

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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# Company: Jason Oil Company, LLC

## Lease: Stice #1

SEC: 16 TWN: 8S RNG: 18W  
County: ROOKS  
State: Kansas  
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2  
Elevation: 1972 EGL  
Field Name: Harmony Hill NW  
Pool: Infield  
Job Number: 468  
API #: 15-163-34418

**Operation:**  
Uploading recovery & pressures

**DATE**  
January  
**13**  
2021

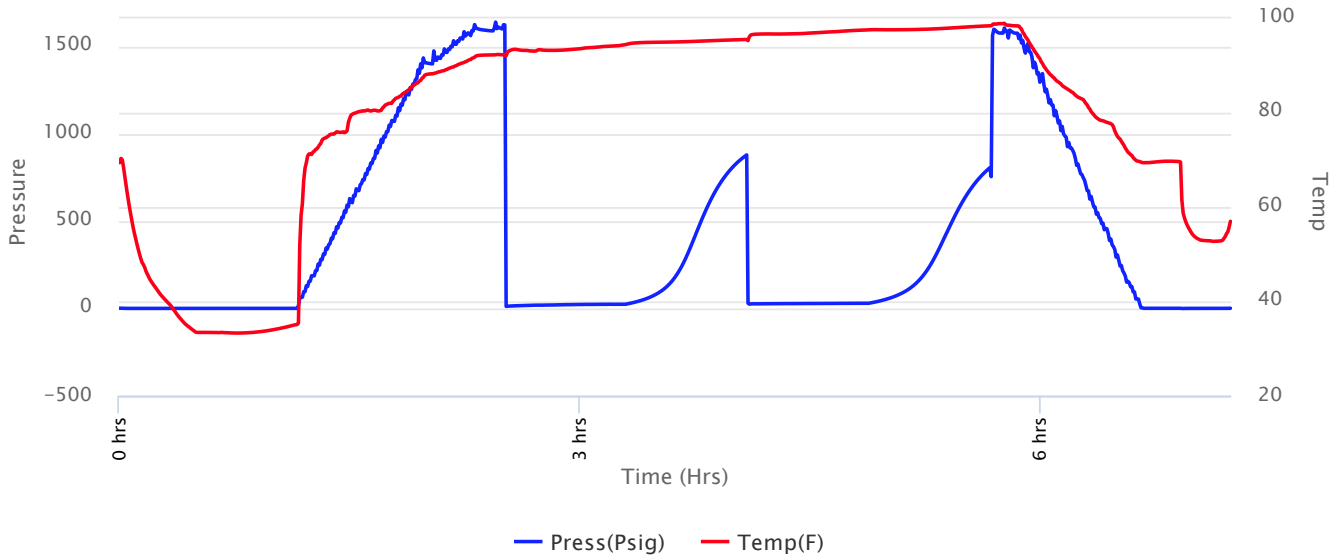
**DST #1**    **Formation: Arbuckle**    **Test Interval: 3368 - 3443'**    **Total Depth: 3443'**

Time On: 03:19 01/13    Time Off: 10:26 01/13  
Time On Bottom: 05:48 01/13    Time Off Bottom: 08:48 01/13

Electronic Volume Estimate:  
72'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 45	Minutes: 45	Minutes: 45	Minutes: 45
Current Reading: 1.4" at 45 min	Current Reading: 0" at 45 min	Current Reading: 2.1" at 45 min	Current Reading: 0" at 45 min
Max Reading: 1.4"	Max Reading: 0"	Max Reading: 2.1"	Max Reading: 0"

Inside Recorder





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**DST #1**    **Formation: Arbuckle**    **Test Interval: 3368 - 3443'**    **Total Depth: 3443'**

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### Recovered

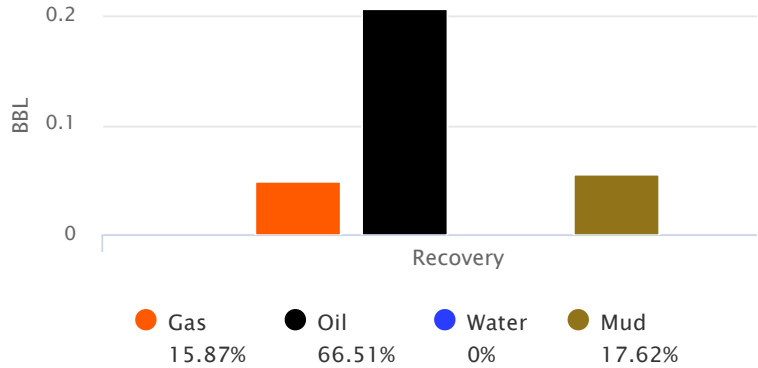
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.0492	G	100	0	0	0
16	0.07872	O	0	100	0	0
37	0.18204	HMCO	0	70	0	30

Total Recovered: 63 ft  
Total Barrels Recovered: 0.30996

Reversed Out  
NO

Initial Hydrostatic Pressure	1588	PSI
Initial Flow	11 to 24	PSI
<b>Initial Closed in Pressure</b>	<b>878</b>	<b>PSI</b>
Final Flow Pressure	24 to 29	PSI
<b>Final Closed in Pressure</b>	<b>805</b>	<b>PSI</b>
Final Hydrostatic Pressure	1585	PSI
Temperature	99	°F
Pressure Change Initial Close / Final Close	8.3	%

