

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 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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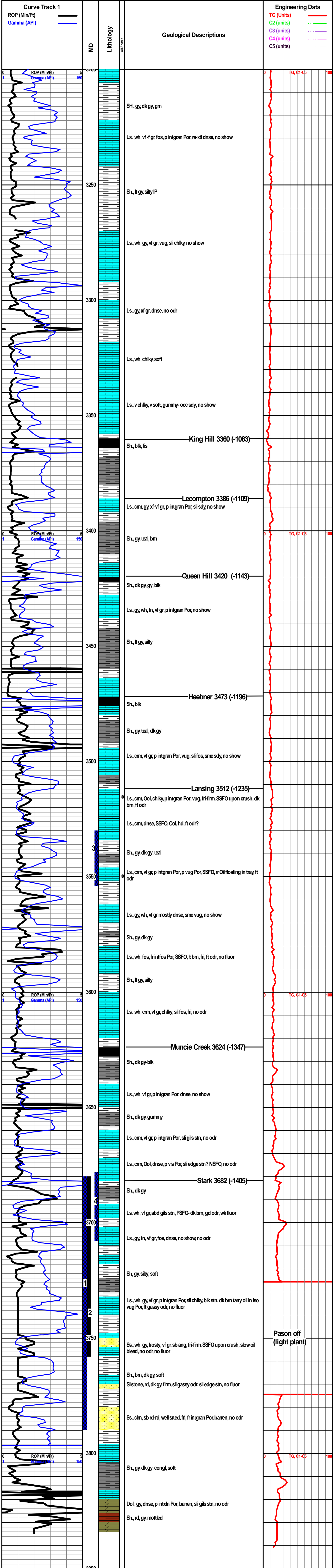
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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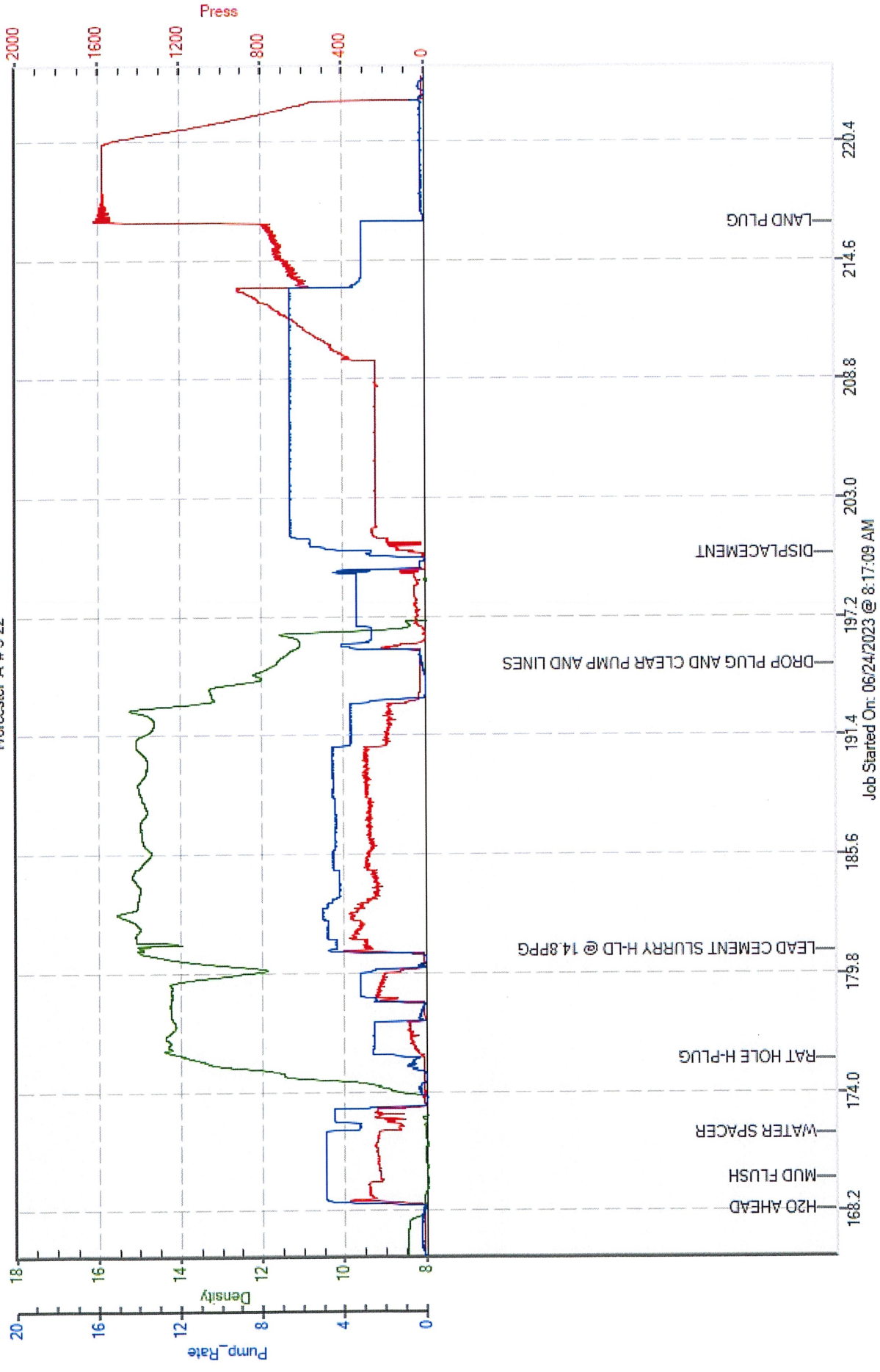
Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	WORCESTER A 5-22
Doc ID	1735687

