

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 Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30717

Name: Downing-Nelson Oil Co Inc

Address 1: PO BOX 1019

Address 2:

City: HAYS State: KS Zip: 67601 + 1019

Contact Person: Alan Downing

Phone: (785) 621-2610

CONTRACTOR: License # 5929

Name: Duke Drilling Co., Inc.

Wellsite Geologist: Marc Downin

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 #:

04/24/2022

05/04/2022

07/07/2022

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No.: 15-153-21282-00-00

Spot Description:

NW-NE-SW-SW Sec. 17 Twp. 5 S. R. 36 ☐ East ☒ West1182 Feet from ☐ North / ☒ South Line of Section667 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☒ SW

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Rawlins

Lease Name: KRAMER B UNIT Well #: 1-17

Field Name: Charlene

Producing Formation: Cherokee Lime

Elevation: Ground: 3314 Kelly Bushing: 3325

Total Vertical Depth: 4910 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 480 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: 8000 ppm Fluid volume: 400 bbls

Dewatering 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: 07/14/2022

☐ Confidential Release Date: 07/13/2024☒ Wireline Log Received ☒ Drill Stem Tests Received☒ Geologist Report / Mud Logs Received☐ UIC DistributionALT ☒ I ☐ II ☐ III Approved by: David Befort Date: 08/07/2023

Operator Name: Downing-Nelson Oil Co Inc Lease Name: KRAMER B UNIT Well #: 1-17
Sec. 17 Twp. 5 S. R. 36 ☐ East ☒ West County: Rawlins

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 ☒ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No

Geologist Report / Mud Logs ☒ Yes ☐ No

List All E. Logs Run:

Micro
Dual Induction
Compensated Density Neutron

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name
Attached

Top
Attached

Datum
Attached

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	24	480	Class A	350	-
Production	7.875	5.5	14	4909	H Long	200	-

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	-			

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: <u>07/13/2022</u>	Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☐ Open Hole ☒ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4)	Top Bottom
		4668 4674

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)
4	4668	4674			500 gallons 15% Mud, 500 gallons 15% NE
					1500 gallons 20% NE
TUBING RECORD: Size: <u>2.3750</u> Set At: <u>4845</u> Packer At:					

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	KRAMER B UNIT 1-17
Doc ID	1724607

Tops

Name	Top	Datum
Top Anhydrite	3032'	+293
Base Anhydrite	3068'	+257
Foraker	3712'	-387
Topeka	3994'	-669
Heebner	4158'	-833
LKC	4210'	-885
Stark	4409'	-1084
BKC	4465'	-1140
Marmaton	4474'	-1149
Pawnee	4588'	-1263
Cherokee Shale	4664'	-1339
Morrow	4812'	-1487
Mississippi	4859'	-1534

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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	24	480	Class A	350	-
Production	7.875	5.5	14	4909	H Long	200	-

Summary of Changes

Lease Name and Number: KRAMER B UNIT 1-17

API/Permit #: 15-153-21282-00-00

New Doc ID: 1724607

Parent Doc ID: 1650329

Correction Number: 1

Approved By: David Befort

Field Name	Previous Value	New Value
Approved Date	07/15/2022	08/07/2023
Total Depth	4850	4910