

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)</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	Farmer, John O., Inc.
Well Name	NIELSEN B 1
Doc ID	1564134

All Electric Logs Run

Compensated Density/Neutron Log
Micro Log
Dual Induction Log
Dual Receiver Cement Bond Log

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	NIELSEN B 1
Doc ID	1564134

Tops

Name	Top	Datum
Mississippi	2427'	(-1100)
Kinderhook	2785'	(-1458)
Hunton	2922'	(-1595)
Maquoketa	2942'	(-1615)
Viola	3015'	(-1688)
Simpson Sand	3116'	(-1789)
Arbuckle	3164'	(-1837)
L.T.D.	3240'	(-1913)



DRILL STEM TEST REPORT

Prepared For: **John O. Farmer, Inc**

PO Box 352
Russel, KS 67665-0352

ATTN: John O. Farmer IV/Au

Nielsen B #1

25-16S-10E Lyon,KS

Start Date: 2020.11.24 @ 23:35:00

End Date: 2020.11.25 @ 08:33:49

Job Ticket #: 66617 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.11.25 @ 10:45:37

John O. Farmer, Inc
25-16S-10E Lyon,KS
Nielsen B #1
DST # 1
Simpson Sand
2020.11.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O. Farmer, Inc

25-16S-10E Lyon, KS

PO Box 352
Russel, KS 67665-0352

Nielsen B #1

Job Ticket: 66617

DST#: 1

ATTN: John O. Farmer IV/Au

Test Start: 2020.11.24 @ 23:35:00

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:09:00

Time Test Ended: 08:33:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 80

Interval: 3114.00 ft (KB) To 3125.00 ft (KB) (TVD)

Reference Elevations: 1327.00 ft (KB)

Total Depth: 3125.00 ft (KB) (TVD)

1315.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 159.70 psig @ 3115.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2020.11.24 End Date: 2020.11.25

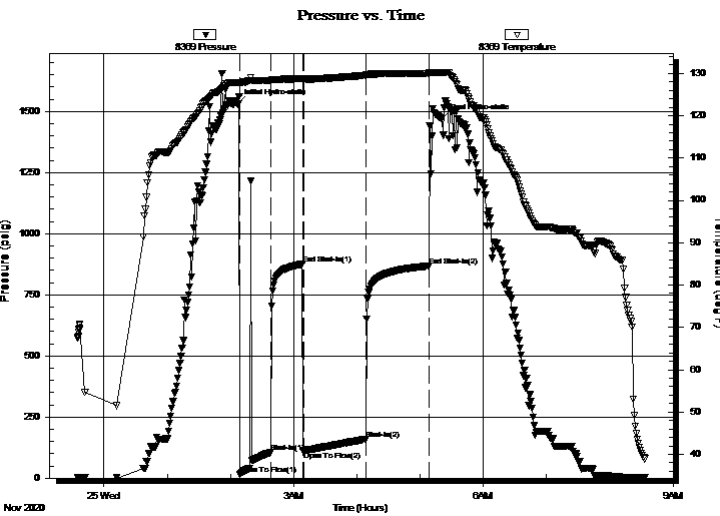
Last Calib.: 2020.11.24

Start Time: 23:35:01 End Time: 08:33:49

Time On Btm: 2020.11.25 @ 02:07:10

Time Off Btm: 2020.11.25 @ 05:21:00

TEST COMMENT: IF - No blow throughout intial flow period. Flushed tool. No help.
FF - No blow throughout final flow period.
No blow due to leak and hose joint.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1530.56	127.89	Initial Hydro-static
2	16.55	127.61	Open To Flow (1)
32	106.59	128.34	Shut-In(1)
62	877.16	128.76	End Shut-In(1)
63	111.50	128.58	Open To Flow (2)
122	159.70	129.52	Shut-In(2)
182	868.08	130.02	End Shut-In(2)
194	1469.89	130.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	HOCM 31%O & 69%M	0.12
350.00	Clean Oil 100%O	2.93

