

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](mailto: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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Form	ACO1 - Well Completion
Operator	NEC Operating - Kansas, LLC
Well Name	WRANGLER 3
Doc ID	1718337

All Electric Logs Run

DIL
Micro
PE
Bore Hole Profile Log



# Sean Deenihan

## Petroleum Geologist

### GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY **NEC Operating - Kansas LLC**  
 LEASE **Wrangler #3**  
 FIELD **Wildcat**  
 LOCATION **625' FNL & 1965' FWL**  
 SEC **25** TWPSP **11S** RGE **22W**  
 COUNTY **Trego** STATE **Kansas**  
 CONTRACTOR **Pickrell Drilling Rig #10**  
 SPUD **2/19/23** COMP **2/25/23**  
 RTD **4070'** LTD **4071'**  
 MUD UP **3400'** TYPE MUD **Chemical**

ELEVATIONS  
 KB **2290'**  
 DF \_\_\_\_\_  
 GL **2283'**  
 Measurements Are All From Kelly Bushing

CASING  
 CONDUCTOR \_\_\_\_\_  
 SURFACE **8-5/8"** at **222'**  
 PRODUCTION **5-3/4"** at **1TD'**

ELECTRICAL SURVEYS  
 REFERENCE WELL **CND/DIL. MIC**

FORMATION

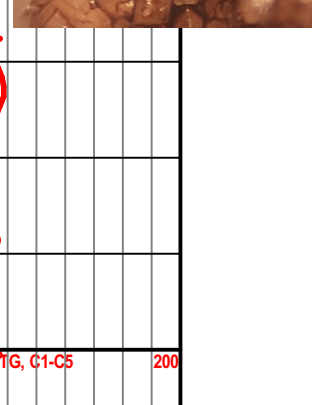
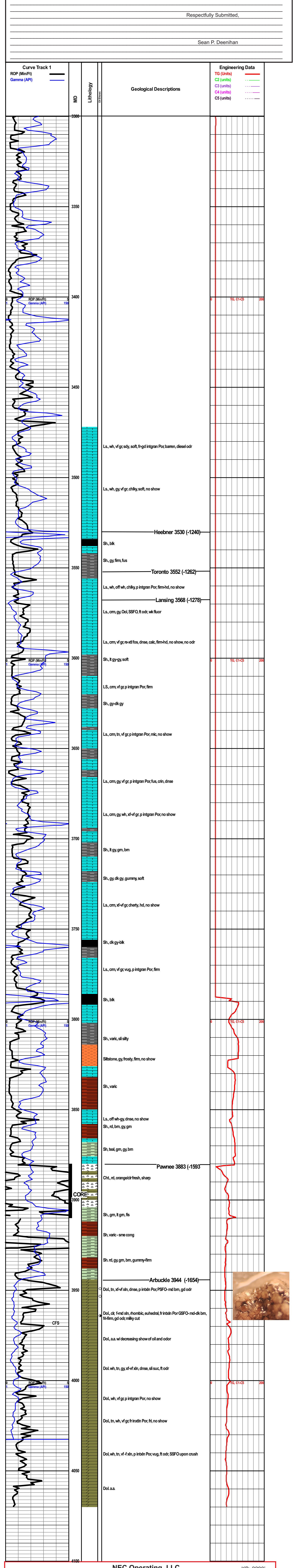
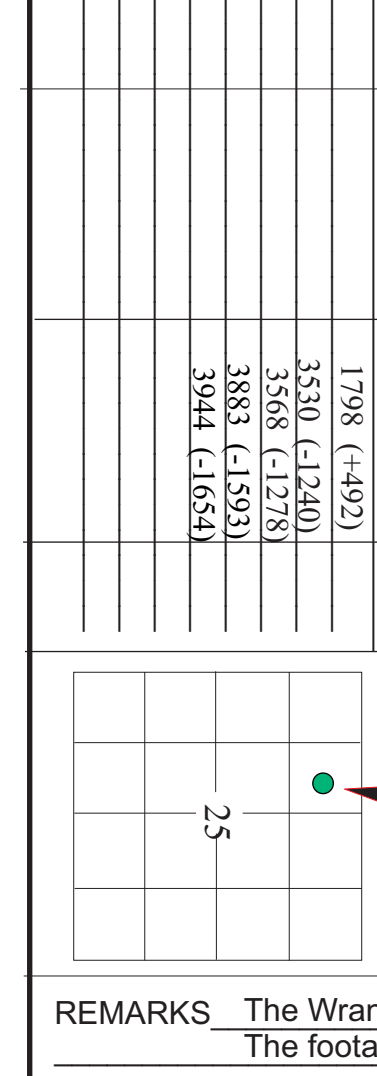
Formation	Sample Tops	E-log Tops	Struct. Fes.
Anhydrite		1798 (-492)	
Heebner Sh.		3530 (-1240)	
Lansing		3568 (-1278)	
Pawnee		3883 (-1593)	
Arbuckle		3944 (-1654)	

