
17	Sand	425	Solid good sheed broder
37-	Shake	1462	T.D.
. 100			
1			
-	77		

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PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 68720
620-431-9210 or 800-467-8676

5m - 11088 10 - 17332 5T- 10976

LOCATION OHOUSE, 54050

FOREMAN Case, Kennedy

# FIELD TICKET & TREATMENT REPORT CEMENT

TIGHT 7823 ZUMMAILEN # 7-W NW 36 28 21 COUSTOMER  TOWN 011 CO TRUCK# DRIVER TRUCK#  MAILLING ADDRESS 16205 W. 287 H.  CITY  STATE ZIP CODE KS GO71  JOB TYPE Ongstring HOLE SIZE 5 4/8" HOLE DEPTH 462' CASING SIZE & WEIGHT 27/8"  CASING DEPTH 455 DRILL PIPE TUBING PIN - 451' OTHER  SLURRY WEIGHT SLURRY VOL WATER GAI/SK CEMENT LEFT IN CASING 4'  DISPLACEMENT 2. 61 645 DISPLACEMENT PSI MIX PSI RATE 4 6 6 7.	DRIVER  DRIVER  DRIVER
TRUCK # DRIVER TRUCK #  MAILING ADDRESS  16205 W. 287 H.  CITY  Park  STATE ZIP CODE  KS (4007)  JOB TYPE TONGSTONG HOLE SIZE 5 7/8" HOLE DEPTH 462' CASING SIZE & WEIGHT 27/8"  CASING DEPTH 455' DRILL PIPE TUBING DIN - 451' OTHER  SLURRY WEIGHT SLURRY VOL WATER GAI/SK CEMENT LEFT IN CASING 4'  DISPLACEMENT 2.61 bbs DISPLACEMENT PSI MIX PSI RATE 4 bbs.	DRIVER
MAILING ADDRESS  16205 W. 287 J.  CITY  Paola  STATE  COPP  STATE  COPP  STATE  COPP  STATE  COPP  STATE  COPP  HOLE DEPTH  467  CASING SIZE & WEIGHT  CASING DEPTH  SLURRY WEIGHT  DISPLACEMENT PSI  MIX PSI  TAGE  SAFOT ALC  SAFOT ALC  CASING SIZE & WEIGHT  A TICHNO  OTHER  RATE  MIX PSI  RATE  SAFOT ALC  COPP  WATER gai/sk  CEMENT LEFT In CASING  Y  RATE  TOTH  RATE  TOTH  RATE  TOTH  RATE  TOTH  TOTH  RATE  TOTH  TO	EVE
16205 W. 287 Jf.  CITY Park  STATE  CIP CODE  CO	EUE
CITY Park  STATE ZIP CODE  (COO7)  JOB TYPE TONGSTONG HOLE SIZE 5 7/8"  HOLE DEPTH 462' CASING SIZE & WEIGHT 27/8"  CASING DEPTH 455' DRILL PIPE TUBING PIN - 451' OTHER  SLURRY WEIGHT SLURRY VOL WATER GAI/SK CEMENT LEFT IN CASING 4'  DISPLACEMENT 2.61 bbs DISPLACEMENT PSI MIX PSI RATE 4 bbs.	
JOB TYPE long tring HOLE SIZE 5 7/8" HOLE DEPTH 462' CASING SIZE & WEIGHT 27/8"  CASING DEPTH 455' DRILL PIPE TUBING DIN - 451' OTHER  SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT In CASING 4'  DISPLACEMENT 2.61 bbs DISPLACEMENT PSI MIX PSI RATE 4 bbs	
JOB TYPE TO MOSTING HOLE SIZE 5 48" HOLE DEPTH 462' CASING SIZE & WEIGHT 248"  CASING DEPTH 455' DRILL PIPE TUBING PIN - 451' OTHER  SLURRY WEIGHT SLURRY VOL WATER GAI/SK CEMENT LEFT IN CASING 4'  DISPLACEMENT 2.61 bbs DISPLACEMENT PSI MIX PSI RATE 4 bbs	
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING 4'  DISPLACEMENT 2.61 bbs DISPLACEMENT PSI MIX PSI RATE 4 box	· · · · · · · · · · · · · · · · · · ·
DISPLACEMENT 2.61 blb DISPLACEMENT PSI MIX PSI RATE 4 bout	· 00 #
	00#
	100 #
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Gel tollowed by 5 bbb trock water, nixed + purified 107 Sts Pozde	ed 14
cement w/ 2% gel por sk, connect to surface, theshed pump dean	, , ,
purped 215" ruber plug to pin wy 2 to 1 blds trash water, pressur	red to
1800 PSI, well held pressure for 30 min MIT, shot in casing.	
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1) 1	
Customer supplied that	<b>)</b>
Customer supplied the O	
ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE	TOTAL
CF0450 / PUMP CHARGE /500.00	
(F0002 60 mi MILEAGE 429.00	
CEO74 1/2 min ton vileage 330.00	
tructs 225%.00	
- 30% 677.70	
Subtotal 15	581.30
CC5840 67 Sts Postblerd 1A cornert 904.50	
CC965 313 # Gel 93.40	
CP8176 1 21/2 "ridder plus 45.00	
materials 1043.40	
-30% 313.02 -30% 313.02	
र जिल्ला प्रकार कर	730.38
7-9/11	
	54.78
Ravin 3737	366.46
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the custo	

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