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer, Inc

25-16S-10E Lyon,KS

PO Box 352
Russel, KS 67665-0352

Nielsen B #1

Job Ticket: 66617

DST#: 1

ATTN: John O. Farmer IV/Au

Test Start: 2020.11.24 @ 23:35:00

Tool Information

Drill Pipe:	Length: 2880.00 ft	Diameter: 3.80 inches	Volume: 40.40 bbl	Tool Weight: 1900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 23000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 41.59 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3114.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3095.00	
Shut In Tool	5.00			3100.00	
Hydraulic tool	5.00			3105.00	
Packer	5.00			3110.00	20.00 Bottom Of Top Packer
Packer	4.00			3114.00	
Stubb	1.00			3115.00	
Recorder	0.00	8369	Outside	3115.00	
Recorder	0.00	8846	Inside	3115.00	
Perforations	5.00			3120.00	
Bullnose	5.00			3125.00	11.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O. Farmer, Inc

25-16S-10E Lyon,KS

PO Box 352
Russel, KS 67665-0352

Nielsen B #1

Job Ticket: 66617

DST#: 1

ATTN: John O. Farmer IV/Au

Test Start: 2020.11.24 @ 23:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
25.00	HOCM 31%O & 69%M	0.123
350.00	Clean Oil 100%O	2.933

Total Length: 375.00 ft

Total Volume: 3.056 bbl

Num Fluid Samples: 0

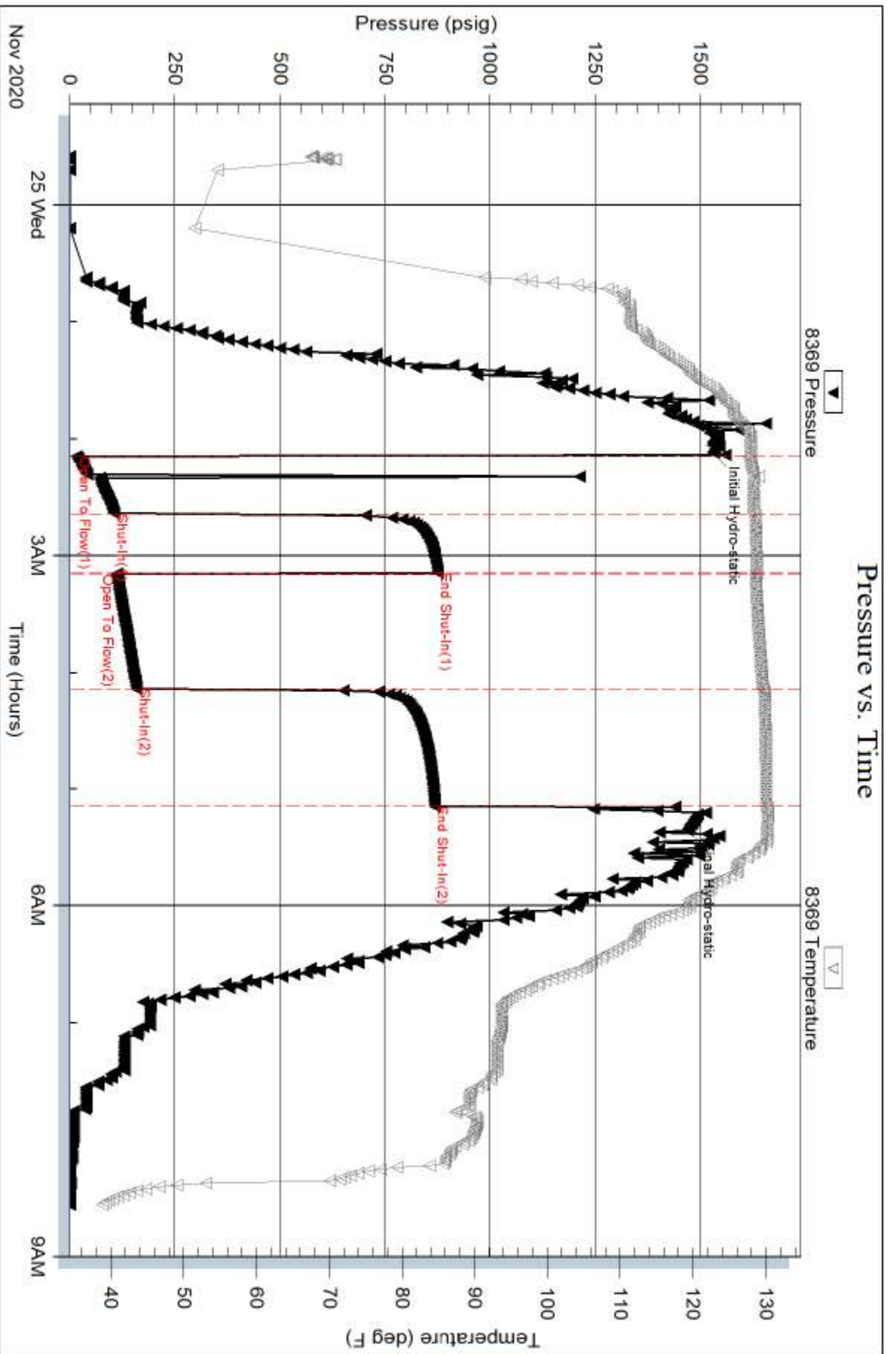
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