SAMPLES SAVED FROM **3400'** TO **RTD**  
 DRILLING TIME KEPT FROM **3400'** TO **RTD**  
 SAMPLES EXAMINED FROM **3400'** TO **RTD**  
 GEOLOGICAL SUPERVISION FROM **3400'**

REMARKS

The Wrangler #3 will be further evaluated through 5.5" casing.  
 The footage, elevation, and RTD are wrong on the Open hole logs.

Respectfully Submitted,  
 Sean P. Deenihan





416 Main Street  
 P.O. Box 225  
 Victoria, KS 67671  
 Office (785) 639-3949  
 24 Hour Service Line (785) 639-7269

# Invoice

Date	Invoice #
2/25/2023	0875

Please Pay from this Invoice.  
 Remit Payment to:  
 416 Main Street PO BOX 225  
 Victoria, KS 67671  
 Billing Questions-Call Tianna at  
 (785) 639-3949  
 Email: franksoilfield@yahoo.com

KCC License Number  
 35469

Bill To
NEC Operating - Kansas, LLC 542 Silicon Drive Suite 100 Southlake, TX 76092

County/State	Lease/Well#	Terms	Job Type
Trego County, KS	Wrangler #3	Net 30	Port Collar

Description	Quantity	Rate	Amount
Pump Charge	1	1,850.00	1,850.00
Mileage	64	6.50	416.00
13.22 tons at 64 miles	846.08	1.50	1,269.12
Thixo blend OWC	150	29.55	4,432.50T
60/40 8% gel 1/4# Flo-Seal	100	17.95	1,795.00T
5-1/2" Guide Shoe AFU	1	600.00	600.00T
5-1/2" Latchdown Plug & Assembly	1	695.00	695.00T
5-1/2" Turbalizer Centralizers	9	108.00	972.00T
5-1/2" Basket	3	385.00	1,155.00T
51/2 Stop Ring	3	35.00	105.00T
5-1/2" Port Collar	1	3,000.00	3,000.00T
Head & Manifold Charge	1	200.00	200.00T
Salt	100	0.50	50.00T
Discount		-826.98	-826.98

*Thank you!*

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

*We appreciate your business and look forward to serving you again!*

<b>Subtotal</b>	\$15,712.64
<b>Sales Tax (7.5%)</b>	\$926.57
<b>Balance Due</b>	\$16,639.21

# FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269  
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0875  
 LOCATION Hoxie  
 FOREMAN Tom Williams

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-25-23		Wrangler 3	25	PLS	22W	Trego
CUSTOMER NEL Operating - Kansas Lbl			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			

JOB TYPE Port Collar HOLE SIZE 7 7/8" HOLE DEPTH 4071 CASING SIZE & WEIGHT 5 1/2" 15.50#  
 CASING DEPTH 4069' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & ran float equipment. Set up on Prokroll.  
Hooked up head & manifold. Circulate thru mix 50 gal mud flush.  
Followed by Kch water. Mix 100 sy like - 30RH 70 down hole.  
Mix 150 sy PVC. Wash up & displace plug. Plug down 18:15 PM

