KOLAR Document ID: 1403126

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
•	If Alternate II completion, cement circulated from:
Operator:	•
Well Name:	feet depth to: sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
Recompletion Date Recompletion Date	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 Approved by: Date:

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### Page Two

Operator Name:					Lease Na	ame: _			Well #:	
SecTwp	oS.	R	East	West	County: _					
open and closed, and flow rates if g	flowing and s gas to surface y Log, Final L	hut-in pressu test, along wi ogs run to ob	res, whe ith final c tain Geo	ther shut-in prechart(s). Attach	essure reache extra sheet i and Final Elec	ed stati if more ctric Lo	c level, hydrosta space is neede	tic pressures, d.		val tested, time tool rature, fluid recovery,  Digital electronic log
Drill Stem Tests To			Y	es No		L	og Formatio	on (Top), Dept	th and Datum	Sample
Samples Sent to	,	ırvey	Y	es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs Ri	_		Y	es No es No es No						
			David		RECORD	☐ Ne				
	Qi	ize Hole	-	ze Casing	Weight		ermediate, product	Type of	# Sacks	Type and Percent
Purpose of Str		Drilled		t (In O.D.)	Lbs. / F		Depth	Cement	Used	Additives
	'			ADDITIONAL	. CEMENTING	3 / SQL	JEEZE RECORD	'	'	
Purpose:		Depth p Bottom	Туре	of Cement	# Sacks U	sed		Туре а	and Percent Additives	
Perforate Protect Cas Plug Back	sing	p Bottom								
Plug Off Zo										
Did you perform     Does the volume     Was the hydraulic	of the total bas	e fluid of the hy	draulic fra	acturing treatmen		•		No (If No	o, skip questions 2 and o, skip question 3) o, fill out Page Three o	
Date of first Produc	ction/Injection or	Resumed Prod	duction/	Producing Meth			0.1%	NI (5 ( ) )		
,				Flowing	Pumping			other (Explain) _		
Estimated Product Per 24 Hours	tion	Oil Bl	bls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPO	SITION OF GA	S:		N	METHOD OF C	OMPLE	ETION:		PRODUCTIO	
Vented	Sold Us	ed on Lease		Open Hole	Perf.	_ ,		nmingled	Тор	Bottom
(If vented	d, Submit ACO-1	8.)				(Submit	ACO-5) (SUD	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforati Botton		Bridge Plug Type	Bridge Plug Set At		Acid,		, Cementing Squeeze Kind of Material Used)	Record
TUBING RECORD	): Size:	:	Set At:		Packer At:					

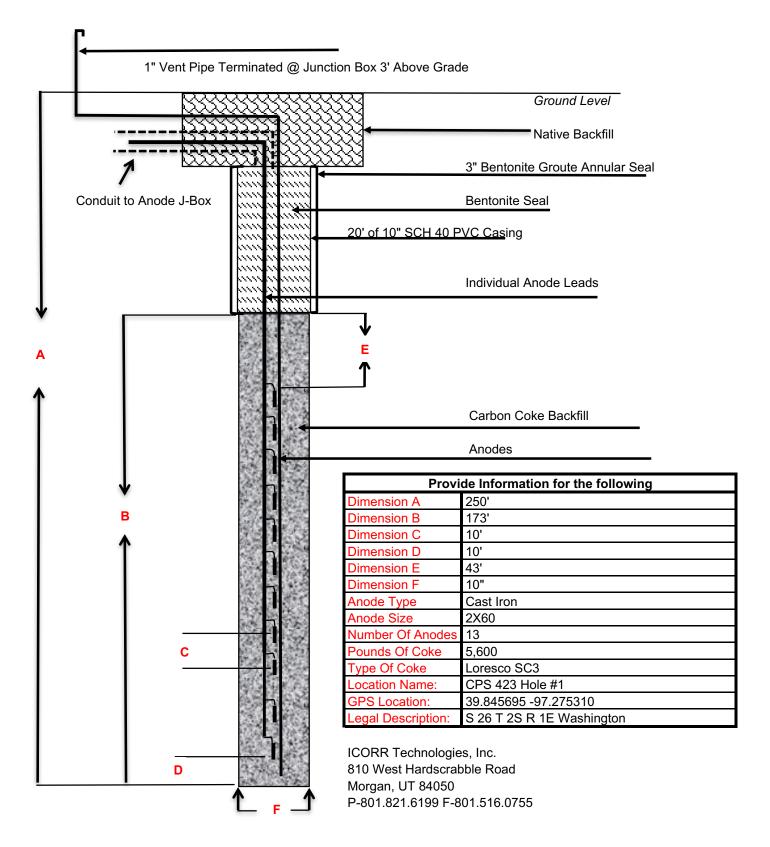
Form	ACO1 - Well Completion
Operator	Colorado Interstate Gas Co., LLC
Well Name	NGPL AMA 423 LINES 2,3,4 1
Doc ID	1403126

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	16	10	8.782	20	Betonite	35	none

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





# **ICORR TECHNOLOGIES BOREHOLE INFORMATION**

	-							
PROJECT NUMBER	AMA 423	23	PROJECT LEAD DRILLER	AD DRILLER	RIG#	HOLE#	BIT TYPE(S)	START DATE
PROJECT LOCATION	Haddam Kansas	ansas	matt franek	ranek	1101	1	palmer	11/2/17
GENERAL CONTRACTOR	ICORR	2			TOTAL # OF HOLES TO DATE	LES TO DATE		COM DATE
								11/2/17
GEOLOGIC LOG	DEPTH	TYPE	GRAIN SIZE	COLOR	WATER Y/N	ADDITIVES	РН	MUD WT
	0-20	top soil		brn				
	20- 25	frac limestone		grey				
	25-250	clay		brn/tan				
ELEVATION (METERS)	453.9							
GPS COORDINATES (UTM)			Z.	39.84587	m.	-97.27528		
HOLE DIAMETER (IN)	10				NOTES:			
DRILLED DEPTH (FT)	255							
ANODE SIZE								
BOTTOM ANODE DEPTH								
TOP ANODE DEPTH								
# OF BAGS OF COKE BREEZE								
#OF BAGS OF CHIPS								
WAS VAC TRUCK USED	yes							
EQUIPMENT USED ON SITE	versadrill							