KOLAR Document ID: 1669426

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 # 35831
Name: EPOC, LLC
Address 1: 313 E AARON DR
Address 2:
City: ANDOVER State: KS Zip: 67002 + 8649
Contact Person: Ray Gilbert
Phone: (620) 820-9687
CONTRACTOR: License # 32701
Name: C & G Drilling, Inc.
Wellsite Geologist: William Stout
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 #:

7/31/2022 Spud Date or Recompletion Date
8/3/2022 Date Reached TD
10/3/2022 Completion Date or Recompletion Date

API No.: 15-015-24168-00-00
Spot Description:
SE - NE - SW - NW Sec. 32 Twp. 23 S. R. 5 ☑ East ☐ West
1835 Feet from ☑ North / ☐ South Line of Section
1075 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: ECK 'A' Well #: 1
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 1483 Kelly Bushing: 1489
Total Vertical Depth: 2550 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 204 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: 1500 ppm Fluid volume: 150 bbls
Dewatering method used: Evaporated
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: 10/14/2022
☐ **Confidential Release Date:** 10/13/2024
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** David Befort **Date:** 10/17/2022

Operator Name: EPOC, LLC Lease Name: ECK 'A' Well #: 1

Sec. 32 Twp. 23 S. R. 5 ☑ 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
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:

Induction
Porosity

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Kansas City	2080	-591
Pawnee	2374	-885
Mississippi	2444	-952

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	12.750	8.625	20	204	Class A	210	Calc. 3% Gel 2%
Production	7.875	5.5	15	2539	Thick Set	145	Kolseal 5% Phenoseal 2%

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: 10/14/2022

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: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
2454	2466

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)*
3	2454	2466			500 gal 15% HCL

TUBING RECORD: Size: 2.875 Set At: 2432 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	EPOC, LLC
Well Name	ECK 'A' 1
Doc ID	1669426

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	12.750	8.625	20	204	Class A	210	Calc. 3% Gel 2%
Production	7.875	5.5	15	2539	Thick Set	145	Kolseal 5% Phenoseal 2%

EPOC, LLC
Andover, Kansas

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	**Eck A #1**		
API:	**15-015-24168**		
Location:	**SE NE SW NW section 32-T23S-R5E**		
License Number:	**35831**	**Region:**	**Butler County**
Spud Date:	**7-31-22**	**Drilling Completed:**	**8-3-22**
Surface Coordinates:			
Bottom Hole Coordinates:			
Ground Elevation (ft):	**1483**	**K.B. Elevation (ft):**	**1489**
Logged Interval (ft):	**2000 To: R.T.D.**	**Total Depth (ft):**	**2550**
Formation:	**Kinderhook**		
Type of Drilling Fluid:	**Chemical**		

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: **EPOC, LLC**
Address: **313 E. Aaron Dr.**
Andover, Kansas 67002-8649

GEOLOGIST

Name: **William M. Stout**
Company:
Address: **1441 N. Rock Road #1903**
Wichita, Kansas 67206

FROMATION TOPS

G.L.1483
K.B.1489
SampleLog

Formation	Depth	Datum	Depth	Datum
Kansas City	2080	-591	2077	-588
BKC	2215	-726	2214	-725
Marmaton	2298	-809	2297	-808
Altamont	2337	-848	2340	-851
Pawnee	2374	-885	2371	-882
Cherokee	2421	-932	2417	-928
Mississippi	2441	-952	2437	-948
Mississippi Lime	2511	-1022	2509	-1020
Kinderhook	2520	-1031	2518	-1029
Total Depth	2550	-1061	2547	-1058

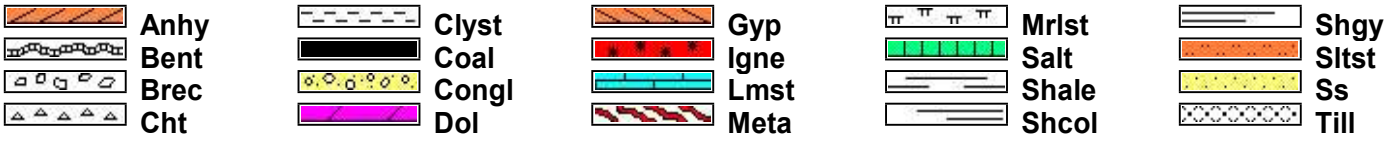
CASING

204' 8 5/8" surface casing @ 210' with 215 sacks cement.
2539' 5 1/2" production casing.

