

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) (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>

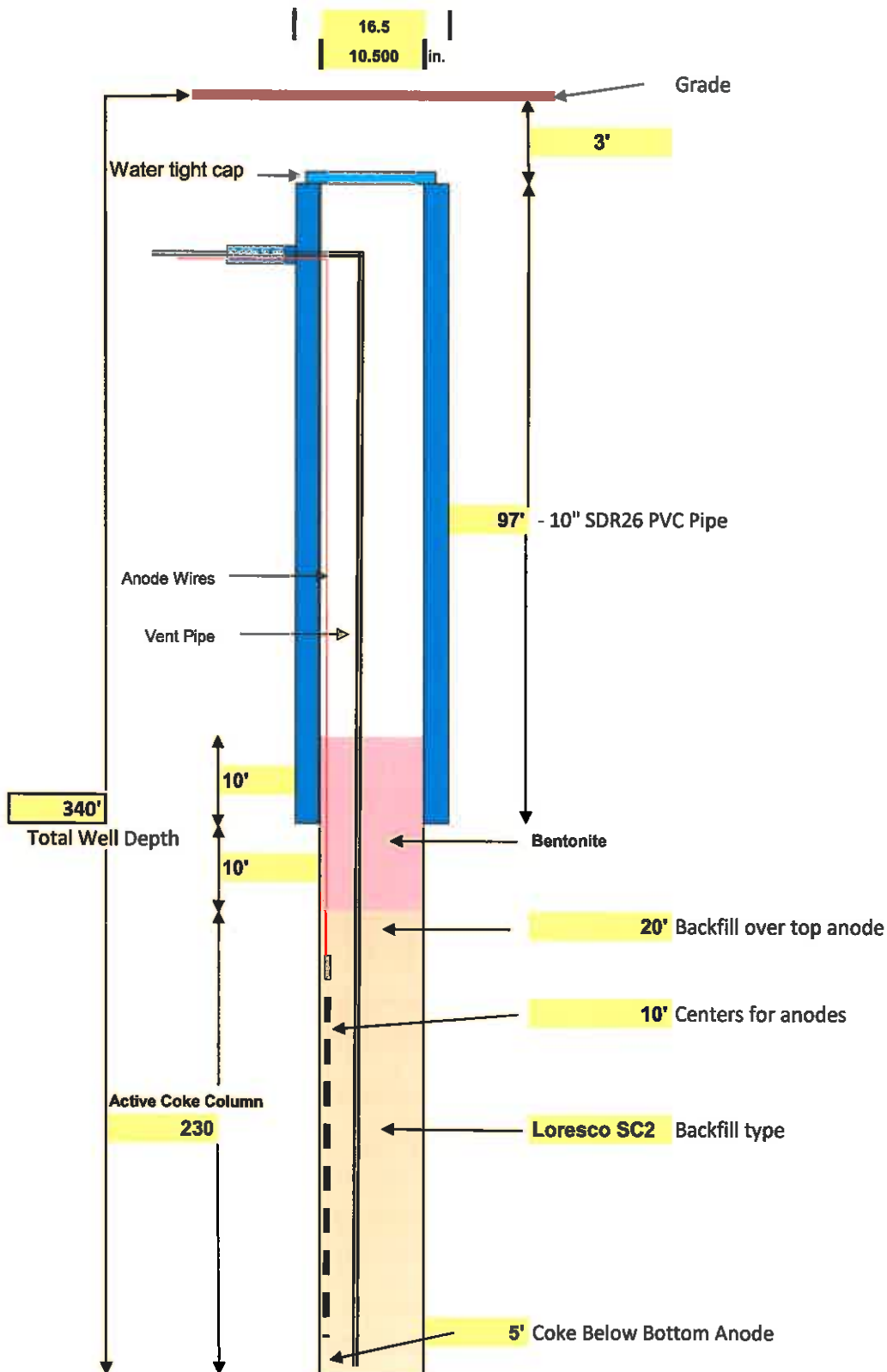
TUBING RECORD:	Size:	Set At:	Packer At:	
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**BELOW GROUND COMPLETION**

**Well Name: C60892**

**County: LYON**





4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

<b>Deep Well GroundBed Data:</b>		<b>Date:</b> 09/10/18	
Job Number:	SST17-2018-KS	Drilling Contractor:	MCLEANS CP INSTALLATION, INC.
Company Name:	SOUTHERN STAR	Facility/Line:	C60892-AMERICUS
Subject:	DEEP WELL	State:	KS
Well Depth:	340 FT	County:	LYONS
Diameter:	10 IN	Other-Driller:	TR
Casing:	100 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:	38.470591, -96.280936	<b>TEST VOLTS:</b>	11.5
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						
5'	CLAY	CASING						
10'	CLAY	CASING						
15'	LIMESTONE	CASING						
20	LIMESTONE	CASING						
25	SHALE	CASING						
30	SHALE	CASING						
35	SHALE	CASING						
40	SHALE	CASING						
45	SHALE	CASING						
50	SHALE	CASING						
55	SHALE	CASING						
60	SHALE	CASING						
65	SHALE	CASING						
70	SHALE	CASING						
75	SHALE	CASING						
80	SHALE	CASING/HOLEPLUG						
85	SHALE	CASING/HOLEPLUG						
90	SHALE	CASING/HOLEPLUG						
95	SHALE	CASING/HOLEPLUG						
100	SHALE	CASING/HOLEPLUG						
105	SHALE	HOLEPLUG						
110	SHALE	HOLEPLUG	1.2					
115	SHALE	COKE						
120	SHALE	COKE	1.2					
125	SHALE	COKE						
130	SHALE	COKE	1.2					
135	SHALE	COKE						
140	SHALE	COKE	1.4					
145	SHALE	COKE			20			
150	SHALE	COKE	1.4					
155	SHALE	COKE			19			
160	SHALE	COKE	1.6					
165	SHALE	COKE			18			
170	SHALE	COKE	1.2					
175	SHALE	COKE			17			
180	SHALE	COKE	1.2					
185	SHALE	COKE			16			
190	SHALE	COKE	1.0					
195	SHALE	COKE			15			
200	SHALE	COKE	1.2					
205	SHALE	COKE			14			
210	SHALE	COKE	1.2					
215	SHALE	COKE			13			
220	SHALE	COKE	1.4					
225	SHALE	COKE			12			
230	SHALE	COKE	1.0					
235	SHALE	COKE			11			
240	SHALE	COKE	1.4					
245	SHALE	COKE			10			
250	SHALE	COKE	1.4					



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Company Name:	<b>SOUTHERN STAR</b>	Facility/Line:	<b>C60892-AMERICUS</b>
Subject:	<b>DEEP WELL</b>	State:	<b>KS</b>
Well Depth:	<b>340 FT</b>	County:	<b>LYONS</b>
Diameter:	<b>10 IN</b>	Other-Driller:	<b>TR</b>
Casing:	<b>100 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>38.470591, -96.280936</b>	<b>TEST VOLTS:</b>	<b>11.5</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			9			
260	SHALE	COKE	1.2					
265	SHALE	COKE			8			
270	SHALE	COKE	1.0					
275	SHALE	COKE			7			
280	SHALE	COKE	1.2					
285	SHALE	COKE			6			
290	SHALE	COKE	1.4					
295	SHALE	COKE			5			
300	SHALE	COKE	1.4					
305	SHALE	COKE			4			
310	SHALE	COKE	1.6					
315	SHALE	COKE			3			
320	SHALE	COKE	1.6					
325	SHALE	COKE			2			
330	SHALE	COKE	1.2					
335	SHALE	COKE			1			
340	SHALE	COKE	1.2					