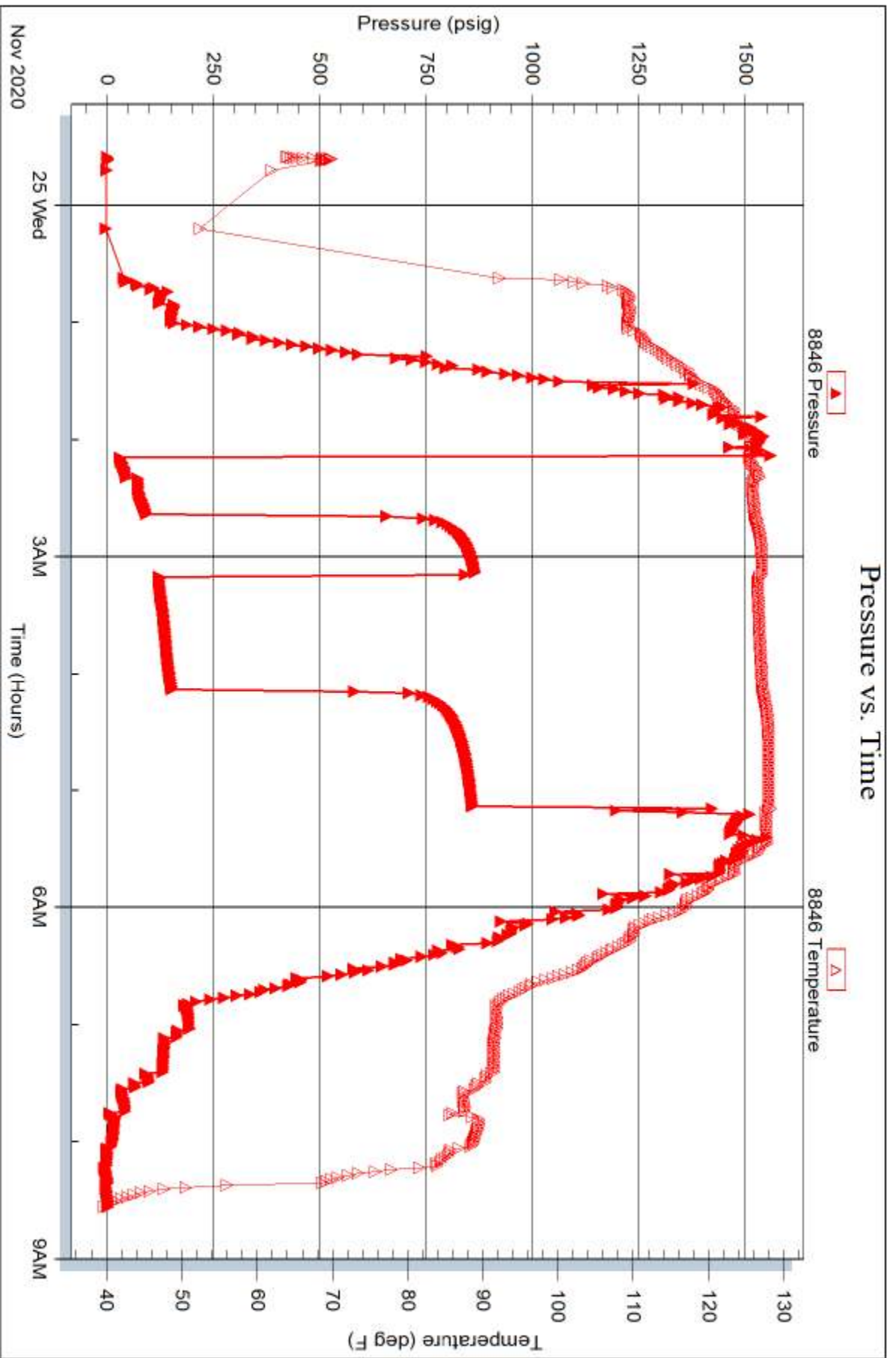
Serial #: 8846

Inside

John O. Farmer, Inc

Nielsen B #1

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66617

NO.

Well Name & No. Nielsen B #1 Test No. 1 Date 11-25-20
 Company John O. Farmer, Inc. Elevation 1327 KB 1315 GL
 Address 370 W. Wichita Avenue P.O. Box 352 Russel, KS, 67665-0352
 Co. Rep / Geo. John O. Farmer III / Austin Klaus Rig Lighthouse Drilling #1
 Location: Sec. 25 Twp 16 S Rge. 10 E Co. Lyons State KS

Interval Tested 3114-3125 Zone Tested Simpson Sand
 Anchor Length 11' Drill Pipe Run 2880 Mud Wt. 9.2
 Top Packer Depth 3109 Drill Collars Run 242 Vis 52
 Bottom Packer Depth 3114 Wt. Pipe Run 0 WL 8.8
 Total Depth 3125 Chlorides 500 ppm System LCM
 Blow Description IF- No blow. Flushed tool. 2 inch Blow dying to nothing
FF- No blow
No blow due to leak at hose junction.

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>HOCM</u>		<u>31</u>		<u>69</u>
<u>350</u>	<u>Clean Oil</u>		<u>100</u>		

Rec Total 375 BHT 130 Gravity 29.2 API RW @ _____ °F Chlorides _____ ppm
 Test 1200 T-On Location 2230
 Jars _____ T-Started 2335
 Safety Joint _____ T-Open 0209
 Circ Sub _____ T-Pulled 0509
 Hourly Standby _____ T-Out 0815
 Mileage 344rt RT 218 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer 250 EM Tool _____
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1794
 Sub Total 1794 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60

Approved By Austin B Klaus Our Representative Jimmy [Signature]

TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



AUSTIN B. KLAUS



Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

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

Well Name: Nielsen B #1
API: 15-111-20549-00-00
Location: Lyon County
License Number:
Spud Date: 11/18/2020
Surface Coordinates: 920' FSL & 540' FWL
Bottom Hole Coordinates: Vertical well w/ minimal deviation, same as above
Ground Elevation (ft): 1,315
Logged Interval (ft): 2,400
Formation: Mississippian - Arbuckle
Type of Drilling Fluid: Chemical (Andy's)

