KOLAR Document ID: 1534645

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: Norm Rogers
Phone: (620) 592-1427
CONTRACTOR: License # 35507
Name: ICORR Technologies, Inc.
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 #:

10/22/2020	10/23/2020	10/24/2020
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-145-21859-00-00
Spot Description: CPS AMA 208
SE - SW - SE - SE Sec. 21 Twp. 21 S. R. 17 ☐ East ☑ West
50 Feet from ☐ North / ☑ South Line of Section
753 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: Pawnee
Lease Name: CPS AMA 208 Well #: 2
Field Name:
Producing Formation: n/a
Elevation: Ground: 2057 Kelly Bushing: 0
Total Vertical Depth: 200 Plug Back Total Depth:
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:** Karen Ritter **Date:** 12/08/2020

Operator Name: Natural Gas Pipeline Company of America LLC Lease Name: CPS AMA 208 Well #: 2

Sec. 21 Twp. 21 S. R. 17 ☐ East ☑ West County: Pawnee

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:

☐ 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	16	10.750	7.5	20	Bentonite	36	0

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	CPS AMA 208 2
Doc ID	1534645

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	16	10.750	7.5	20	Bentonite	36	0

00-023ICORR Technologies, Inc.
810 West Hardscrabble Road
Morgan, UT 84050
p.801.821.6199
f.801.516.0755
YOUR ASSET INTEGRITY PARTNERS

00-021
CORROSION
SPECIALISTS

DATE:	10/20/2020	DRILLER:	Associated Drilling	GPS:	38.203383 -99.189667
COMPANY:	Kinder Morgan	BIT SIZE:	9 7/8"	ANODE TYPE:	LIDA MMO
LOCATION:	AMA 208E-2	CASING SIZE/TYPE:	10" SCH 40 PVC	ANODE AMOUNT:	11
LEGALS:		CASING DEPTH:	20'	LBS BACKFILL	4800
COUNTY:	Pawnee	SOLID VENT:	80'	TYPE OF BACKFILL:	Loresco SC-3
STATE:	Kansas	SLOTED VENT:	140'		

DEPTH	DRILLER'S LOG	AMPS	DEPTH	DRILLER'S LOG	AMPS
20	Tan Clay		285		
25			290		
30			295		
35			300		
40			305		
45			310		
50	Tan Sandy Clay		315		
55			320		
60	Gray Clay		325		
65			330		
70			335		
75	Reddish Tan Clay		340		
80			345		
85			350		
90			355		
95			360		
100	Gray Shale		365		
105			370		
110			375		
115			380		
120			385		
125	Red Shale		390		
130	Gray Shale		395		
135			400		
140	Sand Stone		405		
145			410		
150	Gray Shale		415		
155			420		
160			425		
165			430		
170			435		
175			440		
180			445		
185			450		
190			455		
195			460		
200	TD		465		
205			470		
210			475		
215			480		
220			485		
225			490		
230			495		
235			500		
240			505		
245			510		
250			515		
255			520		
260			525		
265			530		
270			535		
275			540		
280			545		