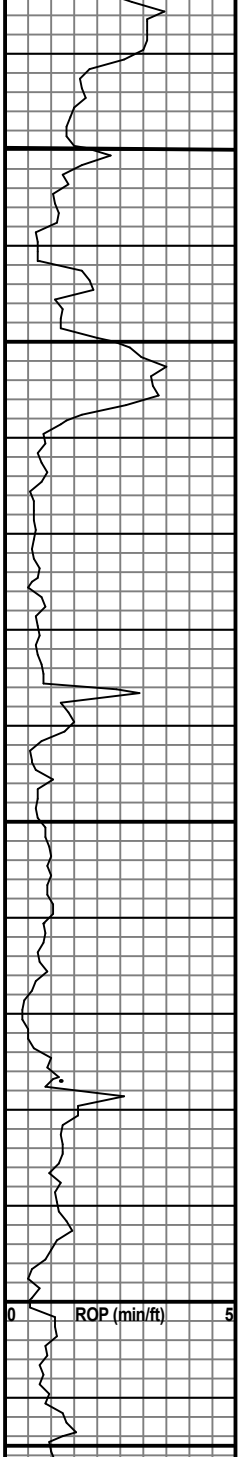
Comments

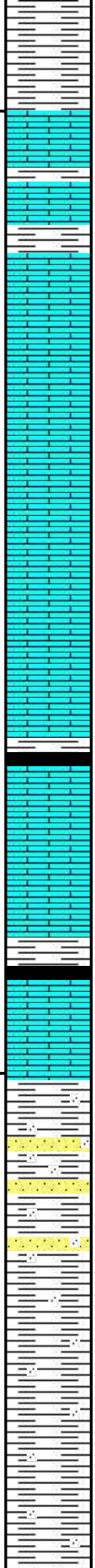
The decision was made to set and cement 5 1/2" casing to further evaluate the Mississippi Chert through perforations.

ROCK TYPES



Curve Track 1 ROP (min/ft)	DST	MD	Lithology	Oil Shows	Geological Descriptions	Remarks
0 ROP (min/ft) 5		2000 MD			Sh- gy, sdy, w/ Ls- lt brn, f-x, vy ool, NS.	12:30 am 8-2-22
					Sh- gy, s/ sdy.	
					Sh- gy, m gy, sdy in pt.	
		2050			Sh- a.a.	





2100

2150

2200 MD

2250

Sh- gy, m gy, calc.

Kansas City 2080' -591

Ls- lt brn, brn, f-x, fos, dns, NS.

e-log -588

Ls- a.a. w/ Sh- gy, grn.

Ls- lt brn, f-x, fos, dns, sli chky, NS, NV por.

Ls- lt brn, f-x, fos, s/ chky, scat inxtln por, NS.

Ls- a.a. s/ ool.

Ls- lt brn, brn, f-x, fos, dns, chky, NS.

Ls- a.a. w/ Sh- dk gy.

Ls- lt brn, lt gy, f-x, fos, s/ arg, w/ Sh- gy, grn.

Vis. 36
Wt. 9.3

Ls- a.a. w/ Sh- gy, blk,

Ls- lt brn, lt, gy, f-x, fos, dns, sli chty, NS.

Ls- lt brn, f-x, fos, dns, chky, NS.

Base Kansas City 2215' -726

e-log -725

Sh- dk gy, gy, grn, sdy, w/ Ls- a.a.

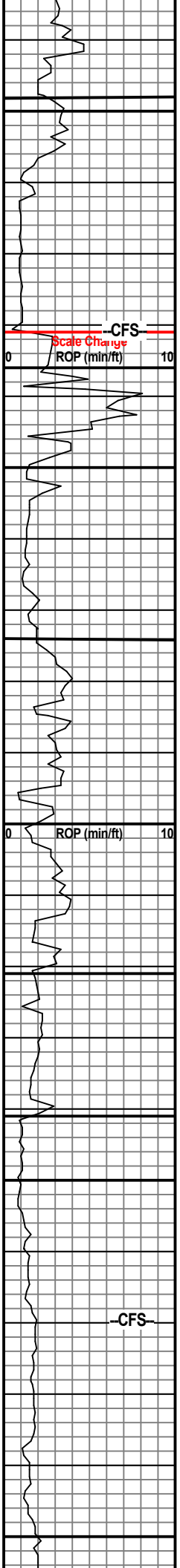
Sh- gy, dk gy, grn ,red, w/ Ss- lt gy, gy, arg, calc, mica, NS, NV por.