### Recovery at a glance



GIP cubic foot volume: 0.27623



**Company: Jason Oil Company,  
LLC**

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**DST #1      Formation: Arbuckle      Test Interval: 3368 -      Total Depth: 3443'**  
**3443'**  
Time On: 03:19 01/13      Time Off: 10:26 01/13  
Time On Bottom: 05:48 01/13      Time Off Bottom: 08:48 01/13

**BUCKET MEASUREMENT:**

1st Open: 1/2" Blow. Built to 1 1/2 inch in 45 mins  
1st Close: NOBB  
2nd Open: 1" Blow. Built to 2 1/4 inch in 45 mins  
2nd Close: NOBB

**REMARKS:**

Gravity: 27.4 @ 60 °F



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Elevation: 1972 EGL  
Field Name: Harmony Hill NW  
Pool: Infield  
Job Number: 468  
API #: 15-163-34418

**Operation:**  
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**13**  
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**DST #1      Formation: Arbuckle      Test Interval: 3368 - 3443'      Total Depth: 3443'**  
Time On: 03:19 01/13      Time Off: 10:26 01/13  
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### Down Hole Makeup

<b>Heads Up:</b> 16.08 FT	<b>Packer 1:</b> 3362.89 FT
<b>Drill Pipe:</b> 3295.77 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3367.89 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3354.89 FT
<b>Collars:</b> 63.04 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3406 FT
<b>Test Tool:</b> 26.16 FT <i>ID-3 1/2-FH</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 75.11	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 31.61 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 38 FT <i>4 1/2-FH</i>	



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2021

**DST #1      Formation: Arbuckle      Test Interval: 3368 -      Total Depth: 3443'**  
**3443'**

Time On: 03:19 01/13      Time Off: 10:26 01/13  
Time On Bottom: 05:48 01/13      Time Off Bottom: 08:48 01/13

**Mud Properties**

**Mud Type:** Chem      **Weight:** 8.8      **Viscosity:** 51      **Filtrate:** 7.6      **Chlorides:** 500 ppm





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**DST #1      Formation: Arbuckle      Test Interval: 3368 - 3443'      Total Depth: 3443'**

Time On: 03:19 01/13      Time Off: 10:26 01/13  
Time On Bottom: 05:48 01/13      Time Off Bottom: 08:48 01/13

### Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 2158

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

Date	1-8-21	Sec.	No 8	Twp.	8	Range	18	County	Rooks	State	KS	On Location		Finish	10:15 PM
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Location: Plot 11 3W 14R 7 N 70 PR 1E 1/4

Lease	<u>Stice</u>	Well No.	<u>1</u>	Owner	<u>To Quality Oilwell Cementing, Inc.</u>
Contractor	<u>Discover #4</u>	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>Surface</u>				
Hole Size	<u>12 1/4</u>	T.D.	<u>264</u>	Charge To	<u>Jason Oil</u>
Csg.	<u>8-1/2</u>	Depth	<u>263</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>1</u>	Shoe Joint		Cement Amount Ordered	<u>1 1/2 2 1/2 3 1/4 2 1/2</u>

Meas Line Displace 1681

EQUIPMENT				Common
Pumptrk	No. <u>5</u>	Cementer	<u>1</u>	<u>130</u>
		Helper	<u>1</u>	Poz. Mix <u>30</u>
Bulktrk	No. <u>1</u>	Driver	<u>1</u>	Gel. <u>3</u>
Bulktrk	No. <u>2</u>	Driver	<u>1</u>	Calcium <u>7</u>

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
<u>8 5/8 on bottom Est Circulation</u>		Handling <u>70</u>
<u>1 1/2 Horse Displace</u>		Mileage

FLOAT EQUIPMENT	
<u>Cement Circulated</u>	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge	<u>Surface</u>	Tax	
Mileage	<u>37</u>	Discount	
<p>Thanks</p>		Total Charge	

X Signature John D. [unclear]

# 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. 2161

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-15-21				Rocks	KS		3,451
Location				Plainville 3w 14rd 7N PR 1E 1/2 NE			
Lease	S 1/2			Well No.	1		
Contractor	Discovery #4			Owner			
Type Job	Production string			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			
Hole Size	7 7/8	T.D.	3527	Charge To			
Csg.	5 1/2 1550	Depth	3531	Tren Oil			
Tbg. Size		Depth		Street			
Tool	Port Collar	Depth	1392	City			
Cement Left in Csg.	42.80	Shoe Joint	42.80	State			
Meas Line		Displace	8.3 BCL	The above was done to satisfaction and supervision of owner agent or contractor			
EQUIPMENT				Cement Amount Ordered			
Pumptrk	5	No. Cementer		18000m Q-A-C			
		Helper		10' Salt 5' Ceilcrete 1/4" #10 500ml mud clean			
Bulktrk		No. Driver		Common			
Bulktrk	9	No. Driver		Poz. Mix			
JOB SERVICES & REMARKS				Gel.			
Remarks:				Calcium			
Rat Hole 30SK				Hulls			
Mouse Hole 15SK				Salt			
Centralizers				Flowseal			
Baskets				Kol-Seal			
DV or Port Collar				Mud CLR 48			
5 1/2 set @ 3531				CFL-117 or CD110 CAF 38			
Est. Circulation Pump signal mud clean				Sand			
Plug Ratholes mouse hole. Cement 5 1/2				Handling			
With 1353K. Clear lines & displace				Mileage			
Plug				FLOAT EQUIPMENT 5 1/2			
Plug landed @ 1500#				Guide Shoe			
Lift pressure @ 700#				Port Collar			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			
X Signature <i>George W. Piesker</i>							