Region: Kansas
Drilling Completed: 11/25/2020

K.B. Elevation (ft): 1,327
Total Depth (ft): 3,237
To: RTD

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

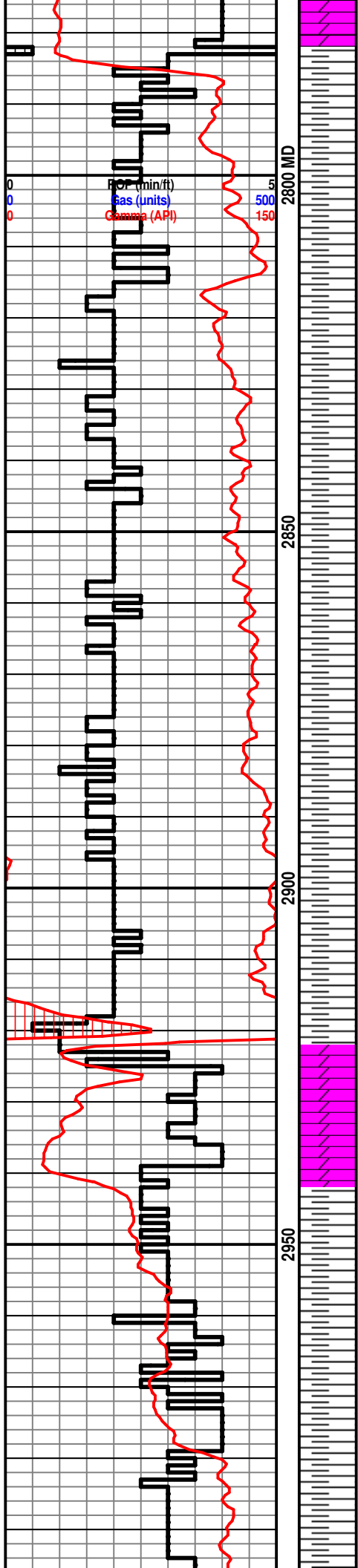
OPERATOR

Company: John O. Farmer, Inc.
Address: 370 W. Wichita Ave.
Russell, KS 67665

Comments

The Nielsen B #1 well was drilled by Lighthouse Drilling Rig #1 (Tool Pusher: Charlie Coulter).

The location for the Nielsen B #1 was discovered via 3D seismic. Drilling time was recorded and rock samples were gathered and evaluated from 2,750' - 3,237'. Oil shows were encountered in the Hunton, Viola, & Simpson Sand. Structurally, the Mississippian top was picked 2' low to the comparison well (Nielsen #1, John O. Farmer, Inc.). Structure remained consistent below the Mississippian formation, which resulted in a Simpson Sand formation that was 3' low to the comparison well. The oil shows that occurred in the Hunton and Viola formations were deemed not worthy of drill stem testing, as both formations had been tested in the Nielsen #1 and yielded negative results. A drill stem test was conducted over the main Simpson Sand pay zone, which yielded 350' of clean oil and 870# bottom-hole pressure. After evaluation of all oil shows, DST results, & electric logs, it was decided that 5 1/2" production casing be set to further evaluate the Nielsen B #1



Kinderhook 2783' (-1456)

Sh: drk gry, brn, scat blk

Sh: ala

Sh: drk gry, soft

Sh: lt-drk gry, soft

Sh: ala

Sh: lt-drk gry, soft

Sh: lt gry, soft

Sh: lt gry-blk, soft

Hunton 2917' (-1590)

Dolo: off wh, fn xln, ool, poor-fair int ool porosity, scat-fair oil stn in porosity, VSSFO, fair odor, dull yel fluor

Maquoketa 2938' (-1611)

