KOLAR Document ID: 1736497

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 # 34898
Name: Phillips 66 Pipeline, LLC
Address 1: 25760 W. 343RD ST
Address 2:
City: PAOLA State: KS Zip: 66071 + 4744
Contact Person: Larry Vest
Phone: (913) 294-2682
CONTRACTOR: License # 6427
Name: Rosencrantz-Bemis Enterprises, 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: 32775
Well Name: MP 306
Original Comp. Date: 11/6/2002 Original Total Depth: 250
☐ 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 #:

10/18/2023 Spud Date or Recompletion Date
Date Reached TD
10/23/2023 Completion Date or Recompletion Date

API No.: 15-015-23632-00-01
Spot Description:
W2 - W2 - SW - NW Sec. 26 Twp. 24 S. R. 6 ☑ East ☐ West
3375 Feet from ☐ North / ☑ South Line of Section
50 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: Butler
Lease Name: MP306 Well #: 1
Field Name: MP 306
Producing Formation: N/A
Elevation: Ground: 1400 Kelly Bushing: 1403
Total Vertical Depth: 250 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 120 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:** David Befort **Date:** 11/15/2023

Operator Name: Phillips 66 Pipeline, LLC Lease Name: MP306 Well #: 1

Sec. 26 Twp. 24 S. R. 6 ☑ East ☐ West County: Butler

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	☐ Log	Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☐ Yes	☑ No	Name: N/A	Top: N/A Datum: N/A
Cores Taken	☐ Yes	☑ No		
Electric Log Run	☐ Yes	☑ No		
Geologist Report / Mud Logs	☐ Yes	☑ No		
List All E. Logs Run:				

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	12	10	11.3	120	Portland	68	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	Phillips 66 Pipeline, LLC
Well Name	MP306 1
Doc ID	1736497

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	12	10	11.3	120	Portland	68	0

PHILLIPS 66/DEEP GROUNDBED INSTALLATION/KS

Bass Project Number: 10-23-2313

Prepared for:

Prepared by:
Bass Engineering a MESA Company

Project Manager:
CHRIS HILLERT

Completed by:

OCTOBER 23, 2023

Table of Contents

Section

Anode Installation

- The existing hole to be flushed & reloaded is assumed to be 10"X250' with 120' of 10" PVC Casing.
- We will Flush Old well to remove waste per KCC regulations before reloading new anodes.
- A chlorine gas detector will be used to monitor levels of chlorine that may exist in bore hole. The pH levels will be monitored to maintain safety for all personnel on site, and equipment used from extremely low pH levels possible.
- Note: If special protective wear is needed for Safety (ie. Face respirators, etc.) due to extreme chlorine present. (Equipment Invoiced at cost plus)
- (10) Anotec 3884 Cast Iron anodes with #8 Halar leads.
- The hole will be pumped with Loresco SC-3.
- Bentonite hole plug will be installed from the top of the coke to 5' inside the casing.
- Anode leads will terminate in a junction box below the rectifier.
- Portable Pit will be utilized for drilling operations
- Driller estimated at 3.5 days to flush old well and reload.

Negative Pipe Connection

- The existing negative cable will be used.

Rectifier Installation

- The existing rectifier cable will be used.

