

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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Form	ACO1 - Well Completion
Operator	NEC Operating - Kansas, LLC
Well Name	MISSY 1
Doc ID	1711959

Tops

Name	Top	Datum
Anhydrite	1096	1001
Base/Anhy.	1109	987
Heebner	3798	1701
Lansing	3963	1866
Stark	4189	2092
Marm	4313	2216
Chero. Sh	4423	2326
Miss	4443	2346
Kinder. Sd	4505	2408
Viola	4570	2473
Arbuckle	4850	2743



Company: NEC Operating - Kansas,  
Address: 2516 GRAVEL DRIVE,  
Fort Worth, TX 76118-6974

Contact Geologist: Grant Norwood  
Contact Phone Nbr: (817) 475-8323  
Well Name: Missy #1  
Location: Sec: 16-T16S-R16W  
API: 15-047-21667-00-00  
Pool: Oil  
State: Kansas  
Field: Wil  
Country: USA

Scale 1:240 Imperial

Well Name: Missy #1  
Surface Location: Sec: 16-T16S-R16W  
Bottom Location: 330' FSL\_330 FEL  
API: 15-047-21667-00-00  
License Number: 35920  
Spud Date: 1/9/2023  
Region: Edwards, County  
Drilling Completed: 1/18/2023  
Surface Coordinates: 1100' FSL & 1100' FEL  
Bottom Hole Coordinates:  
Ground Elevation: 2089.00ft  
K.B. Elevation: 2097.00ft  
Logged Interval: 3300.00ft To: 0.00ft  
Total Depth: 3971.00ft  
Formation: Lansing/Kansas City  
Drilling Fluid Type: Chemical (MudCo)

**SURFACE CO-ORDINATES**

Well Type: Vertical  
Longitude:  
Latitude:  
N/S Co-ord: 1100' FSL  
E/W Co-ord: 1100' FEL

**LOGGED BY**

Company: DBA: Patrick J. Deenihan  
Address: 7409 E. Cedaridge Circ.  
Wichita, KS 67226  
Phone Nbr: (316)-619-5574  
Logged By: Geologist Name: Patrick J Deenihan

**CONTRACTOR**

Contractor: Fossil Drilling  
Rig #: 5  
Rig Type: mud rotary  
Spud Date: 1/9/2023  
TD Date: 1/18/2023  
Rig Release: 1/19/2023  
Time: 3:00 PM  
Time: 12:00 AM  
Time: 5:00 PM

**ELEVATIONS**

K.B. Elevation: 2097.00ft  
K.B. to Ground: 8.00ft  
Ground Elevation: 2089.00ft

**NOTES**

Surface Casing: 8-5/8" at 309' Missy #1 SEC.- 16-T26S-R16W  
Production Casing: 5.5" at 4850' SE-SE-SE  
KB : 2097'

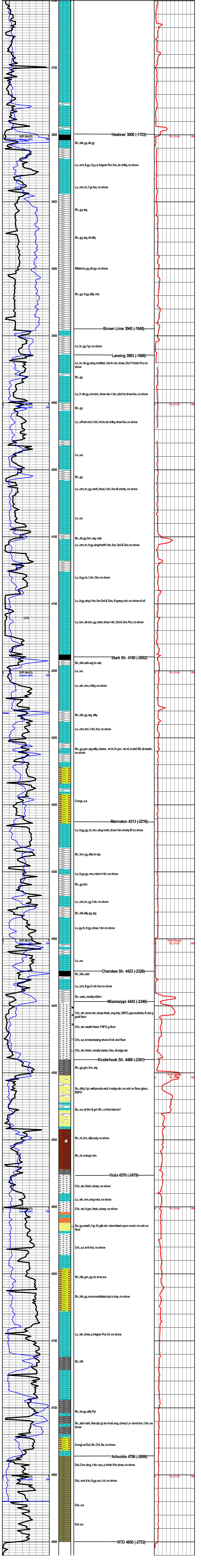
Daily Penetration:  
01/09/23 SPUD @ 4:00 p.m  
01/10/23 Drilling @ 310' Set Surface  
01/11/22 823'  
01/12/23 2090'  
01/13/23 3000'  
01/14/23 3810' \*\*\*\*\*  
01/15/23 4160' \*\*\*\*\*  
01/16/23 4570' \*\*\*\*\*  
01/17/23 4850' \*\*\*\*\*

