KOLAR Document ID: 1373147

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:			est
Address 2:		Feet from North / South Line of Sect	tion
City: State:	++	Feet from East / West Line of Sect	tion
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-Entr	y Workover	Field Name:	
	] SWD	Producing Formation:	
Gas DH	] SWB ] EOR	Elevation: Ground: Kelly Bushing:	
	GSW	Total Vertical Depth: Plug Back Total Depth:	
CM (Coal Bed Methane)	_	Amount of Surface Pipe Set and Cemented at: F	eet
	ol., etc.):	Multiple Stage Cementing Collar Used? Yes No	
If Workover/Re-entry: Old Well Info as		If yes, show depth set: F	eet
Operator:		If Alternate II completion, cement circulated from:	
Well Name:		feet depth to:w/sx c	cmt.
Original Comp. Date:			
Deepening Re-perf. Plug Back Liner	Conv. to EOR Conv. to SWD Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)	
□ O		Chloride content:ppm Fluid volume:b	bls
_ •	rmit #:	Dewatering method used:	
	rmit #: rmit #:		
	rmit #:	Location of fluid disposal if hauled offsite:	
	rmit #:	Operator Name:	
33		Lease Name: License #:	
Spud Date or Date Reached	Completion Data co	Quarter Sec TwpS. R	/est
Recompletion Date	d TD Completion Date or 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 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 Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	Triple T Oil, LLC		
Well Name	WOIRHAYE 100A		
Doc ID	1373147		

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9	7	10	21	Common	3	50/50 POZ
Production	5.625	2.875	8	710	Common	120	50/50 POZ

### Town Oilfield Service, Inc. Commenced Spudding: (913) 294-2125

10/27/2017

### WELL LOG

Thickness of Strata	Formation	Total Depth	
0-4	Soil-Clay	4	
21	Sandy Shale	25	
10	Shale	2 35	
5	Lime	40	
51	Shale	91	
8	Lime	99	
9	Shale	108	
35	Lime	143	
11	Shale	154	
14	Lime	168	
6	Shale	174	
2	Lime	176	
4	Shale	180	
5	Lime	185	
3	Shale	188	
4	Lime & Sandy Shale	192	
4	Sandy Shale	196	
27	Shale	223	
15	Sand	238	
30	Sandy Shale	268	
46	Shale	314	
3	Sand	317	
8	Sandy Shale	325	
25	Shale	350	
5	Sandy Lime	355	
15	Shale	370	
9	Lime	379	
111	Shale	380	
2	Lime	382	
25	Sand	407	
6	Sandy Shale	413	
25	Shale	438	
9	Lime	447	
12	Shale	459	
4	Lime	463	
14	Shale	477	
5	Lime	482	
3	Sand	485	
5	Shale	490	
9	Lime	499	

# Town Oilfield Service, Inc. (913) 294-2125

Linn County, KS Well:Woirhaye 100A Lease Owner:Triple T

15	Shale	514
11	Lime	515
3	Shale	518
3	Lime	521
30	Shale	551
7	Sand	558
2	Sandy Shale	560
18	Shale & Gas Sand	578
20	Sand & Sandy Shale	598
7	Sand	605
4	Sand	609
4	Coal	613
1	Shale	614
13	Lime	627
3	Lime	630
7	Shale	637
1	Lime	638
20	Shale	658
9	Sand	667
73	Shale	740-TD
		_
	+	
	1	

## **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:

VOLTS

746 WATTS equal 1 HP

# Log Book

ON IIeW	100 A	
Farm Woir	haye	
(State)		(County)
(Section)	20 (Township)	22 (Range)
For Triple	(Well Owner)	
15-107-	25250	

# Town Oilfield Services, Inc.

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

-1-

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_ 2" Set \_\_\_\_\_ 2" Pulled \_\_\_

Thickness of		IE3CT	
Strata	Formation	Deoth	Remarks
0-4	Soil-clay	4	
21	sandy style	25	
10	Shale	35	
5	Lime	40	
51	Shale	91	
8	Lime	99	
9	Shale	108	
35	Lime	143	
11	Shale	154	
14	Lime	168	
6	Shale	174	
2	Line	176	
4	Shale	180	
5	Lime	1865	Heitha
3	Shale	188	
4	line found 1 sheld	192	
4	sardy shele	196	
27	shele	223	
15	Sand	238	gicy - no Gil
30	sandy Shele	268	
46	Shale	314	
3	Sand	3/7	gicy-no Di
8	sandy shele	325	3.7
25	Shale	350	
5	Sandy Lime	355	
15	shale	370	
9	Line	379	odor - slight show
	:=2=:		2