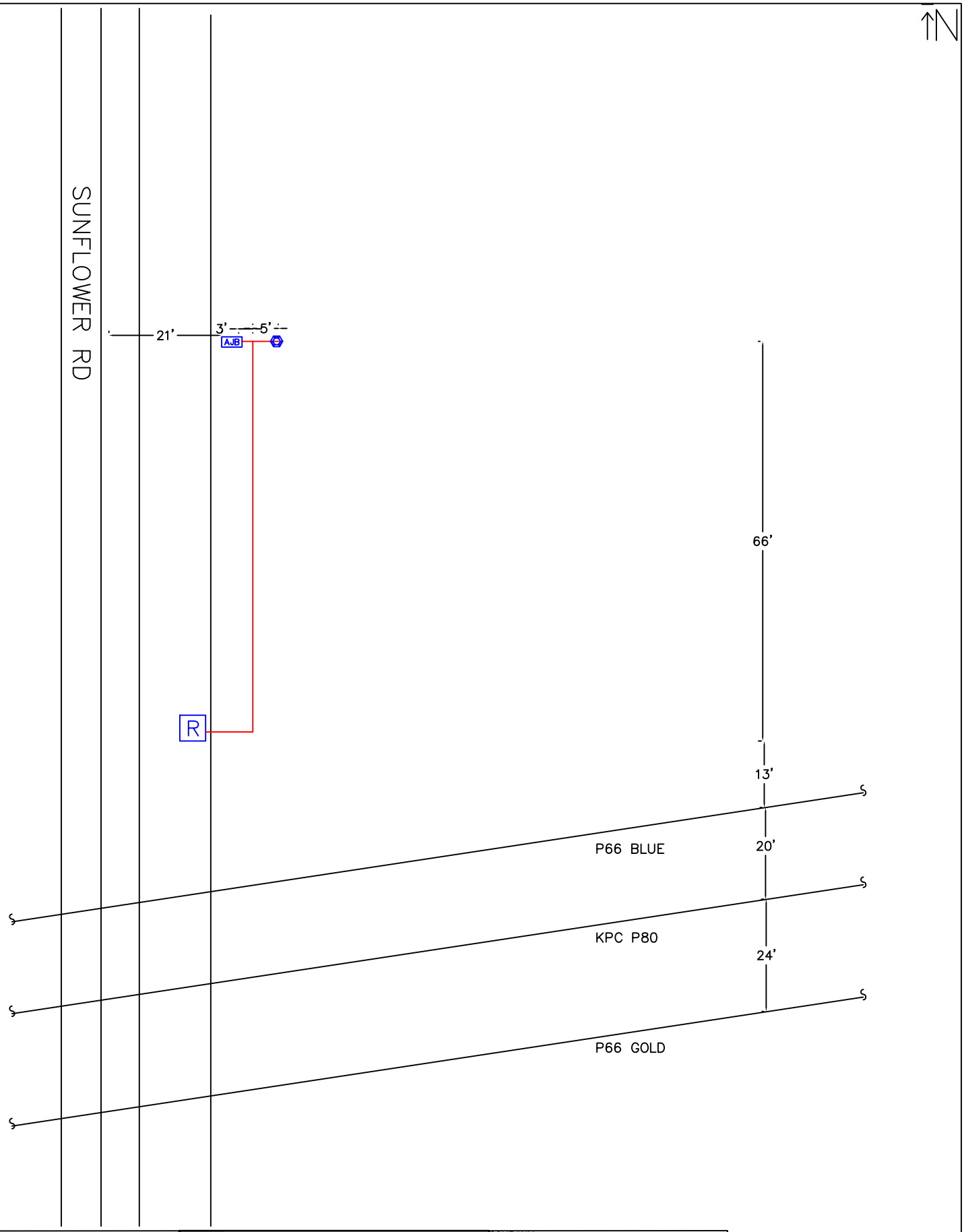
CHANGE ORDER:

Bass Engineering has been asked to provide pricing to provide additional labor and materials for unexpected drilling conditions on a deep ground bed location in Kansas for Phillips 66. During the installation of coke breeze in the original scope of work for MP 306, a suspected void was discovered when the original estimated amount of coke breeze did not settle at the calculated depth. A plan was developed to pump additional coke breeze into the anode bore to cover the top two anodes and complete the anode bed installation.

Location: MP 306: 37.931817, -96.749204

Scope of Work

- Return to the job site with additional materials and pumping equipment.
- Attempt to load approximately 100 bags of Loresco SC-3 coke breeze into the suspected void.
- Let the coke breeze settle overnight and tag the coke column depth the following morning.
- If the desired coke column is **not** achieved, additional coke breeze up to another 100 bags, will be pumped into the anode bore.
- If the desired coke column **is** achieved, the bore will be completed as designed with bentonite plug.