ANODE #	DEPTH	NO COKE	COKE
1	190		2.9
2	180		4.8
3	170		6.4
4	160		7.8
5	150		4.6
6	140		3.7
7	130		3.9
8	120		5.8
9	110		8.5
10	100		8.3
11	90		9.8
12			
13			
14			
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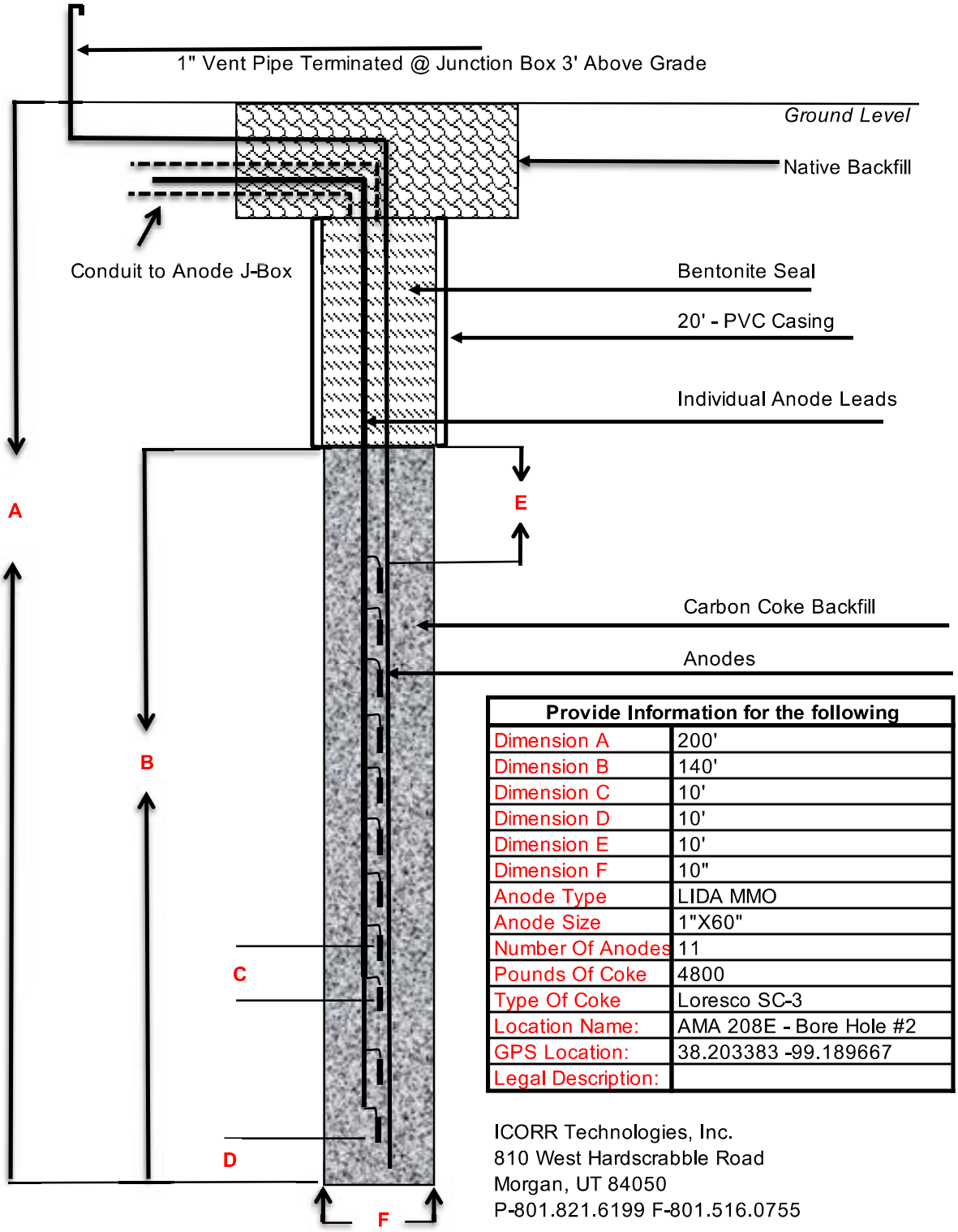
28			
29			
30			

WATER DEPTH:	
LOGING VOLTS:	13.5
TOTAL AMPS:	24.9
GB RESISTANCE:	0.542168675

ICORR Technologies Inc.
As-Built Deep Anode Bed for Cathodic Protection



Provide Information for the following	
Dimension A	200'
Dimension B	140'
Dimension C	10'
Dimension D	10'
Dimension E	10'
Dimension F	10"
Anode Type	LIDA MMO
Anode Size	1"X60"
Number Of Anodes	11
Pounds Of Coke	4800
Type Of Coke	Loresco SC-3
Location Name:	AMA 208E - Bore Hole #2
GPS Location:	38.203383 -99.189667
Legal Description:	

ICORR Technologies, Inc.
810 West Hardscrabble Road
Morgan, UT 84050
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