All Electric Logs Run

BHCS
BHV
DIL
DUCP
MEL



Satchell Creek Petroleum, LLC
Worcester 'A' # 5-22





QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/9/2023
 Invoice # 3745

P.O.#:
 Due Date: 9/8/2023
 Division: Russell

Invoice

Contact:

Address/Job Location:



Satchell Creek

Reference:

WORCHESTER A 5 22

Description of Work:
 PORT COLLAR JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 967.95	No				
non MetsoBeads, Plater, Gel, FloSeal, Calcium)	500	\$ 10,686.32	Yes				
Bulk Truck Matl-Material Service Charge	510	\$ 553.30	No				
Premium Gel (Bentonite)	9	\$ 283.16	Yes				
Flo Seal	125	\$ 271.23	Yes				
Pump Truck Mileage-Job to Nearest Camp	55	\$ 268.51	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	55	\$ 208.84	No				

Invoice Terms:

Net 30

SubTotal:	\$	13,239.32
Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$	(330.98)
SubTotal for Taxable Items:	\$	10,959.69
SubTotal for Non-Taxable Items:	\$	1,948.65
Total:	\$	12,908.34
7.50% Graham County Sales Tax	\$	821.98
Amount Due:	\$	13,730.32
Applied Payments:		
Balance Due:	\$	13,730.32

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 © 2008-2013 Straker Investments, LLC. All rights reserved.

ENTERED

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. 3745

Date <u>8-9-23</u>	Sec.	Twp.	Range	County <u>Graham</u>	State <u>Ks</u>	On Location	Finish
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Location Hill City 3E3M E:U

Lease <u>Worcester</u>	Well No. <u>AS 22</u>	Owner
Contractor <u>COTOLS</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>Port Collar</u>		Charge <u>Satchel Creek</u>
Hole Size	T.D.	To
Csg. <u>5 1/2</u>	Depth	Street
Tbg. Size <u>2 3/8</u>	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 <u>500 21 QM DC</u>
Meas Line	Displace	<u>900 # Gel</u>

EQUIPMENT

Pumptrk <u>16</u> No.	Cementer	<u>Bill</u>	Common <u>500</u>
	Helper		Poz. Mix
Bulktrk No.	Driver	<u>Nick</u>	Gel. <u>9</u>
	Driver		Calcium
Bulktrk <u>21</u> No.	Driver	<u>CORY</u>	
	Driver		

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal <u>125 #</u>
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<u>P.C. 1905</u>	Sand
<u>pump 900 # Gel 80 bbls mud</u>	Handling <u>510</u>
<u>Cemty 500#</u>	Mileage
<u>Cemf Did not Circ.</u>	

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge Port collar Job
Mileage 55

	Tax
	Discount
	Total Charge

X Signature [Signature]

Bill is Awesome!

