

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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Miami County, KS
Well: Reynolds 32
Lease Owner: CHC III Paola Energy, LLC

TDR Construction, Inc.
(913) 710-5400

Commenced Spudding:
11/08/23

WELL LOG

Thickness of Strata	Formation	Total Depth
0-7	Soil	7
1	Lime	8
5	Soil/Clay	13
12	Lime	25
9	Shale	34
21	Lime	55
23	Shale, Red Bed	78
18	Lime	96
8	Shale	104
4	Sand, Grey, No Oil Show	108
7	Shale	115
21	Sand, Grey, No Oil Show	136
56	Shale	192
19	Lime	211
7	Shale	218
6	Sand, Grey, No Oil Show	224
3	Lime	227
5	Shale	232
10	Lime	242
36	Shale	278
14	Lime	292
15	Shale	307
11	Lime	318
2	Shale	320
13	Lime	333
8	Shale	341
23	Lime	364
4	Shale	368
5	Lime	373
2	Shale	375
6	Lime	381
22	Shale	403
6	Sandy Shale	409
10	Sand, Grey, Slight Odor	419
24	Sandy Shale	443
44	Shale	487
9	Sand, Light Grey	496
25	Shale	521
6	Lime	527
6	Shale	533
14	Lime	547

Log Book

Well No. 32

Farm Reynolds

KS Miami
(State) (County)

5 17 22
(Section) (Township) (Range)

For CMC III Peola Energy, LLC
(Well Owner)

**Town Oilfield
Services, Inc.**
1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Reynolds Farm: Miami County
 FS State: Well No. 32
 Elevation 1079 ft.
 Commenced Spudding Nov. 8 2023
 Finished Drilling Nov. 9 2023
 Driller's Name Ryan Ward
 Driller's Name _____
 Driller's Name _____
 Tool Dresser's Name Naethan Seaman
 Tool Dresser's Name _____
 Tool Dresser's Name _____
 Contractor's Name TDR Construction, Inc
S 17 22

(Section) _____ (Township) _____ (Range) _____
 Distance from S line. 3288 ft.
 Distance from E line. 4089 ft.
3 sacks cement
5-5/8" Bore hole
10 hrs.

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7" ~~6"~~ Set 21' 6 1/4" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.
<u>721.6</u>	<u>Baffle</u>		
<u>754.2</u>	<u>Float</u>		
<u>780 TD</u>			
<u>2-7/8"</u>	<u>Casing</u>		

Thickness of Strata	Formation	Total Depth	Remarks
0-7	Soil	7	
1	Lime	8	
5	Soil/Clay	13	
12	Lime	25	
9	Shale	34	
21	Lime	55	
23	Shale	78	Red bed
18	Lime	96	
8	Shale	104	
4	Sand	108	Grey. No oil show
7	Shale	115	
21	Sand	136	Grey. No oil show
56	Shale	192	
19	Lime	211	
7	Shale	218	
6	Sand	224	Grey, No oil show
3	Lime	227	
5	Shale	232	
10	Lime	242	
36	Shale	278	
14	Lime	292	
15	Shale	307	
11	Lime	318	
2	Shale	320	
13	Lime	333	
8	Shale	341	
23	Lime	364	

Thickness of Strata	Formation	Total Depth	Remarks
	Lime	364	
4	Shale	368	
5	Lime	373	
2	Shale	375	
6	Lime	381	
22	Shale	403	
6	Sandy Shale	409	
10	Sand	419	Grey. Slight over
24	Sandy Shale	443	
44	Shale	487	
9	Sand	496	Light Grey
25	Shale	521	
6	Lime	527	
6	Shale	533	
14	Lime	547	
8	Shale	555	
4	Lime	559	
37	Shale	596	
9	Lime	605	
12	Shale	617	
5	Lime	622	
14	Shale	636	
3	Lime	639	
15	Shale	654	
7	Lime	661	
4	Shale	665	
2	Lime	667	
8	Shale	675	

Shale

675

Thickness of Strata	Formation	Total Depth	Remarks
1	Sand	676	Broken. Some oil show
3	Sand	679	50% Solid. Good oil show
6	Sand	685	Mostly Solid. Good oil show
4	Sand	689	50% Solid. OK oil show
4	Sand	693	Broken. Little oil show
18	Sandy Shale	711	
69	Shale	780	TD



CEMENT TREATMENT REPORT

Customer: CHC III Paola Energy, LLC	Well: Reynolds 32, 33	Ticket: EP11349
City, State: Overland Park, KS	County: MI, KS	Date: 11/10/2023
Field Rep: Brandon Hash	S-T-R: 5-17-22	Service: Longstrings

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Econobond 1# PS	Blend:	
Hole Depth:	780/780 ft	Weight:	13.54 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	7.14 gal / sk	Water / Sx:	gal / sk
Casing Depth:	754/785 ft	Yield:	1.57 ft ³ / sk	Yield:	ft ³ / sk
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	affle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	721/752 ft	Excess:		Excess:	
Displacement:	4.18/4.36 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	0 sks	Total Sacks:	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
6:30 PM			-	-	on location, held safety meeting
					#32
4.0					established circulation
4.0					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0					mixed and pumped 76 sks Econobond cement w/ 1# PS per sk, cement to surface
4.0					flushed pump clean
1.0					pumped 2 7/8" rubber plug to baffle w/ 4.18 bbls fresh water
1.0					pressured to 800 PSI, well held pressure
					released pressure to set float valve, float held
4.0					washed up equipment
					#33
4.0					established circulation
4.0					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0					mixed and pumped 82 sks Econobond cement w/ 1# PS per sk, cement to surface
4.0					flushed pump clean
1.0					pumped 2 7/8" rubber plug to baffle w/ 4.36 bbls fresh water
1.0					pressured to 800 PSI, well held pressure
					released pressure to set float valve, float held
4.0					washed up equipment
8:00 PM					left location

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Devin Katzer	239	3.1 bpm	- psi	- bbls
Bulk:	Colton Browne	248			
H2O:	Wes Callahan	110			