*Thanks Tom & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL003	1	PUMP CHARGE <u>Port collar</u>	\$1850.00	\$1850.00
M001	64	MILEAGE	\$6.50	\$416.00
M002	13.22 hrs	<u>Tom Mileage Delivery</u>	\$12.69 <sup>12</sup>	\$12.69 <sup>12</sup>
CB030	150 sy	<u>Class A 1090 salt 28 gal Gopher 5# Kobsal</u>	\$29.55	\$4432.50
CB020	100 sy	<u>60140 89 gal 1/4# Hospal</u>	\$17.95	\$1795.00
FE0033	1	<u>5 1/2" AFU Guide shoe</u>	\$600.00	\$600.00
FE051	1	<u>latch down plug assy 5 1/2"</u>	\$695.00	\$695.00
FE014	9	<u>Turbolizers 5 1/2"</u>	\$108.00	\$972.00
FE022	3	<u>Baskets 5 1/2"</u>	\$385.00	\$1155.00
FE102	3	<u>stop rings 5 1/2"</u>	\$35.00	\$105.00
FE080	1	<u>5 1/2" port collar</u>	\$3000.00	\$3000.00
CE003	1	<u>5 1/2" Head &amp; man: Fold</u>	\$200.00	\$200.00
CP005	100 lbs	<u>salt</u>	\$1.50	\$150.00
			sub total	\$16,539.62
			less 5% disc.	\$821.98
			sub total	\$15,717.64
			SALES TAX	926.57
			ESTIMATED TOTAL	16639.21

AUTHORIZATION: [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.







# **CMS-300 CONVENTIONAL PLUG ANALYSIS**

**NEC Operating**  
Wrangler 3

Trego County, Kansas

**CL File Number: 202301222**

**Date: 21-Apr-2023**

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NEC Operating  
Wrangler 3  
Trego County, Kansas



CL File No.: 202301222  
Date: 21-Apr-2023  
Analyst(s): MP

### CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth (ft)	Net Confining Stress (psig)	Porosity (%)	Permeability		b(air) psi	Beta ft(-1)	Alpha (microns)	Saturation (*)		Grain Density (g/cm3)	Footnote
				Klinkenberg	Kair				Oil	Water		
				(md)	(md)				% Pore Volume			
1H	3881.10	2800	3.14	.00005	.0005	406.10	5.69E+18	8.81E+05	40.8	46.5	2.629	
2H	3881.90	2800	6.37	.002	.009	102.07	1.79E+15	1.33E+04	28.2	46.3	2.637	
3H	3883.20	2800	9.33	.006	.020	71.99	2.76E+14	5.40E+03	37.8	41.1	2.730	(1)
4H	3884.10	2800	10.75	.010	.030	59.50	1.05E+14	3.41E+03	47.6	38.9	2.736	
5H	3884.85	2800	10.43	.006	.021	70.44	2.46E+14	5.11E+03	35.8	41.0	2.638	
6H	3886.05	2800	10.21	.005	.018	75.66	3.57E+14	6.12E+03	38.5	41.0	2.631	
7H	3887.00	2800	12.96	.019	.051	48.95	1.73E+12	1.08E+02	38.3	38.2	2.620	
8H	3887.90	2800	12.73	.008	.024	65.37	1.69E+14	4.28E+03	13.6	46.7	2.631	
9H	3889.10	2800	3.25	.0002	.002	223.04	1.54E+17	1.19E+05	18.1	35.3	2.649	(1)
10H	3890.25	2800	7.97	.079	.157	25.35	1.44E+11	3.75E+01	28.0	36.0	2.681	
11H	3890.85	2800	8.25	.001	.006	123.01	5.08E+15	2.21E+04	21.7	46.7	2.695	
12H	3891.90	2800	4.93	.00006	.001	361.87	2.15E+18	4.50E+05	2.1	41.0	2.697	
13H	3893.00	2800	8.27	.001	.005	131.21	7.38E+15	2.67E+04	23.9	51.6	2.704	
14H	3894.25	2800	10.13	.002	.008	106.95	2.35E+15	1.53E+04	9.9	61.3	2.689	(1)
15H	3895.15	2800	15.17	.019	.049	46.39	2.99E+13	1.81E+03	21.1	46.6	2.686	
16H	3896.00	2800	15.81	.035	.081	35.43	1.10E+13	1.27E+03	33.1	33.5	2.689	
17H	3897.30	2800	2.98	.0004	.003	178.38	5.19E+16	7.66E+04	27.2	44.1	2.712	(1)
18H	3897.85	2800	11.83	.011	.034	63.61	1.42E+13	5.04E+02	23.4	42.6	2.696	
19H	3899.25	2800	10.20	.212	.290	7.94	1.99E+12	1.37E+03	9.9	63.7	2.643	(1)
20H	3899.90	2800	11.80	.068	.136	26.35	2.65E+11	5.78E+01	41.5	31.1	2.644	
21H	3901.20	2800	8.76	.001	.007	118.03	4.02E+15	1.98E+04	9.5	46.7	2.650	
22H	3901.90	2800	10.20	.018	.047	47.53	3.27E+13	1.87E+03	2.5	42.8	2.650	(1)
23H	3903.65	2800	9.39	.007	.022	68.54	2.13E+14	4.75E+03	1.6	73.2	2.689	(1)
24H	3904.40	2800	8.08	.012	.035	54.45	6.73E+13	2.74E+03	1.3	86.0	2.724	(1)