BASS ENGINEERING
A MESA COMPANY
WWW.BASS-ENG.COM

PROJECT: MP_306

COMPANY: PHILLIPS_66
CONTACT: CONTACT
PROJECT #: 10-23-2313
DRAWING #: P66-08960
DRAFTER: DR
DATE: 11/7/23

REV	DESC	DATE	BY

CONSTRUCTION RECTIFIER REPORT

1. CLIENT INFORMATION

Client	P66			Job Number	10-23-2313
Facility	MP306			Calibrated Instrument	FLUKE-177
County	BUTLER	State	KS	Serial No.	97001156

☐ New Rectifier ☑ Existing Rectifier

2. RECTIFIER INFORMATION

Manufacturer	UNIVERSIAL			Rectifier ID Number	MP306		
Model No.	ASAI		Power Vendor	N/A			
Serial No.	22629	Acct #	N/A	KWH Meter #	N/A	KWH Reading	N/A
DC Volts	40	AC Volts	115/230	Max Coarse	3	Shunt Amp	75
DC Amps	60	AC Amps	29.6/14.8	Max Fine	6	Shunt mV	50
GPS Coordinates	Latitude	N	37.93182	Longitude	W	96.74918	
RMU Type	WATCHDOG SCOUT			Serial Number	N/A		

☐ #12 Lead Installed with Negative

3. PRE-ENERGIZED CHECK LIST

Potentials (Volts - Fixed Reference Cell Method)					Potential Difference Neg. Cable vs. Structure	
Positive	0.183	Negative	BELOW	Structure	BELOW	DC Volts

4. GROUND BED TYPE

Conventional	☐	Replacement	☐	New	☐	
Deep Well	☑	Replacement	☑	New	☐	FLUSHOUT 250'
HDD	☐	Replacement	☐	New	☐	
LINEAR	☐	Replacement	☐	New	☐	
MESH	☐	Replacement	☐	New	☐	

☐ No AC Power

5. ENERGIZED INFORMATION

Coarse Tap Setting	1	of	3	AC Volts	232	DC Volts	9.13	DC Amps	19.80
Fine Tap Setting	4	of	6	AC Amps	1.90	DC mV	13.20	Structure PS	BELOW
Calculated Ground Bed Resistance						Calculated Rectifier Efficiency			

6. JUNCTION BOX INFORMATION

SOUTH Anode Junction Box NORTH						Comments
Cir.	Amp	Cir.	Amp	Cir.	Amp	
1	3.75	11		1		STRUTURES OFF/ONS
2	2.66	12		2		
3	1.53	13		3		GOLD -0.978 / -1.424
4	1.35	14		4		
5	1.88	15		5		KPC P80 -0.930 / -1.459
6	1.18	16		6		
7	1.58	17		7		BLUE -0.919 / -1.482
8	1.35	18				
9	0.73	19				
10	3.70	20				
Shunt	mV	Amp				

Remarks: _____

Technician/Foreman Colby McCarty Date 10/23/2023

DEEP ANODE DRILLING LOG

MESA

Job No.	10-23-2313	PO/WO No.	Date 10/20/2023
Client	P66	**Drilling Co.**	**DARLING DRILLING**
Location	MP306	GPS: Lat: 37.93205	Long: 96.74921
Calibrated Instrument Used:	FLUKE-177	S/N	97001156

Depth	Logging Volts: 14.14 Amps	Ohms	Geological Log	Depth	Logging Volts: Amps	Ohms	Geological Log	No.	Depth	No Coke	With Coke
5			START CASING	205	1.80	7.86		1	235	2.00	2.00
10				210				2	225	2.00	2.10
15				215	2.00	7.07		3	215	1.50	1.60
20				220				4	205	1.80	1.80
25				225	2.00	7.07		5	195	1.90	1.90
30				230				6	185	1.80	1.80
35				235	2.00	7.07		7	175	1.80	1.80
40				240				8	165	1.70	1.80
45				245			FLUSHED DOWN TO ORIGINA	9	155	1.70	1.70
50				250				10	145	1.90	1.90
55				255				11			
60				260				12			
65				265				13			
70				270				14			
75				275				15			
80				280				16			
85				285				17			
90				290				18			
95				295				19			
100				300				20			
105				305				21			
110				310				22			
115				315				23			
120			END CASING	320				24			
125				325				25			
130				330				26			
135				335				27			
140				340				28			
145	1.90	7.44		345				29			
150				350				30			
155	1.70	8.32		355				31			
160				360				32			
165	1.70	8.32		365				33			
170				370				34			
175	1.80	7.86		375				35			
180				380				36			
185	1.80	7.86		385				37			
190				390				Volts			
195	1.90			395				Amps			
200				400				Ohms			

