

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Franklin County, KS
Well: Wiseman #15
Lease Owner: TDR

TDR Construction
(913) 710-5400

Commenced Spudding:
10/12/21

WELL LOG

Thickness of Strata	Formation	Total Depth
0-2	Soil-Clay	2
3	Lime	5
45	Sandy Shale	50
131	Shale	181
5	Lime	186
4	Shale	190
16	Lime	206
6	Shale	212
12	Lime	224
5	Shale	229
19	Lime	248
31	Shale	279
22	Lime	301
77	Shale	378
29	Lime	407
5	Shale	412
6	Lime	418
25	Shale	443
3	Lime	446
19	Shale	465
3	Lime	468
12	Shale	480
26	Lime	506
9	Shale	515
23	Lime	538
4	Shale	542
3	Lime	545
3	Shale	548
6	Lime	554
118	Shale	672
15	Sand	687
40	Shale	727
8	Lime	735
18	Shale	753
5	Lime	758
17	Shale	775
3	Lime	778
4	Shale	782
1	Lime	783
9	Shale	792

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals $D^2 \times .14 \times h$

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 - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

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

* Need these to figure belt length

TO FIGURE AMPS: $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

Log Book

Well No. 15

Farm Wiseman

KS Franklin
(State) (County)

30 15 21
(Section) (Township) (Range)

For TDR Construction
(Well Owner)

15-059-27310

Town Oilfield Services, Inc.

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

Thickness of Strata	Formation	Total Depth	Remarks
0-2	Soil-clay	2	
3	Lime	5	
45	sandy shale	50	
131	Shale	181	
5	Lime	186	
4	Shale	190	
16	Lime	206	
6	Shale	212	
12	Lime	224	
5	Shale	229	
19	Lime	248	
31	Shale	279	
22	Lime	301	
77	Shale	378	
29	Lime	407	
5	Shale	412	
6	Lime	418	
25	Shale	443	
3	Lime	446	
19	Shale	465	
3	Lime	468	
12	Shale	480	
26	Lime	506	
9	Shale	515	
23	Lime	538	
4	Shale	542	
3	Lime	545	

545

Thickness of Strata	Formation	Total Depth	Remarks
3	Shale	548	
6	Lime	554	Heather
116	Shale	672	
15	sand	687	grey - no oil
40	Shale	727	
8	Lime	735	
18	Shale	753	
5	Lime	758	
17	Shale	775	
3	Lime	778	
4	Shale	782	
1	Lime	783	
9	Shale	792	
5	Lime	797	
25	Shale	822	
9	Sandy shale	831	
1	sand	832	broken - good oil show
2	sand	834	gas - no oil
3	sandy shale	837	no oil
1	sand	838	broken - good oil show
2	sandy shale	840	no oil
8	sandy	848	broken - good saturation
2	sand	850	solid - good saturation
90	Shale	940	TD



CEMENT TREATMENT REPORT

Customer:	TDR Construction	Well:	Wiseman 16, 14	Ticket:	EP2976
City, State:	Loulsburg, KS	County:	FR, KS	Date:	10/15/2021
Field Rep:	Lance Town	S-T-R:	30-15-21	Service:	longstrings

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	940 ft
Casing Size:	2 7/8 in
Casing Depth:	931 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	baffle
Tool Depth:	899 ft
Displacement:	5.20 bbls

Calculated Slurry - Lead	
Blend:	50/50/2
Weight:	14.25 ppg
Water / Sx:	5.63 gal / sx
Yield:	1.24 ft ³ / sx
Annular Bbls / Ft.:	bbls / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	0 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbls / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
1:30 PM			-	-	on location, held safety meeting
	4.0			-	#15 - established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 120 sxs 50/50/2 Pozmix cement, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to baffle with 5.20 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment
	4.0				#14 - established circulation
	4.0				mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0				mixed and pumped 119 sxs 50/50/2 Pozmix cement, cement to surface
	4.0				flushed pump clean
	1.0				pumped 2 7/8" rubber plug to baffle with 5.16 bbls fresh water
	1.0				pressured to 800 PSI, well held pressure
					released pressure to set float valve
	4.0				washed up equipment
3:30 PM					left location

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	89	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Garrett Scott	239	3.1 bpm	- psi	- bbls
Blk:	Nick Beets	248			
H2O:					