

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	RJM Company
Well Name	DOCTOR GERALD 1
Doc ID	1374962

All Electric Logs Run

ELI
DIL/MEL
CDL/CNL
Sonic

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. **066**

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-21-17	25	17	12	Barton	KS		2:30 AM

Location *Odin, 15, 3/4 E, S n 2*

Lease <i>Doctor Gerald</i>	Well No. <i>1</i>	Owner
Contractor <i>Southwind</i>	<i>3</i>	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 <i>Surface</i>		Charge To <i>RJM</i>
Hole Size <i>12 1/4</i>	T.D. <i>333</i>	Street
Csg. <i>85/8</i>	Depth <i>333</i>	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint <i>20</i>	Cement Amount Ordered <i>180 sx 60/40, 4% cc, 2% gel</i>
Meas Line	Displace <i>19 3/4 bbl</i>	

EQUIPMENT

Pumptrk <i>18</i>	No.	Cementer <i>Travis</i>	Common <i>108</i>
		Helper	Poz. Mix <i>72</i>
Bulktrk <i>3</i>	No.	Driver <i>Doug</i>	Gel. <i>3</i>
		Driver	Calcium <i>7</i>
Bulktrk	No.	Driver	
		Driver	

JOB SERVICES & REMARKS

Remarks: <i>Cement did Circulate</i>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling <i>190</i>
	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge *Surface*
Mileage *24*

X Signature *Jay Shaw*

Tax
Discount
Total Charge

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

432

Phone 785-483-2025
Cell 785-324-1041

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

No.

Date	10-26-17	Sec.	25	Twp.	17	Range	12	County	Barton	State	Ks	On Location		Finish	9:00 AM		
Doctor Gerald								Location								Otin, Ks - 1S 3/4E, 31+0	
Lease			Well No.	1		Owner											
Contractor	Southwind		#3		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	Longstring																
Hole Size	7 7/8"		T.D.	3440'		Charge To										Rtm Company	
Csg.	5 1/2" 15.50ft		Depth	3430'		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.			Shoe Joint	10.65'		Cement Amount Ordered										180 Com 10% Salt 5% Gilsomite	
Meas Line			Displace	BLS		500 gal mud Clear 48											
EQUIPMENT																	
Pumptrk	16		No.	Cementer		Common										182	
				Helper		Poz. Mix										Travis	
Bulktrk	15		No.	Driver		Gel.										Jordan	
				Driver		Calcium										Rick	
Bulktrk	p.u.		No.	Driver		Hulls										Salt	
JOB SERVICES & REMARKS																	
Remarks:	Salt 16																
Rat Hole	Flowseal																
Mouse Hole	Kol-Seal 900#																
Centralizers	1-9		Mud CLR 48 500 gal														
Baskets	2+6		CFL-117 or CD110 CAF 38														
D/V or Port Collar	pipe on bottom break Circulation																
Pump	500 gal mud Clear 48 plug Rathole																
w/	30 ss Hook to 5 1/2" casing +																
mix	150 ss Cement, Shut down + wash																
Displaced plug w/	BLS. Released + held																
Lift pressure	700 #		lines														
Land plug to	1700 #		FLOAT EQUIPMENT														
			Guide Shoe														
			Centralizer 9														
			Baskets 2														
			AFU Inserts														
			Float Shoe 1														
			Latch Down 1														
			Rotating head														
			Pumptrk Charge													prod string	
			Mileage													24	
Tax																	
Discount																	
Total Charge																	
<p style="text-align: center;">X Signature</p> <p style="font-size: 2em; font-family: cursive;">David</p>																	

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

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2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