Hole Dia.:	10"	Total Depth:	245	Casing Feet:	120	Dia.: 10	Type: SDR-21
No. Anodes:	10	Size & Type:	ANOTEC CAST IRON	Anode Lead:	Size: #8		Type: HALAR
Lbs. Coke:	10,000	Coke Type:	LORESCO SC-3	Top of Coke Column:	52'		Vent: 140'
Lbs. Plug	250	Plug Type:	PDS BETONITE	Top of Plug:	47'		

MESA

JSA must be revised upon change in scope or job site conditions. After job tasks are defined and associated hazards identified, a tail gate meeting to discuss hazards and the mitigation process will be held.

DATE: 10-19-23 10-20-23
CUSTOMER: P66
WORK ACTIVITY (JOB): Flush & Reload on Deep well
JOB NUMBER: 10-23-2313
JOB ADDRESS or COORDINATES: 37.931817, -96.749204 MP 306

Dig Ticket Number: 23544440
MSDS/SDS available and reviewed: Y ✓ N
ADDITIONAL TAILGATE TOPIC:

MUSTER POINT: Haul truck
SECONDARY MUSTER POINT: up/crosswind
LOCATION OF FIRE EXTINGUISHER: trucks & equipment
LOCATION OF FIRST AID KIT: trucks & equipment
LOCATION OF NEAREST EMERGENCY MEDICAL FACILITY:
Susan B Allen Memorial Hospital
El Dorado, KS
SCANNED AREA FOR UNMARKED UTILITIES Y ✓ N__ N/A__
SCANNERS SIGNATURE

Prepared By: Colby McCarty

10-19-23 ATTENDEES		10-20-23
1. Wesley Morrison	9.	Wesley Morrison
2. Bubba W [illegible]	10.	
3. R Dodson	11.	[illegible]
4. C Dodson	12.	[illegible]
5.	13.	
6.	14.	
7.	15.	
8.	16.	

SAFETY EQUIPMENT REQUIRED TO DO THIS JOB: X=Required P=Prepared to Use

Hard Hats X	Face Shields/Goggles P	Leather Gloves X
SAFETY Shoes X	Barricades	Kevlar Gloves & Sleeves
SAFETY Glasses w/side shields X	Fire Extinguishers X	Hearing Protection P
Cotton Gloves	Lock-Out/Tag-Out P	Tag Lines for Crane Loads
Barrier Gloves	Authorization to Work Permit X	SCBA, Cascade Air or Respirators
High-Vis Vests P	Confined Space Entry Permit	Portable Weather Stations
FRC X	Atmospheric Monitor X	SAFETY Harness w/ Lifeline

SEQUENCE OF BASIC JOB STEPS	POTENTIAL ACCIDENTS OR HAZARDS	MITIGATION TO ELIMINATE OR REDUCE POTENTIAL HAZARDS
- unloading & moving materials - rigging up	• unserviceable tools/ equipment • Heavy offset loads on uneven terrain • swinging and rotating equip.	• inspect all tools & equipment before use • know your load & park on level surfaces • do walk arounds & use spotters • be aware of your surroundings • stay on opposite side of swing rack
- flushing old system - reloading	• above & below ground hazards • low pH in soil • use of pumps & high pressure hoses	• check one call & sweep area & mark out hazards • using chemical to balance out • wear proper PPE • checking pH constantly • inspect hoses & check safety devices
General Worksite Safety	• slips, trips, falls • pinch points • Heavy lifting • working on elevated surfaces • tools & trash on site • loud noises	• know & use good footing • know & use good hand placement • use proper lifting techniques • use 3 points of contact • good housekeeping • use proper ppe when needed
Extra topics	• weather • stop work authority • wildlife • site specifics • struck by / line of fire	

MESA

JSA must be revised upon change in scope or job site conditions. After job tasks are defined and associated hazards identified, a tail gate meeting to discuss hazards and the mitigation process will be held.