-2-

		379	
Thickness of Strata	Formation	Total Deorh	Ramarks
1	Shele	380	
2	Lime	382	
25	sand	407	broken - slight St
6	sandy shelp	413	31154 - 31

1 Shale 380 2 Lime 382 25 Sand 407 broken - slight 5/0w 6 Sandy Shale 413 25 Shale 438 9 Lime 447 12 Shale 459 4 Lime 463 14 Shale 477 5 Lime 482 Sandy 3 Sand 485 grey-Ino Oil 9 Lime 499 9 Lime 499 15 Shale 514 1 Lime 515 3 Shale 518 3 Lime 521 3 Shale 518 3 Lime 521 7 Sand 558 broken - odor - no show 2 Sandy Shale 500 18 Shale 578 kmineted - gas adar 20 Sand & Sattle 598 broken - gas adar 20 Sand & Sattle 598 broken - gas adar 4 Sand 605 broken - ok oil show 4 Sand 613 Jolid good Oil Show 4 Sand 614 13 Shale 627	20170		300	1101.3173
25 Squel 407 broken - slight slow  (6 Sandy Shele 413  25 Shele 438  9 Lime 447  12 Shale 459  4 Lime 463  14 Shale 477  5 Lime 482 Sandy  3 Sand 485 grey-Ino Oil  5 Shale 490  9 Lime 499  15 Shale 514  1 Lime 515  3 Shale 518  3 Lime 521  3 Shale 518  3 Lime 521  7 Sand 558 broken - odar - no show  2 Sandy Shele 500  18 Shele 1903 Sand 578 kmineted gas adar  20 Sand & Smile 598 broken - gas adar  20 Sand & Smile 598 broken - odar - very little  4 Sand 605 broken - odar - very little  4 Sand 609 broken - ok oil slow  4 Sand 613 301id good Oil show	/	Shale	380	
25 sand 407 broken - slight slow  6 sandy shele 413  25 shele 438  9 Lime 447  12 shale 459  14 Shale 477  5 Lime 482 sandy  3 sand 485 giry-Ino Oil  9 Lime 499  9 Lime 499  15 shale 514  1 Lime 515  3 shale 518  3 Lime 521  3 shale 518  3 Lime 521  7 sand 558 broken - odor - no show  2 sandy shele 500  18 shale 590 sand 578 kmineted gas ador  20 sand & sustile 598 broken - gas ador  20 sand & sustile 598 broken - odor - viry little  4 sand 605 broken - odor - viry little  4 sand 609 broken - ok oil slow  4 sand 613 30lid good Oil show		Lime	382	
6 sandy shell 415 25 shell 438 9 Lime 447 12 shall 459 4 Lime 463 14 shall 477 5 Lime 482 sandy 3 sand 485 grey-no oil 5 shall 490 9 Lime 499 15 shall 519 1 Lime 515 3 shall 518 3 shall 518 3 shall 518 3 shall 521 7 sand 558 broken - odor - no show 2 sandy shell 560 18 shall 598 broken - gas odor very little 1 7 sand 605 broken - ok oil show 4 sand 613 solid good oil show	25		407	broken - slight ston
9 Lime 447  12 Shale 459  4 Lime 463  14 Shale 477  5 Lime 482 Sandy  3 Sand 485 giry-Ino Oil  5 Shale 490  9 Lime 499  15 Shale 514  1 Lime 515  3 Shale 518  3 Lime 521  7 Sand 558 broken - odor - no show  2 Sandy shele 560  18 Shale \$975 sand 578 kmineted 5as adar  20 Sand & Sully 598 broken gas odor - viry little of 520  20 Sand & Sully 598 broken gas odor - viry little of 520  4 Sand 609 broken - odor - viry little of 520  4 Sand 609 broken - odor - viry little of 5200  4 Sand 609 broken - odor - viry little of 5200  7 Sand 609 broken - odor - viry little of 5200	6	sandy shelf	413	311341 3756
12 Shale 459  4 Lime: 463  14 Shale 477  5 Lime 482 Sandy  3 Sand 485 giey-Ino Oil  5 Shale 490  9 Lime 499  15 Shale 514  1 Lime 515  3 Shale 518  3 Lime 521  7 Sand 558 broken - odor - no show  2 Sandy shile 560  18 Shale \$905 sand 578 kmineted - gas ador  20 Sand & Sury 12 598 broken - gas odor - viry little and show 1 Show  4 Sand 605 broken - odor - very little and 509 broken - odor - very little and 509 broken - odor - very little and 509 broken - odor - very little 509 broken - odor - odor - very little 509 broken - odor - very little 509 broken - odor - odor - very little 509 broken - odor - odor - very little 509 broken - odor - o	25	shele	438	