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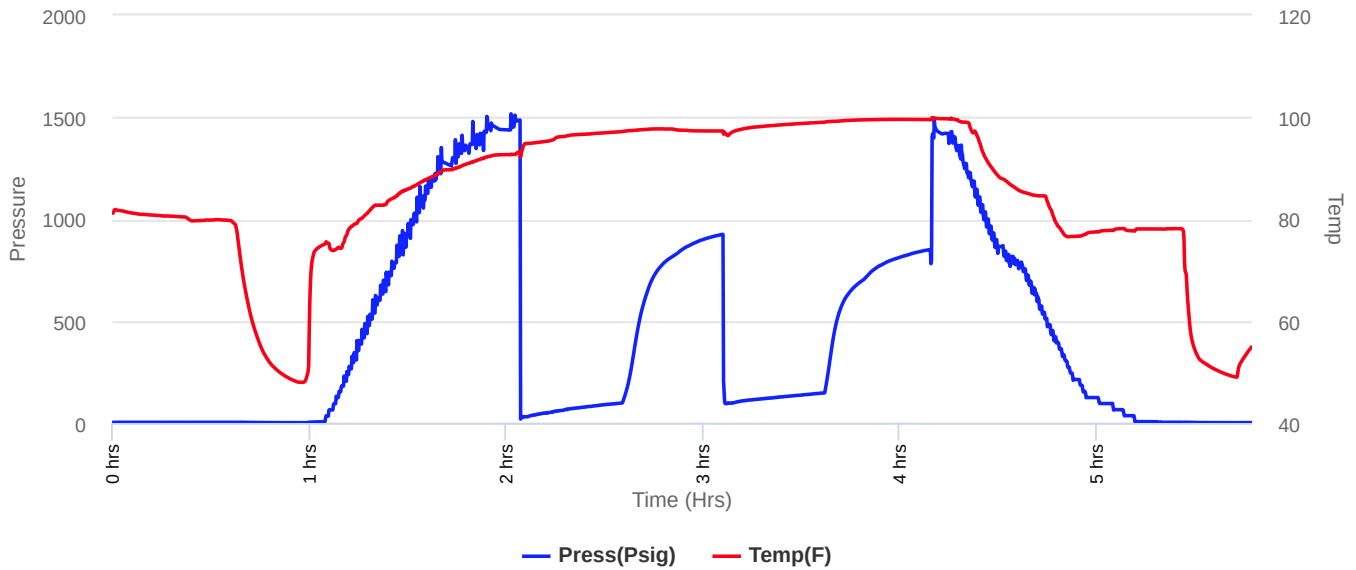
Company: RJM Oil Company, Inc
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1854 GL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 70

DATE
 October
23
 2017

DST #1 **Formation: Lans "A-G"** **Test Interval: 3065 - 3167'** **Total Depth: 3167'**
 Time On: 23:15 10/23 Time Off: 04:52 10/24
 Time On Bottom: 01:15 10/24 Time Off Bottom: 03:15 10/24

Electronic Volume Estimate:	<u>1st Open</u> Minutes: 30	<u>1st Close</u> Minutes: 30	<u>2nd Open</u> Minutes: 30	<u>2nd Close</u> Minutes: 30
N/A	212.9" at 30 min	0" at 30 min	207.1" at 30 min	14.3" at 30 min





Company: RJM Oil Company, Inc
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
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 Time On: 23:15 10/23 Time Off: 04:52 10/24
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Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2730	38.8479	G	100	0	0	0
58	0.82534	SLOCM	0	10	0	90
126	1.79298	WCMCO	0	60	20	20
95	1.35185	SLMCWCO	0	77	21	2
31	0.44113	SLOCSLGCHMCW	10	5	52	33

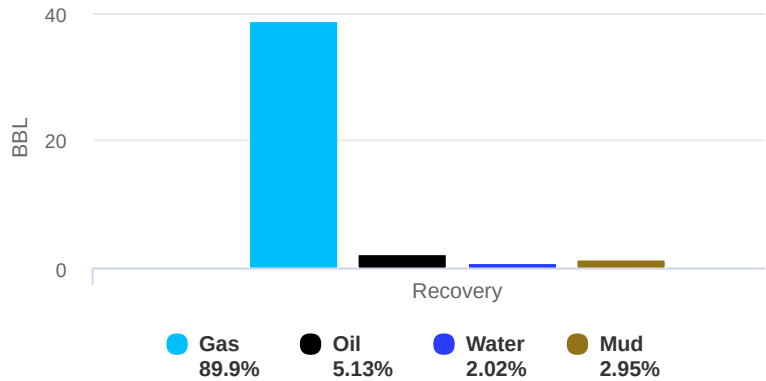
Total Recovered: 3040 ft
 Total Barrels Recovered: 43.2592