DATE: 10/21/23 10/23/23
CUSTOMER: P66
WORK ACTIVITY (JOB): Flush & Reload on Deep well
JOB NUMBER: 10-23-2313
JOB ADDRESS or COORDINATES: 37.938817, -96.749204 MP 306

Dig Ticket Number: 23544440
MSDS/SDS available and reviewed: Y✓ N__
ADDITIONAL TAILGATE TOPIC:

MUSTER POINT: Haul truck
SECONDARY MUSTER POINT: up/crosswind
LOCATION OF FIRE EXTINGUISHER: trucks & equipment
LOCATION OF FIRST AID KIT: trucks & equipment
LOCATION OF NEAREST EMERGENCY MEDICAL FACILITY:
Susan B Allen Memorial Hospital
El Dorado, KS
SCANNED AREA FOR UNMARKED UTILITIES Y✓ N__ N/A__
SCANNERS SIGNATURE

Prepared By: Colby McCarty

10/21/23 ATTENDEES		10/23/23
1. Wesley Morrison	9.	Wesley Morrison
2. Bobbie W	10.	
3. E Robson	11.	
4. C Robson	12.	
5.	13.	
6.	14.	
7.	15.	
8.	16.	

SAFETY EQUIPMENT REQUIRED TO DO THIS JOB: X=Required P=Prepared to Use

Hard Hats X	Face Shields/Goggles P	Leather Gloves X
SAFETY Shoes X	Barricades	Kevlar Gloves & Sleeves
SAFETY Glasses w/side shields X	Fire Extinguishers X	Hearing Protection P
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- flushing old system - reloading	• above & below ground hazards • low pH in soil • use of pumps & high pressure hoses	• check one call & sweep area & mark out hazards • using chemical to balance out • wear proper ppe • checking pH constantly • inspect hoses & check safety devices
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MESA

JSA must be revised upon change in scope or job site conditions. After job tasks are defined and associated hazards identified, a tail gate meeting to discuss hazards and the mitigation process will be held.

DATE: 10/31/23 11/1/23
CUSTOMER: P66
WORK ACTIVITY (JOB): Flush & Reload on Deep well
JOB NUMBER: 10-23-2313
JOB ADDRESS or COORDINATES: 37.93817, -96.749204 MP306

Dig Ticket Number: 23544440
MSDS/SDS available and reviewed: Y✓ N__
ADDITIONAL TAILGATE TOPIC:

MUSTER POINT: Haul truck
SECONDARY MUSTER POINT: up/crosswind
LOCATION OF FIRE EXTINGUISHER: trucks & equipment
LOCATION OF FIRST AID KIT: trucks & equipment
LOCATION OF NEAREST EMERGENCY MEDICAL FACILITY:
Susan B Allen Memorial Hospital
El Dorado, KS
SCANNED AREA FOR UNMARKED UTILITIES Y✓ N__ N/A__
SCANNERS SIGNATURE

Prepared By: Colby McCarty

ATTENDEES 10/31/23		ATTENDEES 11/1/23	
1.	Lesley Morrison	9.	Lesley Morrison
2.	Colby McCarty	10.	
3.	Rodas	11.	
4.	Dodson	12.	
5.		13.	
6.		14.	
7.		15.	
8.		16.	

SAFETY EQUIPMENT REQUIRED TO DO THIS JOB: X=Required P=Prepared to Use

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SAFETY Glasses w/side shields X	Fire Extinguishers X	Hearing Protection P
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Barrier Gloves	Authorization to Work Permit X	SCBA, Cascade Air or Respirators
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Extra topics	• weather • stop work authority • wildlife • site specifics • struck by / line of fire	


Grass King


W
R
642539


SOUTHWE
TRUCK PAR