KOLAR Document ID: 1809232

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 # 33139
Name: Natural Gas Pipeline Company of America LLC
Address 1: 195 RD P
Address 2:
City: RICHFIELD State: KS Zip: 67953 + __ __ __ __
Contact Person: Nikki Sims
Phone: (970) 897-3271
CONTRACTOR: License # 35834
Name: Citation Drilling & Boring, LLC
Wellsite Geologist: N/A
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 #:

10/18/2024	10/19/2024	10/19/2024
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-201-20057-00-00
Spot Description:
NE - NW - NW - NE Sec. 19 Twp. 2 S. R. 2 ☑ East ☐ West
78 Feet from ☑ North / ☐ South Line of Section
2226 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: Washington
Lease Name: AMA 425-A B4 NGPL Well #: 4
Field Name:
Producing Formation: N/A
Elevation: Ground: 1364 Kelly Bushing: 0
Total Vertical Depth: 250 Plug Back Total Depth: 100
Amount of Surface Pipe Set and Cemented at: 20 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:** Kelsey Cox **Date:** 01/07/2025

Operator Name: Natural Gas Pipeline Company of America LLC Lease Name: AMA 425-A B4 NGPL Well #: 4

Sec. 19 Twp. 2 S. R. 2 ☑ East ☐ West County: Washington

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
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:

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

Name	Top	Datum
N/A	N/A	N/A

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	14	10.75	9.1	20	Bentonite	15	N/A

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:	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

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)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Natural Gas Pipeline Company of America LLC
Well Name	AMA 425-A B4 NGPL 4
Doc ID	1809232

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	14	10.75	9.1	20	Bentonite	15	N/A

CITATION DRILLING & BORING

DEEP GROUNDBED DRILL LOG & RECTIFIER FORM

CLIENT INFORMATION

Client	Kinder Morgan					Job Number	2024-0309
Facility	AMA 425A DW-4					Customer Contact	Kevin Brown
City	Haddam	County	WASHINGTON	State	Ks	Phone No.	+1 (308) 325-3563

DEEP GROUNDBED & DRILLING LOG INFORMATION

☑ New Installation ☐ Existing Rectifier

Hole Dia.	10"	Total Depth	250'	Casing Feet	20'	Dia.	10"	Type	SDR-21 PVC	Groundbed GPS	
No. Anodes	13	Size & Type	2660 cast iron	Anode Lead	275'	Size	#8	Type	Halar	N	39.871683
Lbs. Coke	5000	Coke Type	SC-3	Top of Coke Column		95'		Vent	140'	W	-97.245482
Lbs. Plug	3000	Plug Type	Bentonite	Top of Plug	3'			Logging Volts		12.9	

Depth Ft.	DRILLER'S LOG	Anode NO.	Electric Log				Depth Ft.	DRILLER'S LOG	Anode NO.	Electric Log			
			Volts	Amps Before	Amps After	Remarks				Volts	Amps Before	Amps After	Remarks
0							205		5			7.6	
5							210	Sand stone			1.3		
10	Casing						215		4			6.2	
15							220	Rock			1.2		
20	Casing						225		3			7.4	
25							230	Rock			1.1		
30	Sand			1.1			235		2			7.0	
35							240	Rock			1.4		
40	Red clay			1.4			245		1			5.8	
45							250	Rock			1.5		
50	Red clay			1.9			255						
55							260						
60	Red clay			1.3			265						
65							270						
70	Red clay			1.6			275						
75							280						
80	Red clay			1.5			285						
85							290						
90	Red clay			1.1			295						
95							300						
100	Red clay			1.7			305						
105							310						
110	Red clay			1.5			315						
115							320						
120	Red clay			1.6			325						
125		13			8.0		330						
130	Red clay			1.6			335						
135		12			7.8		340						
140	Red clay			1.6			345						
145		11			8.0		350						
150	Red clay			1.9			355						
155		10			8.8		360						
160	Red clay			2.0			365						
165		9			9.0		370						
170	Sand stone			1.8			375						
175		8			8.1		380						
180	Sand stone			1.9			385						
185		7			8.0		390						
190	Rock			1.9			395						
195		6			8.2		400						
200	Sand stone			1.6					Total				