Reversed Out
 NO

Initial Hydrostatic Pressure 1438 PSI
 Initial Flow 19 to 98 PSI
Initial Closed in Pressure 925 PSI
 Final Flow Pressure 95 to 147 PSI
Final Closed in Pressure 850 PSI
 Final Hydrostatic Pressure 1421 PSI
 Temperature 100 °F

 Pressure Change Initial 8.1 %
 Close / Final Close

Recovery at a glance





**Company: RJM Oil Company,
Inc
Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

DATE October 23 2017

DST #1	Formation: Lans "A- G"	Test Interval: 3065 - 3167'	Total Depth: 3167'
	Time On: 23:15 10/23	Time Off: 04:52 10/24	
	Time On Bottom: 01:15 10/24	Time Off Bottom: 03:15 10/24	

REMARKS:

Initial Flow: 1 in. blow increasing. BOB in 2 mins.
Initial Shut-in: No blow back.
Final Flow: 4 in. blow increasing. BOB in 1 min. 10 secs.
Final Shut-in: BOB blow back.

Tool Sample: 77% oil, 15% water, 8% mud

GTS 30 mins. into final flow.

Ph: 7

RW: .29 @ 60 degrees F

Chlorides: 30,000 ppm



**Company: RJM Oil Company,
Inc
Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

<p>DATE October 23 2017</p>

**DST #1 Formation: Lans "A-
G" Test Interval: 3065 -
3167' Total Depth: 3167'**

Time On: 23:15 10/23 Time Off: 04:52 10/24
Time On Bottom: 01:15 10/24 Time Off Bottom: 03:15 10/24

Down Hole Makeup

Heads Up: 9.36 FT	Packer 1: 3060 FT
Drill Pipe: 3049.2 FT <i>ID-3 1/2</i>	Packer 2: 3065 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3052 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3136 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 102	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.5 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 33 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
Inc**
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

<p>DATE October 23 2017</p>

DST #1 **Formation: Lans "A-
G"** **Test Interval: 3065 -
3167'** **Total Depth: 3167'**

Time On: 23:15 10/23 Time Off: 04:52 10/24
Time On Bottom: 01:15 10/24 Time Off Bottom: 03:15 10/24

Mud Properties

Mud Type: Chemical **Weight:** 8.6 **Viscosity:** 62 **Filtrate:** 5.6 **Chlorides:** 2,000 ppm



Company: RJM Oil Company, Inc
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1854 GL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 70

DATE
 October
24
 2017

DST #2 **Formation: Lans/KC "H-M"** **Test Interval: 3200 - 3350'** **Total Depth: 3350'**
 Time On: 18:50 10/24 Time Off: 00:58 10/25
 Time On Bottom: 20:15 10/24 Time Off Bottom: 23:15 10/24

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2860	40.6978	G	100	0	0	0
126	1.79298	HOCM	0	40	0	60
63	0.89649	O	0	100	0	0
63	0.89649	SLWCSLMCO	0	96	1	3
63	0.89649	SLMCSLWCSLGCO	5	90	3	2

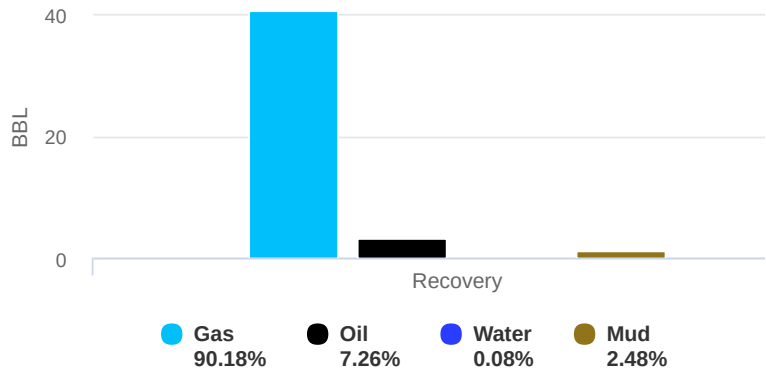
Total Recovered: 3175 ft
 Total Barrels Recovered: 45.18025