4 Lime 463  14 Shale 477  5 Lime 485 grey-Ino Oil  5 Shale 490  9 Lime 499  15 Shale 514  1 Lime 515  3 Shale 518  3 Lime 521  7 Sand 558 broken - odor - no show  2 Sandy shale 560  18 Shale \$905 sand 578 km instead 520 odor - viry little 200 or oken - oken oil show  4 Sand 613 301id - good Oil Show	_ 9	Lime	447	
5 Lime 482 Sandy 3 Sand 485 grey-no Oil 5 Shale 490 9 Lime 499 15 Shale 514 1 Lime 515 3 Shale 518 3 Lime 521 7 Sand 558 broken - odor - no show 2 Sandy shale 560 18 Shale \$578 kmineted - 525 ador 20 Sand \$ Sand 578 kmineted - 525 ador 20 Sand \$ Sand 578 kmineted - 525 ador 20 Sand \$ Sand 578 kmineted - 525 ador 20 Sand \$ Sand 578 kmineted - 525 ador 4 Sand 605 broken - ok oil show 4 Sand 613 301id good Oil Show	12		459	
5 Lime 482 Sandy 3 Sand 485 grey-no Oil 5 Shale 490 9 Lime 499 15 Shale 514 1 Lime 515 3 Shale 518 3 Lime 521 7 Sand 558 broken - odor - no show 2 Sandy shale 560 18 Shale 598 broken - gas adar 20 Sand & Sandy 578 kmineted - gas adar 20 Sand & Sandy 578 kmineted - gas adar 20 Sand & Sandy 578 kmineted - gas adar 4 Sand 605 broken - gas adar very little 9 Sand 605 broken - ok oil show 9 Sand 603 30lid good Oil Show		Lime.		
3 5 cnel 485 grey-100 0il 5 5 hale 490 9 Lime 499 15 5hale 514 1 Lime 515 3 5hale 518 3 Lime 521 7 5and 558 broken - adar - no show 2 Sandy shile 560 18 5hale \$9.5 sand 578 kmineted 525 adar 20 Sand & Sand 578 kmineted 525 adar 20 Sand & Sand 578 kmineted 525 adar 20 Sand & Sand 578 kmineted 525 adar 4 Sand 605 broken - adar very little 7 Sand 605 broken - adar very little 9 Sand 603 30lid good 0il Show 9 Sand 613 30lid good 0il Show	14			
5 Shale 490  9 Lime 499  15 Shale 514  1 Lime 515  3 Shale 518  3 Lime 521  30 Shale 558 broken - 200 - no show  2 Sandy shale 560  18 Shale \$905 sand 578 km instead - 525 adar  20 Sand & Sandy shale 598 broken - gas adar - viry little a  7 Sand 605 broken - gas adar - viry little a  4 Sand 605 broken - ok oil show  4 Sand 613 301id - good 0il show	_5	Lime		Sandy
9 Lime 499  15 Shale 514  1 Lime 515  3 Shale 518  3 Lime 521  7 Sand 558 broken - odor - no show  2 Sandy shale 560  18 Shale 303 sand 578 kmineted - gas odor  20 Sand & Sandy 578 kmineted - gas odor  20 Sand & Sandy 598 broken - gas odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - viny little of the sand 605 broken - odor - odor - viny little of the sand 605 broken - odor - odor - viny little of the sand 605 broken - odor - od		Sine		
15 Shale 519  3 Shale 518  3 Lime 521  7 Sand 558 broken - adar - no show  2 Sandy shele 560  18 Shale \$9.5 sand 578 kmineted - 525 adar  20 Sand \$ sandy shele 598 broken - gas adar - viny little a  7 Sand 605 broken - adar - viny little a  4 Sand 609 broken - ok oil show  4 Sand 613 30 lid- good 0il show	_5			
15 Shale 519  3 Shale 518  3 Lime 521  7 Sand 558 broken - adar - no show  2 Sandy shele 560  18 Shale \$9.5 sand 578 kmineted - 525 adar  20 Sand \$ sandy shele 598 broken - gas adar - viny little a  7 Sand 605 broken - adar - viny little a  4 Sand 609 broken - ok oil show  4 Sand 613 30 lid- good 0il show	9	Lime	499	