Vis. 39
Wt. 9.3

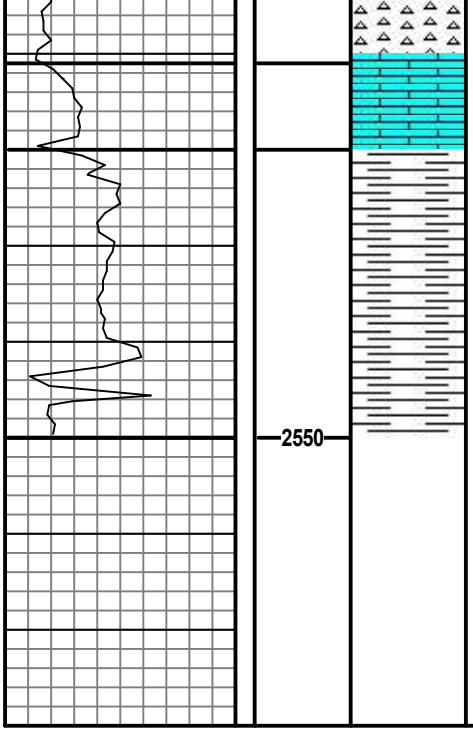
Sh- a.a.

Sh- gy, m gy, grn, s/ sdy.

Sh- dk gy, gy, sdy.



			Marmaton 2298' -809
2300			e-log -808
		Ls- lt brn, f-x, fos, dns, NS, w/ Sh- gy, dk gy, grn.	
		Sh- gy, grn.	Bit Trip @ 2331' C.F.S. 10-20-30 min. Back drilling 6:30 pm 8-2-22
			Altamont 2337' -848
			e-log -851
		Ls- lt brn, f-x, fos, dns, w/ Sh- gy, dk gy, grn.	
2350			
		Ls- a.a. w/ Sh- a.a. s/ blk.	
		Sh- gy, dk gy, grn, calc.	
			Pawnee 2374' -885
			e-log -882
		Ls- lt brn, brn, f-x, fos, dns, sli chty, NS.	
			Vis. 44 Wt. 9.4 LCM 2#
		Ls- lt brn, brn, lt gy, f-x, fos, dns, NS, w/ Sh- gy, dk gy, grn.	
2400 MD			
		Ls & Sh- a.a. s/ Sh- blk carb.	
		Ls- lt brn, brn, gy, f-x, dns, fos, NS, w/ Sh- a.a.	
			Cherokee 2421' -932
			e-log -928
		Sh- dk gy, gy, grn, blk, tr red, Ls- a.a.	
		Sh & Ls- a.a. washes red.	
			Mississippi 2441' -952
			e-log -948
2450		Cht- wht, amber, opq to trans, s/ wea, fr odor, lt stn, SFO w/ G.B. when broken, scat pp & vug por w/ fluor, (30%)	
		Cht- a.a. w/ poss edge stn.	
		Cht- a.a. w/ inc fresh, fluor (25%).	
			C.F.S @ 2470' 10-20-30 min.
		Cht- a.a. w/ scat fluor, (10%).	
		Cht- amber, wht, trans to opq, fresh, no odor, few pieces w/ lt stn and fluor (<5%).	
		Cht- a.a.	
2500			
		Cht- a.a. w/ s/ Sh- gy, grn.	



Cht- a.a. w/ s/ Sh- gy, grn.

Ls- lt brn, lt grn, tr pink, f to m-x, dns, NS, w/ Sh- gy, grn, red.

Sh- dk gy, gy, grn, red, w/ Ls- a.a.

Sh- a.a.

Mississippi Lime 2511' -1022

e-log -1020

Kinderhook 2520' -1031

e-log -1029

Vis. 49
Wt. 9.5
LCM 2#

R.T.D. 2550' -1061

C.F.S. @ 2550' 10-20-30 min.
6:00 am 8-3-22

L.T.D. 2547 -1058

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE
CEMENTING & ACID SERVICE, LLC

(46 Drlg. Rig #1)

Cement or Acid Field Report
Ticket No. **6566**
Foreman David Gardner
Camp Eureka

API # 15-015-24168

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
7-31-22	1423	Eck A #1	32	23S	5E	Butler	KS

Customer	Safety Meeting	Unit #	Driver	Unit #	Driver
EPOC, LLC	DG JH AB	105	Jason		
Mailing Address: 313 E. Aaron Dr.		114	Allen B.		
City: Andover / State: KS / Zip Code: 67002					

Job Type Surface — Hole Depth 215' K.B. — Slurry Vol. 51 Bbl Total — Tubing 1" Hydril
Casing Depth 204' G.L. — Hole Size 12¼" — Slurry Wt. 15# — Drill Pipe
Casing Size & Wt. 8⅝ 23# — Cement Left in Casing 15' ± — Water Gal/SK — Other
Displacement 12½ Bbl — Displacement PSI — Bump Plug to — BPM