Reversed Out
 NO

Initial Hydrostatic Pressure 1554 PSI
 Initial Flow 25 to 92 PSI
Initial Closed in Pressure 971 PSI
 Final Flow Pressure 87 to 148 PSI
Final Closed in Pressure 958 PSI
 Final Hydrostatic Pressure 1523 PSI
 Temperature 102 °F

 Pressure Change Initial 1.4 %
 Close / Final Close

Recovery at a glance





**Company: RJM Oil Company,
Inc
Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

DATE October 24 2017

DST #2	Formation: Lans/KC "H-M"	Test Interval: 3200 - 3350'	Total Depth: 3350'
	Time On: 18:50 10/24	Time Off: 00:58 10/25	
	Time On Bottom: 20:15 10/24	Time Off Bottom: 23:15 10/24	

REMARKS:

Initial Flow: 1 in. blow increasing. BOB in 3 mins.
Initial Shut-in: 1/4 in. blow back.
Final Flow: 5 in. blow increasing. BOB in 1 min. 25 secs.
Final Shut-in: 1/2 in. blow back.

Tool Sample: 85% oil, 5% water, 10% mud

GTS 15 mins. into final shut-in.

Gravity: 36.1 @ 60 degrees F



Company: RJM Oil Company, Inc
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1854 GL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 70

DATE
 October
25
 2017

DST #3 Formation: Arbuckle Test Interval: 3322 - 3379' Total Depth: 3379'

Time On: 07:35 10/25 Time Off: 13:48 10/25
 Time On Bottom: 09:07 10/25 Time Off Bottom: 12:22 10/25

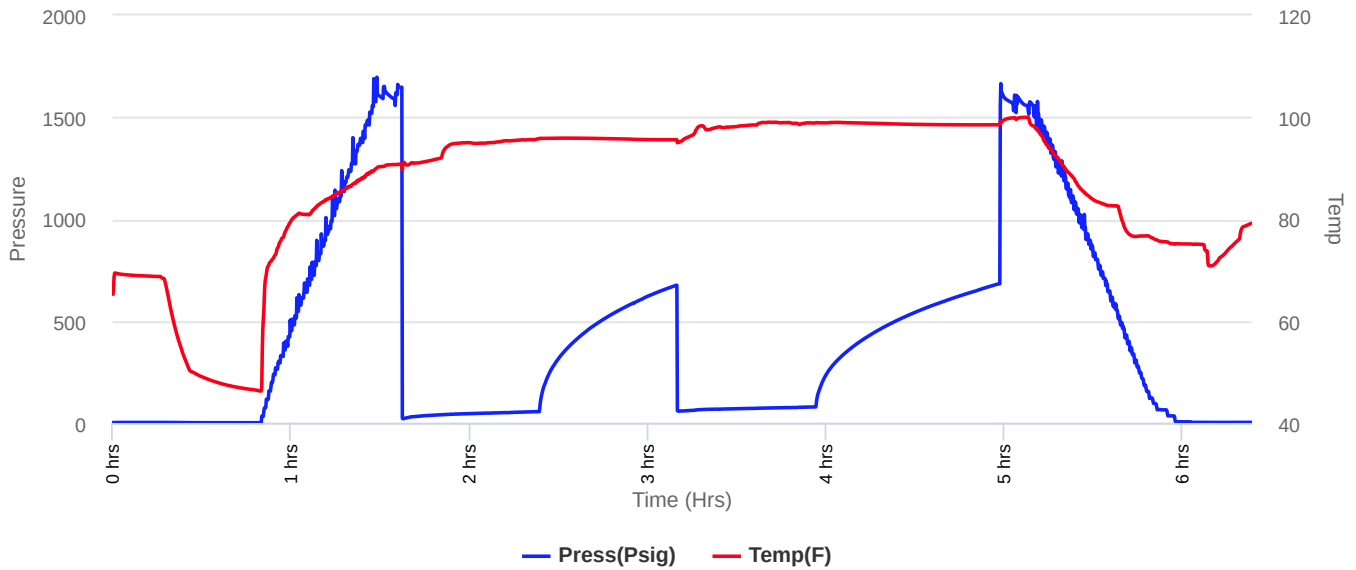
Electronic Volume Estimate:
 171'