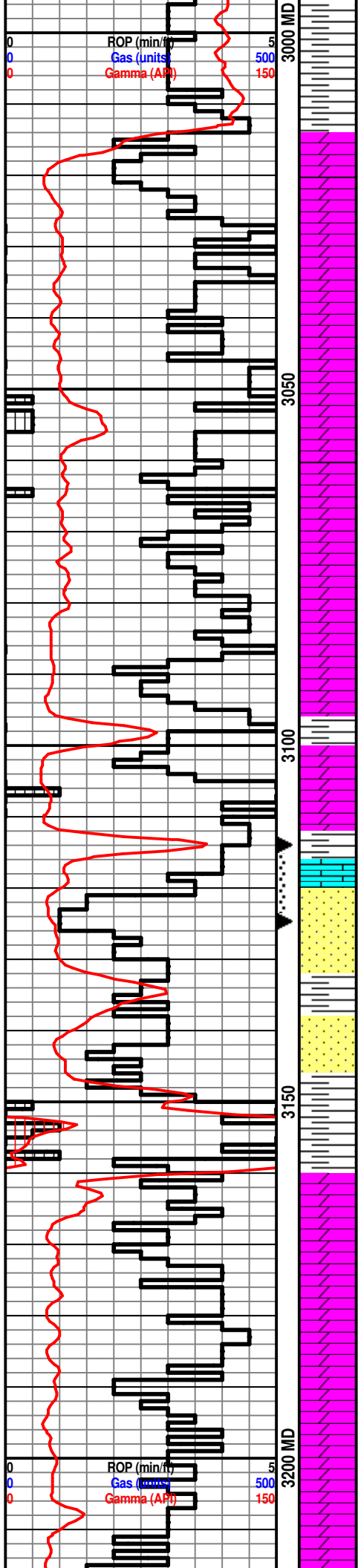
Sh: lt-drk gry

Sh: ala

Sh: drk gry

Sh: drk gry, scat sltst

Wt: 9.2
Vis: 52



Viola 3006' (-1679)

Dolo: off wh-gry, fn-md xln, fair-scat good int xln porosity, hvy tarry oil in porosity, sl odor

Dolo: off wh-lt gry, fn-md xln, fair-good int xln porosity, NSFO

Dolo: tan-gry, fn-sub xln, mostly DNS, NSFO, scat chert, trip

Dolo: ala

Dolo: tan-gry, fn-sub xln, DNS, scat chert, trip, NSFO

Dolo: ala

Simpson Dolo 3095' (-1768)

Dolo: tan-brn, fn-md xln, poor-fair int xln porosity, fair-good oil sat, SSFO, sl-fair odor, fair yel fluor

Simpson Sand 3112' (-1785)

Ss: qtz, off wh, fn-md grn, poor-fair sorting, fair-good int grn porosity, friable, mostly rnd, good oil sat, GSFO, good odor, fair-good yel fluor

Ss: qtz, off wh, fn-md grn, fair sorting, fair int grn porosity, mostly rnd, sl oil sat, SSFO, sl odor

Ss: qtz, off wh, fn-md grn, sub rnd, poor int grn porosity, barren, scat sh: lt gry-grn

Sh: drk gry-blk

Arbuckle 3159' (-1832)

Dolo: tan-gry, fn-sub xln, DNS, scat chalk

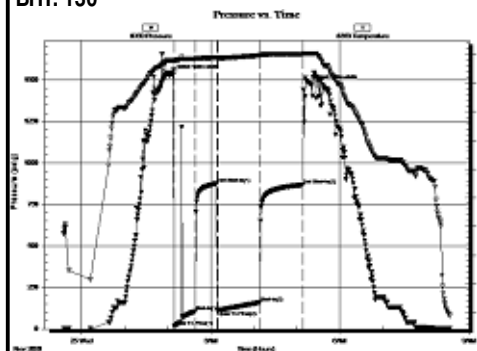
Dolo: ala

Dolo: tan-gry-brn, fn-sub xln, DNS, scat chalk, scat chert-off wh

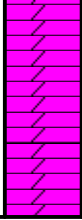
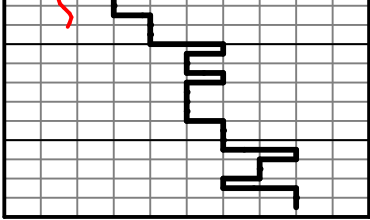
Dolo: ala

Dolo: tan-gry-brn, fn-sub xln, DNS, hvy chert-trip

DST #1 3,114 - 3,125' Simpson Sand
30"-30"-60"-60"
IF: No blow, leaking hose joint
FF: No blow, leaking hose joint
Rec: 350' Clean Oil (29 API)
25' Heavy Oil Cut Mud (31% O, 69% M)
FP: 17-107, 112-160#
SIP: 877-868#
HP: 1,531-1,470#
BHT: 130