ANODE JUNCTION BOX INFORMATION

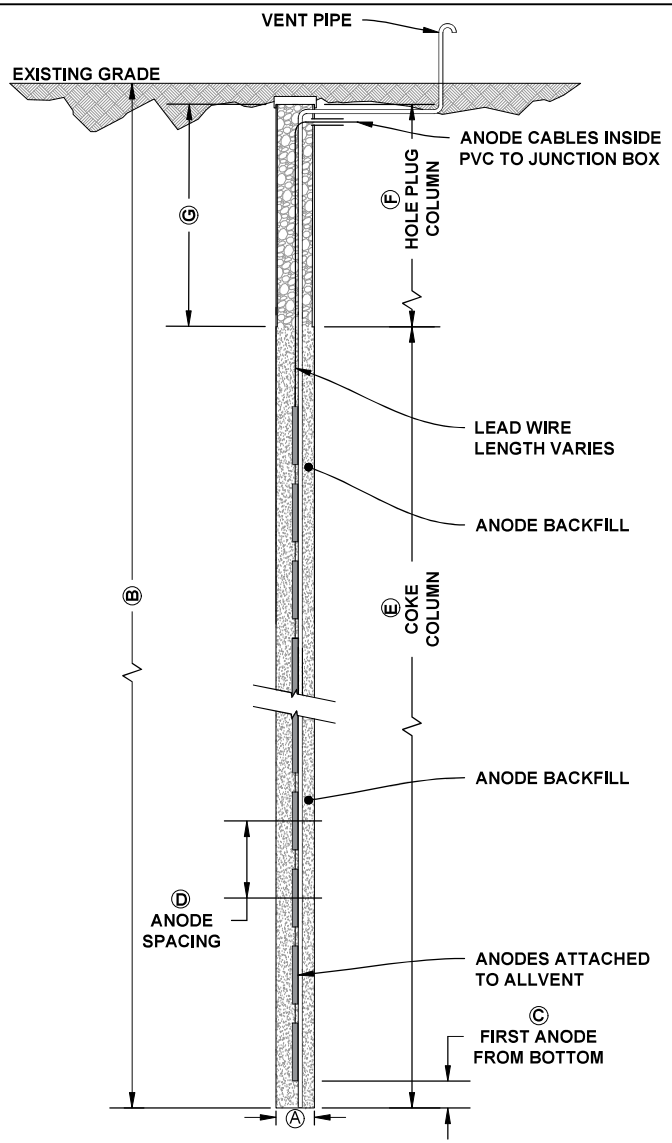
ANODE JUNCTION BOX												COMMENTS
Cir.	Amp	Cir.	Amp	Cir.	Amp	Cir.	Amp	Cir.	Amp	Cir.	Amp	
1		6		11		16		21		26		
2		7		12		17		22		27		
3		8		13		18		23		28		
4		9		14		19		24		29		
5		10		15		20		25		30		
Shunt		Mv		Amp						TOTAL		

BILL OF MATERIALS

ITEM	DESCRIPTION	QTY.	UNITS
1	ANODES, SET OF 13, 2660 CAST IRON, 10' CENTERS AT 250', #8 HALAR	1	EACH
2	SC-3 COKE BREEZE	100	50 LB BAGS
3	BENTONITE PLUG	60	50 LB BAGS

DIMENSIONS

CALLOUT	ITEM	DIMENSIONS	UNITS
Ⓐ	HOLE DIAMETER	10	IN
Ⓑ	HOLE DEPTH	250	FT
Ⓒ	FIRST ANODE FROM BOTTOM	5	FT
Ⓓ	ANODE SPACING	10	FT CTC
Ⓔ	ANODE BACKFILL COLUMN	155	FT
Ⓕ	HOLE PLUG COLUMN	95	FT
Ⓖ	CASING LENGTH	20	FT



TYPICAL DEEPWELL

REVISIONS

No.	Description	Drawn By:	Date	Chk'd By:	Date

DEEP GROUNDBED LEGEND

⬡	DEEP GROUNDBED	(+)	POSITIVE CABLE
AJB	ANODE JBOX	(-)	NEGATIVE CABLE
▲	NEG. CONNECTION		PIPELINE ASSETS
R	RECTIFIER		

Drawn By: J. GREENFIELD — Date: 2024

Checked By: R. McCLAIN — Date: 2024

MERIDIAN PIPELINE SERVICES

CATHODIC PROTECTION LAYOUT
AMA 425A - DW4
DEEP GROUNDBED INSTALLATION

WASHINGTON — KS

Project No. 2024-0309 | Sheet No. 5 of 5 | Revision: 0