

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: S. Beckmeyer I-58
Lease Owner: TDR

TDR Construction
(913) 710-5400

Commenced Spudding:
10/21/21

15-059-27298-00-00

WELL LOG

Thickness of Strata	Formation	Total Depth
0-33	Soil-Clay	33
5	Lime	38
2	Shale	40
16	Lime	56
7	Shale	63
10	Lime	73
3	Shale	76
1	Lime	77
3	Shale	80
16	Lime	96
47	Shale	143
21	Lime	164
73	Shale	237
22	Lime	259
25	Shale	284
7	Lime	291
20	Shale	311
2	Lime	313
19	Shale	332
2	Lime	334
15	Shale	349
26	Lime	375
5	Shale	380
23	Lime	403
3	Shale	40
5	Lime	411
3	Shale	414
6	Lime	420
119	Shale	539
5	Sand	544
7	Sand	551
42	Shale	593
8	Lime	601
5	Shale	606
4	Lime	610
3	Shale	613
3	Lime	616
26	Shale	642
47	Lime	646
9	Shale	655

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. I-58

Farm South Beckmeyer

KS Franklin
(State) (County)

32 15 21
(Section) (Township) (Range)

For TDR Construction
(Well Owner)

15-059-27298

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-33	Soil-clay	33	
5	Lime	38	
2	Shale	40	
16	Lime	56	
7	Shale	63	
10	Lime	73	
3	Shale	76	
1	Lime	77	
3	Shale	80	
16	Lime	96	
47	Shale	143	
21	Lime	164	
73	Shale	237	
22	Lime	259	
25	Shale	284	
7	Lime	291	
20	Shale	311	
2	Lime	313	
19	Shale	332	
2	Lime	334	
15	Shale	349	
26	Lime	375	
5	Shale	380	
23	Lime	403	
3	Shale	406	
5	Lime	411	
3	Shale	414	

414

Thickness of Strata	Formation	Total Depth	Remarks
6	Lime	420	
119	Shale	539	Herthq
5	sand	544	no oil
7	sand	551	broken - good oil show
42	Shale	593	
8	Lime	601	
5	Shale	606	
4	Lime	610	
3	Shale	613	
3	Lime	616	
26	Shale	642	
4	Lime	646	
9	Shale	655	
10	Lime	665	
13	Shale	678	
1	Lime	679	
12	Shale	691	
1	sandy shale	692	
1	sandy shale	693	odor - no oil show
9	sand	702	solid - good oil show
3	sand	705	broken - not much oil
75	Shale	780	TD



CEMENT TREATMENT REPORT

Customer:	TDR Construction	Well:	South Beckmeyer 71, I-58	Ticket:	EP3074
City, State:	Louisburg, KS	County:	FR, KS	Date:	10/22/2021
Field Rep:	Lance Town	S-T-R:	32-15-21	Service:	longstrings

Downhole Information	
Hole Size:	5 5/8 In
Hole Depth:	800/780 ft
Casing Size:	2 7/8 In
Casing Depth:	776/766 ft
Tubing / Liner:	In
Depth:	ft
Tool / Packer:	baffles
Tool Depth:	744/734 ft
Displacement:	4.31/4.25 bbls

Calculated Slurry - Lead	
Blend:	Econobond
Weight:	13.65 ppg
Water / Sx:	7.12 gal / sx
Yield:	1.56 ft ³ / sx
Annular Bbls / Ft.:	bbs / 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.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE	TOTAL	REMARKS
			BBLs	BBLs	
3:00 PM			-	-	on location, held safety meeting
			-	-	
4.0			-	-	#71 - established circulation
4.0			-	-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0			-	-	mixed and pumped 86 sks Econobond cement, cement to surface
4.0			-	-	flushed pump clean
1.0			-	-	pumped 2 7/8" rubber plug to baffle with 4.31 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			-	-	#I-58 - established circulation
4.0			-	-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0			-	-	mixed and pumped 83 sks Econobond cement, cement to surface
4.0			-	-	flushed pump clean
1.0			-	-	pumped 2 7/8" rubber plug to baffle with 4.25 bbls fresh water
1.0			-	-	pressured to 800 PSI, well held pressure
			-	-	released pressure to set float valve
4.0			-	-	washed up equipment
			-	-	
5:00 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
Bulk:	Nick Beets	240			
H2O:					