NEC Operating  
 Wrangler 3  
 Trego County, Kansas



CL File No.: 202301222  
 Date: 21-Apr-2023  
 Analyst(s): MP

### CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth (ft)	Net Confining Stress (psig)	Porosity (%)	Permeability		b(air) psi	Beta ft(-1)	Alpha (microns)	Saturation (*)		Grain Density (g/cm3)	Footnote
				Klinkenberg	Kair				Oil	Water		
				(md)	(md)				% Pore Volume			
25H	3905.30	2800	9.39	.001	.004	144.22	1.26E+16	3.46E+04	4.6	55.3	2.654	(1)
26H	3906.00	2800	11.06	.007	.023	67.50	1.97E+14	4.58E+03	0.9	68.2	2.690	(1)
27H	3907.00	2800	1.98	N/A	N/A	N/A	N/A	N/A	0.3	66.5	2.718	(2)
28H	3908.50	2800	9.78	.003	.013	88.98	8.39E+14	9.21E+03	0.2	79.8	2.693	(1)
29H	3909.05	2800	6.43	.003	.013	88.82	8.29E+14	9.14E+03	0.4	79.1	2.749	
30H	3909.70	2800	3.20	.030	.072	37.89	1.39E+13	1.37E+03	8.7	53.5	2.727	(1)

Footnotes :

(1) : Denotes fractured or chipped sample. Permeability and/or porosity may be optimistic.

(2) : Sample permeability below the measurement range of CMS-300 equipment at indicated net confining stress (NCS). Data unavailable.

(\*) : Saturations are potentially impacted by evaporative losses due to core processing in the field where core was placed directly into cardboard boxes without utilizing the ziplock bags provided.

Permeability greater than 0.1 mD measured using helium gas. Permeability less than 0.1 mD measured using nitrogen gas. All b values converted to b (air)





## CMS-300 CONVENTIONAL PLUG ANALYSIS PROTOCOL

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### **Sample Preparation**

1.5" diameter plugs were drilled with nitrogen gas, except for samples 9, 12, 22, 27 & 30, where water was utilized. Samples were trimmed into right cylinders with a diamond-blade trim saw. All sample trims were archived.

### **Core Extraction**

Plugs selected for routine core analysis were placed in Dean Stark equipment using toluene, followed by Soxhlet extraction cycling between a chloroform / methanol (87:13) azeotrope and methanol.

### **Sample Drying**

Samples were oven dried at 240° F to weight equilibrium (+/- 0.01 g).

### **Porosity**

Porosity was determined using Boyle's Law technique by measuring grain volume at ambient conditions & pore volume at indicated net confining stresses (NCS).

### **Grain Density**

Grain density values were calculated by direct measurement of grain volume and weight on dried plug samples. Grain volume was measured by Boyle's Law technique.

### **Permeability**

Permeability to air was measured on each sample using unsteady-state method at indicated NCS.

### **Fluid Saturations**

Fluid saturations were determined by the Dean Stark technique using the following fluid properties:

Brine	1.116 g/cc (162500 ppm TDS)
Oil	0.842 g/cc (36.6° API)



