

Confidentiality Requested:

☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed
Form must be Signed
All blanks must be FilledWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8914
 Name: H & C Oil Operating Inc.
 Address 1: PO BOX 86
 Address 2: _____
 City: PLAINVILLE State: KS Zip: 67663 + 0086 _____
 Contact Person: Bob Plante
 Phone: (785) 434-7434
 CONTRACTOR: License # 8914
 Name: H & C Oil Operating Inc.
 Wellsite Geologist: Marc Downing
 Purchaser: MV Purchasing

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: H&C Oil Operating, IncWell Name: Keith-Ficken 17-2Original Comp. Date: 06/05/2013 Original Total Depth: 4105

☐ 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 #: E-34,009
☐ GSW Permit #: _____

04/14/2025 04/14/2025
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-065-23923-00-02

Spot Description: _____

E2 - W2 - NW-SW Sec. 17 Twp. 9 S. R. 24 ☐ East ☒ West
1980 Feet from ☐ North / ☒ South Line of Section
520 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☒ SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84County: GrahamLease Name: KEITH-FICKEN Well #: 17-2

Field Name: _____

Producing Formation: Lansing-Kansas CityElevation: Ground: 2502 Kelly Bushing: 2507Total Vertical Depth: 4105 Plug Back Total Depth: 4079Amount of Surface Pipe Set and Cemented at: 224 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 4105feet depth to: 0 w/ 570 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 33000 ppm Fluid volume: 70 bblsDewatering method used: Evaporated

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 DistributionALT ☐ I ☒ II ☐ III Approved by: Kelsey Cox Date: 04/23/2025

Operator Name: H & C Oil Operating Inc. Lease Name: KEITH-FICKEN Well #: 17-2
 Sec. 17 Twp. 9 S. R. 24 ☐ East ☒ West County: Graham

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 (Attach Additional Sheets)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Top Anhydrite	2173	+334
Electric Log Run	☒ Yes ☐ No	Base Anhydrite	2207	+300
Geologist Report / Mud Logs	☒ Yes ☐ No	Topeka	3586	-1079
List All E. Logs Run:		Heebner	3802	-1295
Microresistivity		Toronto	3826	-1319
Dual Comp. Porosity		LKC	3842	-1335
Dual Induction		BKC	4063	-1556

CASING RECORD ☒ New ☐ 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
Surface	12.25	8.625	23	224	common	150	3%CC & 2% Gel
Production	7.875	5.5	14	4102	common	150	10%salt & 5% gilsonite
Production	7.875	5.5	14	4102	QMDC	420	1/4# floreal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ Plug Off Zone	-			

- Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No (If No, skip questions 2 and 3)
- Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 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: <u>10/20/2021</u>	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☒ Other (Explain) <u>Injecting</u>				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4)	PRODUCTION INTERVAL: Top <u>3873</u> Bottom <u>4040</u>
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)
Attached	Attached	Attached	Attached	Attached	Attached
TUBING RECORD: Size: <u>2.375</u> Set At: <u>3869</u> Packer At: <u>3852</u>					

Form	ACO1 - Well Completion
Operator	H & C Oil Operating Inc.
Well Name	KEITH-FICKEN 17-2
Doc ID	1840143

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4034	4040			750 Gals 15%
4	4016	4023			
4	3998	4002			3000 Gals 20%
4	3975	3978			
4	3885	3888			2000 Gals 15% & 20%
4	3873	3878			

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	224	common	150	3%CC & 2% Gel
Production	7.875	5.5	14	4102	common	150	10%salt & 5% gilsonite
Production	7.875	5.5	14	4102	QMDC	420	1/4# floseal