**GEOLOGICAL TOPS**

Formation	Sample Top	Datum	Log	Datum	Comparison*
Anhydrite	1096'	+1001	1096	+1001	N?A
Base/Anhy.	1109'	+987	1109	+987	N?A
Heebner	3798'	-1701	3798'	-1701	+1
Brn. Lime	3946'	-1849	3946'	-1849	+2
Lansing	3963'	-1866	3963'	-1866	+1
Stark	4189'	-2092	4189'	-2092	+1
Marm.	4313'	-2216	4313'	-2216	+1
Chero.Sh	4423'	-2326	4423'	-2326	+1
Miss.	4443'	-2346	4443'	-2346	+1
Kinder.Sd.	4505'	-2408	4508'	-2408	+1
Viola	4570'	-2473	4570	-2473	+1
Arb.	4850'	-2743	4850	-2743	No Reference

**Well Comparison**

Ref. Well : Toto Energy,LLC.'s - Norwegian Wood #1 (660' FSL & 660' FWL)  
Sec. 15- 26S-16W, Edwards County, Kansas

















**TREATMENT REPORT**

Customer: <b>NEC OPERATING-KANSAS LLC</b>	Well: <b>MISSY 1</b>	Ticket: <b>WP3849</b>
City, State: <b>ST. JOHN KS</b>	County: <b>EDWARDS KS</b>	Date: <b>1/18/2023</b>
Field Rep: <b>CHUCK TONER</b>	S-T-R: <b>16-26S-16W</b>	Service: <b>LONGSTRING</b>

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	ft
Casing Size:	5 1/2 in
Casing Depth:	4727 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	3213
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	H-LONG
Weight:	15.0 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.42 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	37.9 bbls
Total Sacks:	150 sx

Calculated Slurry - Tail	
Blend:	H-LONG
Weight:	15 ppg
Water / Sx:	5.8 gal / sx
Yield:	1.43 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	36.2 bbls
Total Sacks:	150 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
12:20 PM			-	-	ON LOCATION
12:45 PM			-	-	RUN 5 1/2 15.5# CASING, DV TOOL TOP OF 37 BASKET ON 1,2, 38, 39 TUBOS ON 1,2,5,10, 34, 35, 38,39 SHOE JOINT 42.25'
3:40 AM			-	-	CASING ON BOTTOM
3:48 AM			-	-	HOOK TO CASING, BREAK CIRCULATION WITH RIG
5:15 AM	4.5	370.0	22.0	22.0	PUMP 12 BBL MUDFLUSH AND PUMP 10 BBL KCL WATER
5:21 AM	4.0	260.0	38.0	60.0	MIX 150 SKS H-LONG
5:31 AM	4.0	25.0	4.0	64.0	WASH PUMP AND LINE/ DROP PLUG
5:37 AM	5.0	210.0		64.0	START DISPLACEMENT
5:56 AM	5.0	270.0	90.0	154.0	LIFT PRESSURE
6:00 AM	3.5	350.0	100.0	254.0	SLOW RATE
6:05 AM		1,500.0	111.5	365.5	PLUG DOWN
6:09 AM				365.5	DROP OPENING TOOL
6:29 AM		640.0	3.0	368.5	OPEN DV TOOL
6:35 AM				368.5	CIRCULATE
8:56 AM	5.0	200.0	12.0	380.5	PUMP 12 BBL MUDFLUSH
9:00 AM	5.0	200.0	10.0	390.5	PUMP 10 BBL KCL WATER
9:02 AM	5.0	260.0	38.0	428.5	MIX 150 SKS H-LONG
9:15 AM	4.0	25.0	4.0	432.5	WASH PUMP AND LINE/DROP CLOSING PLUG
9:18 AM	5.3	220.0		432.5	START DISPLACEMENT
9:29 AM	5.0	370.0	50.0	482.5	LIFT PRESSURE
9:33 AM	3.5	400.0	70.0	552.5	SLOW RATE
9:35 AM		1,540.0	76.5	629.0	PLUG DOWN, TOOL CLOSED RELEASED AND HELD
9:40 AM	2.0	25.0	7.0	636.0	MIX 30 SKS H-PLUG A FOR RAT HOLE
9:45 AM	2.0	25.0	5.0	641.0	MIX 20 SKS H-PLUG A FOR MOUSE HOLE
				641.0	CIRCULATION THRU JOB
				641.0	JOB COMPLETE, THANK YOU! MIKE MATTAL
				641.0	AUSTIN & JOSE

mix 3

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	912	Average Rate	Average Pressure	Total Fluid
Pump Operator:	CLIFTON	182/521	4.2 bpm	383 psl	641 bbls
Bulk #1:	TREVINO	525/532			
Bulk #2:					



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

May 22, 2023

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

Re: ACO-1  
API 15-047-21667-00-00  
MISSY 1  
SE/4 Sec.16-26S-16W  
Edwards 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 01/09/2023 and the ACO-1 was received on May 19, 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