1st Open
 Minutes: 45
 13.1" at 45 min

1st Close
 Minutes: 45
 .25" at 45 min

2nd Open
 Minutes: 45
 6.5" at 45 min

2nd Close
 Minutes: 60
 .1" at 60 min





Company: RJM Oil Company, Inc
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1854 GL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 70

DATE
 October
25
 2017

DST #3 Formation: Arbuckle Test Interval: 3322 - 3379' Total Depth: 3379'

Time On: 07:35 10/25 Time Off: 13:48 10/25
 Time On Bottom: 09:07 10/25 Time Off Bottom: 12:22 10/25

Recovered

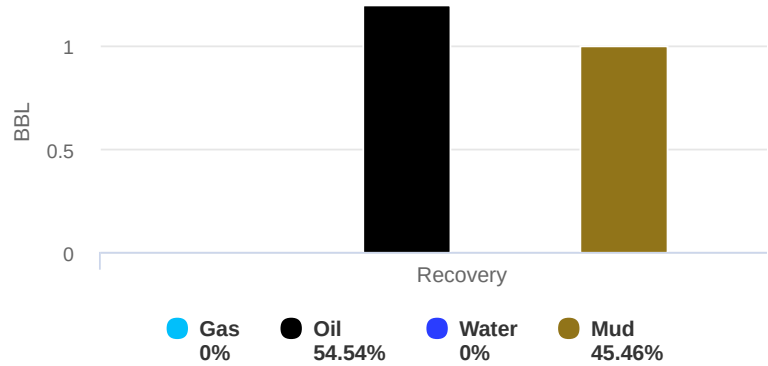
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
60	0.8538	O	0	100	0	0
33	0.46959	SLOCM	0	18	0	82
62	0.88226	HOCM	0	30	0	70

Total Recovered: 155 ft
 Total Barrels Recovered: 2.20565

Reversed Out
 NO

Initial Hydrostatic Pressure	1594	PSI
Initial Flow	24 to 56	PSI
Initial Closed in Pressure	676	PSI
Final Flow Pressure	60 to 79	PSI
Final Closed in Pressure	683	PSI
Final Hydrostatic Pressure	1589	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





**Company: RJM Oil Company,
Inc
Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

DATE October 25 2017

DST #3 Formation: Arbuckle Test Interval: 3322 - Total Depth: 3379'
3379'

Time On: 07:35 10/25 Time Off: 13:48 10/25
Time On Bottom: 09:07 10/25 Time Off Bottom: 12:22 10/25

REMARKS:

Initial Flow: 1 in. blow increasing. BOB in 37 mins.
Initial Shut-in: 1/4 in. blow back.
Final Flow: Weak, surface blow increasing to 6 1/2 ins. in 45 mins.
Final Shut-in: Weak, surface blow back.

Tool Sample: 40% oil, 60% mud

Gravity: 37.9 @ 60 degrees F



**Company: RJM Oil Company,
Inc
Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

<p>DATE October 25 2017</p>

DST #3 Formation: Arbuckle Test Interval: 3322 - Total Depth: 3379'
3379'

Time On: 07:35 10/25 Time Off: 13:48 10/25
Time On Bottom: 09:07 10/25 Time Off Bottom: 12:22 10/25

Down Hole Makeup

Heads Up: 4.39 FT	Packer 1: 3317 FT
Drill Pipe: 3301.23 FT <i>ID-3 1/2</i>	Packer 2: 3322 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3309 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3360 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 57	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.50 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 20 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
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Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W
County: BARTON
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Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1854 GL
Field Name: Wildcat
Pool: Infield
Job Number: 70

<p>DATE October 25 2017</p>

DST #3 Formation: Arbuckle Test Interval: 3322 - Total Depth: 3379'
3379'

Time On: 07:35 10/25 Time Off: 13:48 10/25
Time On Bottom: 09:07 10/25 Time Off Bottom: 12:22 10/25

Mud Properties

Mud Type: Chemical **Weight:** 8.8 **Viscosity:** 58 **Filtrate:** 6.4 **Chlorides:** 4,800 ppm