

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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<b>Deep Well GroundBed Data:</b>		<b>Date:</b> 11/08/18	
Job Number:	SST04-2018-KS	Drilling Contractor:	MCLEANS CP INSTALLATION, INC.
Company Name:	SOUTHERN STAR CENTRAL GAS PL	Facility/Line:	C60569- RECT 509
Subject:	DEEP WELL	State:	KS
Well Depth:	300 FT	County:	GRAY
Diameter:	10 IN	Other-Driller:	TR
Casing:	20 FT OF 10 IN	Drilling Method:	MUD
Type of Backfill:	SC2	Base Useable Water:	N/A
Anode Type:	1 SET OF 20 ANOTECH 2684		
GPS:	37.591673, -100.317328	<b>TEST VOLTS:</b>	N/A
Remarks:			

<b>Drilling Log</b>			<b>Electrical Log</b>			<b>Anode Log</b>		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
0'	CLAY	CASING/HOLEPLUG						
5'	CLAY	CASING/HOLEPLUG						
10'	CLAY	CASING/HOLEPLUG						
15'	CLAY	CASING/HOLEPLUG						
20	CLAY	HOLEPLUG						
25	CLAY	HOLEPLUG						
30	CLAY	HOLEPLUG						
35	CLAY	HOLEPLUG						
40	CLAY	HOLEPLUG						
45	CLAY	HOLEPLUG						
50	CLAY	HOLEPLUG						
55	CLAY	HOLEPLUG						
60	CLAY	HOLEPLUG						
65	CLAY	HOLEPLUG						
70	CLAY	HOLEPLUG						
75	CLAY	COKE						
80	CLAY	COKE						
85	CLAY	COKE						
90	CLAY	COKE						
95	CLAY	COKE						
100	CLAY	COKE						
105	CLAY	COKE			20			
110	CLAY	COKE						
115	CLAY	COKE			19			
120	SAND	COKE						
125	SAND	COKE			18			
130	SAND	COKE						
135	SAND	COKE			17			
140	SANDY CLAY	COKE						
145	SANDY CLAY	COKE			16			
150	SANDY CLAY	COKE						
155	SANDY CLAY	COKE			15			
160	LIMESTONE	COKE						
165	LIMESTONE	COKE			14			
170	LIMESTONE	COKE						
175	LIMESTONE	COKE			13			
180	LIMESTONE	COKE						
185	LIMESTONE	COKE			12			
190	SHALE	COKE						
195	SHALE	COKE			11			
200	SHALE	COKE						
205	SHALE	COKE			10			
210	SHALE	COKE						
215	SHALE	COKE			9			
220	SHALE	COKE						
225	SHALE	COKE			8			
230	SHALE	COKE						
235	SHALE	COKE			7			
240	SHALE	COKE						
245	SHALE	COKE			6			
250	SHALE	COKE						



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Company Name:	<b>SOUTHERN STAR CENTRAL GAS PL</b>	Facility/Line:	<b>C60569- RECT 509</b>
Subject:	<b>DEEP WELL</b>	State:	<b>KS</b>
Well Depth:	<b>300 FT</b>	County:	<b>GRAY</b>
Diameter:	<b>10 IN</b>	Other-Driller:	<b>TR</b>
Casing:	<b>20 FT OF 10 IN</b>	Drilling Method:	<b>MUD</b>
Type of Backfill:	<b>SC2</b>	Base Useable Water:	<b>N/A</b>
Anode Type:	<b>1 SET OF 20 ANOTECH 2684</b>		
GPS:	<b>37.591673, -100.317328</b>	<b>TEST VOLTS:</b>	<b>N/A</b>
Remarks:			

<b>Drilling Log</b>			<b>Electrical Log</b>			<b>Anode Log</b>		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
255	SHALE	COKE			5			
260	SHALE	COKE						
265	SHALE	COKE			4			
270	SHALE	COKE						
275	SHALE	COKE			3			
280	SHALE	COKE						
285	SHALE	COKE			2			
290	SHALE	COKE						
295	SHALE	COKE			1			
300	SHALE	COKE						

For KCC Use ONLY

API # 15 - \_\_\_\_\_

**IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.**

In all cases, please fully complete this side of the form. Include items 1 through 3 at the bottom of this page.

Operator: Southern Star Central Gas Pipeline, Inc.  
Facility Name: C60569  
Borehole Number: 01

Location of Well: County: Gray  
33 feet from  N /  S Line of Section  
2,143 feet from  E /  W Line of Section  
Sec. 19 Twp. 28 S. R. 27  E  W

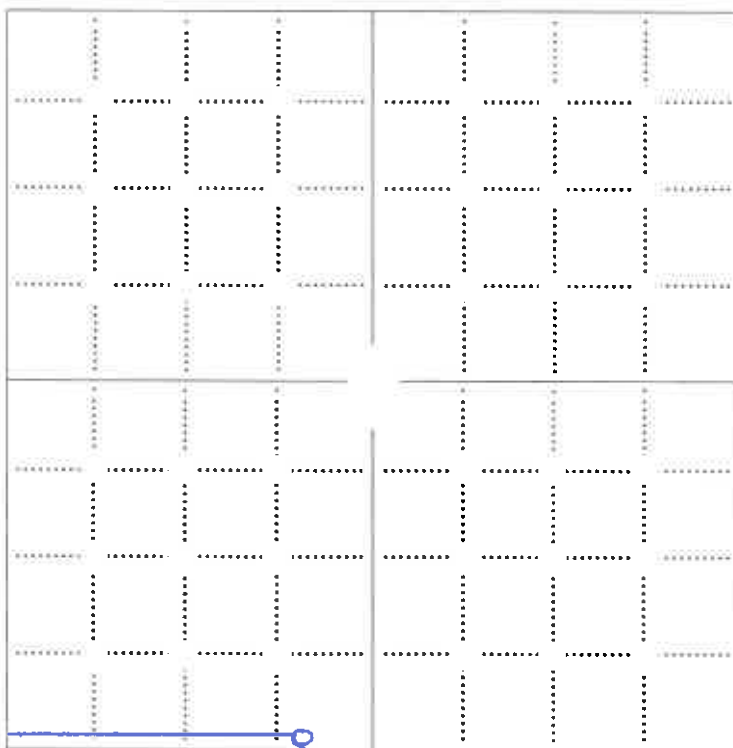
Is Section:  Regular or  Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used:  NE  NW  SE  SW

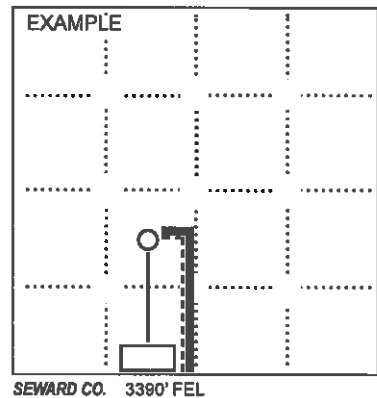
**PLAT**

Show location of the Cathodic Borehole. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



**LEGEND**

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



NOTE: In all cases locate the spot of the proposed drilling location.

In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
2. The distance of the proposed drilling location from the section's south / north and east / west; line.
3. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.