Wt: 9.1
Vis: 52



Dolo: ala



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2081

Date <u>11/26/2020</u>	Sec. <u>25</u>	Twp. <u>16</u>	Range <u>10</u>	County <u>Lyon</u>	State <u>Kansas</u>	On Location	Finish <u>11:45 am</u>
Lease <u>Nielsen B</u>				Well No. <u>1</u>	Owner <u>K E NINTO</u>		
Contractor <u>Lighthouse Drilling</u>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job <u>Long string</u>	Hole Size <u>7 7/8</u>			T.D. <u>3238</u>	Charge To <u>J.O. Farmer</u>		
Csg. <u>5 1/2</u>	Depth <u>3236</u>			Street			
Tbg. Size	Depth			City		State	
Tool	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>25.54</u>	Shoe Joint <u>25.54</u>			Cement Amount Ordered <u>170 com 10% salt 5% g. lsomite</u>			
Meas Line	Displace <u>78 bbl</u>			<u>500 gal mud clear 18 barrel KCL</u>			
EQUIPMENT				Common <u>170</u>			
Pumptrk <u>17</u> No.	Cementer Helper <u>Tim</u>			Poz. Mix			
Bulktrk <u>9</u> No.	Driver <u>Doug</u>			<u>2 gal KCL 2 gal</u>			
Bulktrk <u>PH</u> No.	Driver <u>David</u>			Calcium			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt <u>15</u>			
Rat Hole <u>30 sks</u>				Flowseal <u>750#</u>			
Mouse Hole <u>15 sks</u>				Kol-Seal <u>750#</u>			
Centralizers <u>1, 3, 9, 9</u>				Mud CLR 48 <u>500 gal</u>			
Baskets <u>11</u>				CFL-117 or CD110 <u>CAF 38</u>			
D/V or Port Collar				Sand			
<u>5 1/2 set at 3236'</u>				Handling <u>185</u>			
<u>Ran 5 1/2 casing and est. circulation</u>				Mileage			
FLOAT EQUIPMENT							
<u>Mixed 9 barrel KCL followed by</u>				Guide Shoe			
<u>500 gal mud clear</u>				Centralizer <u>5</u>			
<u>(Cemented 5 1/2 with 125 sks)</u>				Baskets <u>1</u>			
<u>displaced first 9 barrel KCL followed</u>				AFU Inserts			
<u>by 69 barrel water</u>				Float Shoe <u>1</u>			
				Latch Down <u>1</u>			
<u>Lift Pressure at 600 PSI</u>							
<u>Landed plug at 1500 PSI</u>							
				Pumptrk Charge <u>prod string</u>			
				Mileage <u>80</u>			
				Tax			
				Discount			
				Total Charge			
X Signature <u>Jim Wesely</u>				<u>Thanks</u>			

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2075

Date	11/18/2020	Sec.	25	Twp.	16	Range	10	County	Lyon	State	Kansas	On Location		Finish	3:46pm		
Lease								Well No.		Location							
Nielsen B								1		Council Grove 12 E to Rd F 2 1/2 S to 320 rd							
Contractor								Owner									
Lighthouse Drilling								Y E Niato									
Type Job								To Quality Oilwell Cementing, Inc.									
Surface								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size				T.D.				Charge To									
12 1/4				234'				J.O. Farmer									
Csg.				Depth				Street									
8 5/8				229													
Tbg. Size				Depth				City				State					
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered									
15'				15'				160 80% 3% CC 2% Gel									
Meas Line				Displace													
EQUIPMENT								Common									
Pumptrk 17 No. Cementer								130									
Helper								Tm									
Bulktrk 21 No. Driver								30									
Driver								Doug									
Bulktrk P.U. No. Driver								3									
Driver								David									
Calcium								6									
JOB SERVICES & REMARKS								Hulls									
Remarks:								Salt									
Rat Hole								Flowseal									
Mouse Hole								Kol-Seal									
Centralizers								Mud CLR 48									
Baskets								CFL-117 or CD110 CAF 38									
D/V or Port Collar								Sand									
								Handling 169									
Ran 8 5/8 casing est. Circulation								Mileage									
Cemented 8 5/8 with 160 sks								FLOAT EQUIPMENT									
								Guide Shoe									
								Centralizer									
								Baskets									
								AFU Inserts									
								Float Shoe									
								Latch Down									
Cement did Circulate								Pumptrk Charge									
								Surface									
								Mileage 80									
X Signature <i>M. Far</i>								Thanks								Tax	
																Discount	
																Total Charge	