**CMS-300 CONVENTIONAL PLUG ANALYSIS**

Sample Number	Depth ft	Net Confining Stress psig	Pore Volume cm3	Porosity %	Permeability		Grain Volume cm3	Grain Density g/cm3	Dry Weight g	Length cm	Diameter cm	Fresh Weight g
					Klinkenberg	Kair						
					(md)	(md)						
1H	3881.10	2800	1.262	3.14	.00005	.0005	38.946	2.629	102.379	3.863	3.695	103.467
2H	3881.90	2800	3.571	6.37	.002	.009	52.483	2.637	138.410	5.186	3.762	141.104
3H	3883.20	2800	4.933	9.33	.006	.020	47.971	2.730	130.974	5.164	3.669	134.806
4H	3884.10	2800	5.761	10.75	.010	.030	47.836	2.736	130.892	5.169	3.732	135.702
5H	3884.85	2800	5.978	10.43	.006	.021	51.336	2.638	135.409	5.276	3.755	139.951
6H	3886.05	2800	5.724	10.21	.005	.018	50.335	2.631	132.445	5.189	3.727	136.920
7H	3887.00	2800	7.264	12.96	.019	.051	48.775	2.620	127.796	5.174	3.733	133.233
8H	3887.90	2800	6.848	12.73	.008	.024	46.939	2.631	123.480	5.141	3.679	127.833
9H	3889.10	2800	1.853	3.25	.0002	.002	55.158	2.649	146.139	5.248	3.774	147.151
10H	3890.25	2800	2.666	7.97	.079	.157	30.794	2.681	82.574	3.130	3.732	84.274
11H	3890.85	2800	4.567	8.25	.001	.006	50.796	2.695	136.919	5.232	3.694	140.134
12H	3891.90	2800	3.220	4.93	.00006	.001	62.167	2.697	167.688	5.888	3.774	169.218
13H	3893.00	2800	4.754	8.27	.001	.005	52.706	2.704	142.526	5.226	3.776	146.222
14H	3894.25	2800	4.697	10.13	.002	.008	41.680	2.689	112.097	4.210	3.786	115.704
15H	3895.15	2800	8.466	15.17	.019	.049	47.346	2.686	127.184	5.278	3.707	133.093
16H	3896.00	2800	7.324	15.81	.035	.081	38.995	2.689	104.871	4.314	3.727	109.647
17H	3897.30	2800	0.847	2.98	.0004	.003	27.559	2.712	74.752	2.579	3.784	75.363
18H	3897.85	2800	5.634	11.83	.011	.034	41.977	2.696	113.169	4.288	3.788	116.957
19H	3899.25	2800	3.350	10.20	.212	.290	29.508	2.643	78.000	3.054	3.741	80.659
20H	3899.90	2800	6.681	11.80	.068	.136	49.939	2.644	132.041	5.246	3.736	136.699
21H	3901.20	2800	4.908	8.76	.001	.007	51.146	2.650	135.549	5.174	3.754	138.499
22H	3901.90	2800	6.122	10.20	.018	.047	53.924	2.650	142.924	5.463	3.775	145.977
23H	3903.65	2800	5.172	9.39	.007	.022	49.938	2.689	134.282	5.158	3.722	138.576
24H	3904.40	2800	3.411	8.08	.012	.035	38.809	2.724	105.719	3.979	3.701	109.030
25H	3905.30	2800	5.211	9.39	.001	.004	50.265	2.654	133.416	5.242	3.724	136.831

NEC Operating  
 Wrangler 3  
 Trego County, Kansas



CL File No.: 202301222  
 Date: 21-Apr-2023  
 Analyst(s): MP

### CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth ft	Net Confining Stress psig	Pore Volume cm3	Porosity %	Permeability		Grain Volume cm3	Grain Density g/cm3	Dry Weight g	Length cm	Diameter cm	Fresh Weight g
					Klinkenberg	Kair						
					(md)	(md)						
26H	3906.00	2800	6.181	11.06	.007	.023	49.719	2.690	133.759	5.234	3.722	138.508
27H	3907.00	2800	0.802	1.98	N/A	N/A	39.658	2.718	107.800	3.716	3.771	108.397
28H	3908.50	2800	5.480	9.78	.003	.013	50.569	2.693	136.170	5.192	3.731	141.061
29H	3909.05	2800	3.641	6.43	.003	.013	52.976	2.749	145.628	5.282	3.712	148.854
30H	3909.70	2800	1.995	3.20	.030	.072	60.266	2.727	164.323	5.709	3.742	165.660



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513

Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Susan K. Duffy, Chair  
Dwight D. Keen, Commissioner  
Andrew J. French, Commissioner

Laura Kelly, Governor

June 22, 2023

Lonnie Lumpkins  
NEC Operating - Kansas, LLC  
542 SILICON DR SUITE 100  
SOUTHLAKE, TX 76092-7509

Re: ACO-1  
API 15-195-23156-00-00  
WRANGLER 3  
NW/4 Sec.25-11S-22W  
Trego County, Kansas

Dear Lonnie Lumpkins:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 2/20/2023 and the ACO-1 was received on June 22, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department