

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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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 / Sk:	7.12 gal / sk
Yield:	1.56 ft ³ / sk
Annular Bbls / Ft.:	bbls / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	0 sk

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

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			-	-	#1-50 - 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:	Cascy Kennedy	89	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Garrett Scott	239	3.1 bpm	- psi	- bbls
Bulk:	Hick Dests	250			
H2O:					

Franklin County, KS
 Well: S. Beckmeyer 71
 Lease Owner: TDR

TDR Constuction
 (913) 710-5400

Commenced Spudding:
 10/20/21

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
11	Lime	74
5	Shale	79
18	Lime	97
45	Shale	142
21	Lime	163
73	Shale	236
22	Lime	258
25	Shale	283
7	Lime	290
22	Shale	312
2	Lime	314
19	Shale	333
1	Lime	334
15	Shale	349
24	Lime	373
7	Shale	380
22	Lime	402
4	Shale	406
4	Lime	410
3	Shale	413
6	Lime	419
120	Shale	539
3	Sand	542
7	Sand	549
4	Sandy Shale	553
39	Shale	592
7	Lime	599
4	Shale	603
7	Lime	610
2	Shale	612
2	Lime	614
26	Shale	640
4	Lime	644
11	Shale	655
9	Lime	664

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times 14xh$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals $BPH \times PSI \times .0004$

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. 71

Farm South Beckmeyer

KS
(State)

Franklin
(County)

32
(Section)

15
(Township)

21
(Range)

For TDR Construction
(Well Owner)

15-059-27301

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

South
 Backmeyer Farm: Franklin County
 KS State: Well No. 71

Elevation 1014

Commenced Spudding 10-20 20 21

Finished Drilling 10-22 20 21

Driller's Name Wesley Dollard

Driller's Name Ryan Ward

Driller's Name _____

Tool Dresser's Name _____

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name TDR

32 15 21

(Section) (Township) (Range)
 Distance from S line, 825 ft.
 Distance from E line, 825 ft.

4 sacks
 9 hrs
 5 5/8 borehole
 2 7/8 casing

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 6 1/2" Set 20 6 1/2" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
744		13 1/2			
776		Float		2 7/8	
800		TD			

Thickness of Strata	Formation	Total Depth	Remarks
0-33	Soil-clay	33	
5	Lime	38	
2	Shale	40	
16	Lime	56	
7	Shale	63	
11	Lime	74	
5	Shale	79	
18	Lime	97	
45	Shale	142	
21	Lime	163	
73	Shale	236	
22	Lime	258	
25	Shale	283	
7	Lime	290	
22	Shale	312	
2	Lime	314	
19	Shale	333	
1	Lime	334	
15	Shale	349	
24	Lime	373	
7	Shale	380	
22	Lime	402	
4	Shale	406	
4	Lime	410	
3	Shale	413	
6	Lime	419	Hertha
120	Shale	539	

539

Thickness of Strata	Formation	Total Depth	Remarks
3	sand	542	
7	sand	549	no oil
4	sandy shale	553	broken - good oil show
39	shale	592	
7	lime	599	
4	shale	603	
7	lime	610	
2	shale	612	
2	lime	614	
26	shale	640	
4	lime	644	
11	shale	655	
9	lime	664	
12	shale	676	
2	lime	678	
14	shale	692	
2	sandy shale	694	
3	sand	697	broken - good oil show
5	sand	702	solid - good saturation
1	limy sand	703	no oil
2	sandy shale	705	broken - not much oil
95	shale	800	TD