3 Shale 518 3 Lime 521 30 Shale 551 7 Sand 558 broken - odd - no show 2 Sandy shele 560 18 Shale \$9.5 sand 578 kmineted - gas add 20 Sand & Sulle 598 broken - gas add - very little of sand & Sand & Good broken - odd - very little of sand & Sand & Good broken - ok oil show 4 Sand 613 30 id-good Oil show	_15	Shale	514	
30 Shale 55% broken - odar - no show  2 Sandy shele 560  18 Shale & gas sand 578 kmineted - sas adar  20 Sand & surifie 598 broken - gas odar - viny little  7 Sand 605 broken - odar - very little  4 Sand 609 broken - ok oil show  4 Sand 613 30 id - good 0il show		Lime		
30 Shale 55% broken - odar - no show  2 Sandy shele 560  18 Shale & gas sand 578 kmineted - sas adar  20 Sand & surifie 598 broken - gas odar - viny little  7 Sand 605 broken - odar - very little  4 Sand 609 broken - ok oil show  4 Sand 613 30 id - good 0il show	3			
Jand 558 broken - odar - no show  2 sandy shele 560  18 shale \$ 905 sand 578 km instead - gas adar  20 sand \$ surle 598 broken - gas adar - viry little  7 sand 605 broken - odar - very little  4 sand 609 broken - ok oil show  4 sand 613 30 id - good 0il show	3			
2 Sandy shele 560  18 Shale \$ 9.5 sand 578 km ineted - 525 odar  20 Sand \$ surdy shele 598 broken - gas odar - viry little of 520 Sand \$ surdy little of 520 Sand \$ 605 broken - odar - very little of 520 Broken - ok oil show 520 Sand 613 30 id - good Oil show	30	Shalk	55/	
20 Sand & Shele 598 kmineted - 525 adar 20 Sand & Shele 598 broken - gas adar - viry little of Sand & Good broken - odar - very little of Sand Good broken - ok oil show 5200 Good Oil Show		Sand	558	broken - odor - no show
20 Sand & Sury 1: 598 broken - gas odor - viry little of Sand 605 broken - odor - very little of Sand 609 broken - OK, oil show 4 sand 613 30 id- good Oil show				
20 Sand & Sizele 598 broken ges adar - viny little of Sand 605 broken - ges adar - viny little of Sand 609 broken - ok oil stown 4 Sand 613 30 id-good Oil show		Shale \$ gas sand		lamineted - 525 odor
4 Sand 603 Groken-odor-very little 4 Sand 603 Groken-ok, oil slow 5 sand 613 30 lid-good Oil show	20	Sand & surge	1	
4 sand 613 30/id-good 0:1 show		Syral		broken - odal - very little oil
7 sand 613 30 id- good Oil show		Savel		broken - OK, OIL SLOW
13 (00) 614	4			
15 5 5 7		cogl		
12 marc 1921	/3	Shale	627	

627

Thickness of Strata	Formation	Total Depth	Remarks
Strata 3	lime	630	
7	Shele	637	1
-	Lime	638	
20	Shale	1000	
-		058	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
_9	Sand	601	broken - Heavy Oil - good bleed
_73	Shale	740	TD
-			
		-	

### Town Oilfield Service

PO Box 339 Louisburg, KS 66053 913-294-2125

Ticket#	
Location _	
Foreman	

### Field Ticket & Treatment Report

Date Customer# Well Name & Number Section Township Range County

10-31-17 Wolrhaye 100 P 2 20 22 Library

Customer Mailing Address

City State Zip Code

Job Typelang Shire	te Size 5/8	Hole Dep	oth <u>740</u> Casin	g Size & Weig	ht 2 18
Casing Depth 710	Drill Pipe	Tubing	Other		
Displacement	Displacemen	nt PSf	Mix PSI	Rate	
Remarks	***				
Quantity or Units	Description of Service or Product		e or Product	Unit Price	Total
	Pump Ch	narge			700
	Cement	Truck			250
	Water Tr	uck			0
120	Cement			8	940
	Gel				
	Plug				25
· · · · · · · · · · · · · · · · · · ·			Estimate	d Total:	1935

Authorization	Title	Date 10-31-17