Remarks: Safety Meeting: Rig had lost circulation trouble from approximately 80' to T.D. Run 8⅝" casing. Cement Basket @ 75' Below G.L. Rig up to 8⅝ casing w/ Rig mud pump. Pump for 10 mins w/ no fluid returns. Rig up to 8⅝" casing. Pump 5 Bbl Fresh water ahead to catch pressure. Mixed 150 sks Class 'A' Cement w/ 3% Cacl2, 2% Gel, ¼# Floseal/sk @ 15#/gal, yield 1.35 = 36 Bbl slurry (Mixed 120# Hulls in w/ cement). Displace w/ 12½ Bbl fresh water. Shut down. Close casing in. No returns while cementing. Wait 30 mins. Fluid level 10' Below G.L. Run 1" Hydril down annulus & tag cement basket. Rig up to 1" Hydril. Mixed 160 sks Class A' Cement w/ 3% Cacl2, 2% Gel, ¼# Flosal/sk @ 15# /gal, yield 1.35 = 15 Bbl slurry. Good fluid returns & good cement to surface. Shut down. Pull 1" Hydril. Well standing full of cement after 30 mins. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	950.00	950.00
C107	50	Mileage	5.00	250.00
C200	210 sks	Class 'A' Cement	18.55	3895.50
C205	590#	Cacl2 3%	.75	442.50
C206	395#	Gel 2%	.30	118.50
C209	50#	Flosal ¼#/sk	2.80	140.00
C108B	9.87 Tons	Ton Mileage - 50 miles	1.50	740.25
C214	120#	Hulls (Mixed in w/ Cement)	.80	96.00
C6006	1	8⅝" Cement Basket	380.00	380.00
C118	1	1" Hydril Rental	m/c	150.00
		Thank You	Sub Total	7,162.75
			Less 5%	375.11
		6.5%	Sales Tax	339.46
			Total	7127.10

Authorization by Timmy Stack Title Co Rep - Tool Pusher

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE
CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **6570**
Foreman David Gardner
Camp Eureka

API # 15-015-24168

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-3-22	1423	Eck D #1	32	23S	5E	Butler	KS

Customer	Safety Meeting	Unit #	Driver	Unit #	Driver
EPOC LLC	DG JH BW	105	Jason		
Mailing Address: 313 E. Aaron Dr.		110	Broker		
City: Andover / State: KS / Zip Code: 67002					

Job Type Longstring — Hole Depth 2550' K.B. — Slurry Vol. 41 Bbl Longstring — Tubing
Casing Depth 2538.53' G.L. — Hole Size 7 7/8" — Slurry Wt. 13.8# — Drill Pipe
Casing Size & Wt. 5 1/2" — Cement Left in Casing 0' — Water Gal/SK — Other
Displacement 60.3 Bbl — Displacement PSI 700 — Bump Plug to 1100 PSI — BPM

Remarks: Safety Meeting: Used 5 1/2" 15.50# casing set @ 2538.53' G.L. Rig up to 5 1/2 casing. Break circulation w/ 10 Bbl fresh water. Mixed 125 sks Thick Set Cement w/ 5# Kolseal/sk, 2# Phenoseal/sk @ 13.8#/gal, yield 1.85 = 41 Bbl slurry. Wash out pump & lines. Shut down. Release Latch Down plug. Displace plug to seat w/ 60.3 Bbl fresh water. (1st 30 Bbl w/ KCL) Final pumping pressure of 700 PSI. Bump plug to 1100 PSI. Wait 2 mins. Release pressure. Float & plug held. Good circulation while cementing. Job complete. Rig down.

Plug R.H. w/ 20 sks
Centralizers on # 1, 5, 10, 20, 28

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1180.00	1180.00
C107	50	Mileage	5.00	250.00
C201	145 sks	Thick Set Cement	24.25	3516.25
C207	725#	Kolseal 5#/sk	.56	406.00
C208	290#	Phenoseal 2#/sk	1.55	449.50
C108B	7.98 Tons	Ton Mileage - 50 Miles	1.50	598.50
C1061	1	5 1/2" AFU Float Shoe w/ Latch Down Insert	364.00	364.00
C421	1	5 1/2" Latch Down Plug	285.00	285.00
C504	5	5 1/2" x 7 7/8" Centralizers	59.00	295.00
C222	1 1/2 Gals	KCL (In 1st 30 Bbl Displacement water)	32.00	48.00
		Thank You	Sub Total	7,392.25
			Less 5%	387.04
		6.5%	Sales Tax	348.64
			Total	7,353.85

Authorization _____ **Title** _____

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.