Thanks

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
785-324-1041

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

No. 3747

Date <u>8-11-23</u>	Sec.	Twp.	Range	County <u>Graham</u>	State <u>Ks</u>	On Location	Finish
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Location Hill City 3 E 3 N

Lease <u>Worcester</u>	Well No. <u>S-22</u>	Owner
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Contractor <u>CoTools</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.	
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Type Job <u>ONE Inch CIRC CEMENT</u>	Charge To <u>Satchel Creek</u>
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Hole Size	T.D.	Street
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Csg. <u>5 1/2</u>	Depth	City	State
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Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
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Tool	Depth	Cement Amount Ordered <u>3000 Qm D C 1/4 flo seal</u>
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Cement Left in Csg.	Shoe Joint	Common <u>90 Qm D C</u>
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Meas Line	Displace	<u>450</u>
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EQUIPMENT

Pumptrk <u>17</u> No.	Cementer	<u>Bill</u>	Poz. Mix
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Bulktrk No.	Driver	<u>Jordan</u>	Gel.
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Bulktrk <u>19</u> No.	Driver	<u>Doug</u>	Calcium
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JOB SERVICES & REMARKS

Remarks:	Hulls
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Rat Hole	Salt
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Mouse Hole	Flowseal <u>100#</u>
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Centralizers	Kol-Seal
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Baskets	Mud CLR 48
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D/V or Port Collar	CFL-117 or CD110 CAF 38
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<u>Run 1" TO 311</u>	Sand
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<u>CIRC Cemt w 90sk</u>	Handling <u>450</u>
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	Mileage
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FLOAT EQUIPMENT

	Guide Shoe
--	------------

	Centralizer
--	-------------

	Baskets
--	---------

	AFU Inserts
--	-------------

	Float Shoe
--	------------

	Latch Down
--	------------

<u>used 90sk</u>	
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	Pumptrk Charge <u>Circ Cement</u>
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	Mileage <u>55</u>
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	Tax
--	-----

	Discount
--	----------

	Total Charge
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X Signature [Signature]

Thanks



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Sean

WorcesterA5-22

Start Date: 2023.06.07 @ 20:33:44

End Date: 2023.06.08 @ 05:37:14

Job Ticket #: 015 DST #: 1

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530
620-791-7394

Printed: 2023.06.07 @ 21:55:40

Satchell Creek Petroleum

WorcesterA5-22

DST # 1

Arbuckle

2023.06.07



DRILL STEM TEST REPORT

Satchell Creek Petroleum

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Sean

WorcesterA5-22

Job Ticket: 015

DST#: 1

Test Start: 2023.06.07 @ 20:33:44

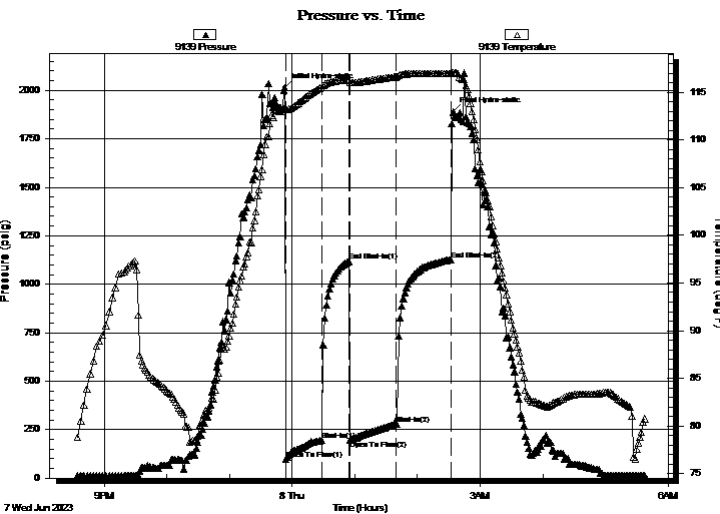
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:53:44
 Time Test Ended: 05:37:14
 Interval: **3860.00 ft (KB) To 3900.00 ft (KB) (TVD)**
 Total Depth: 3900.00 ft (KB) (TVD)
 Hole Diameter: 6.75 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Chad F Geist
 Unit No: 1
 Reference Elevations: 2278.00 ft (KB)
 2271.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 9139

Press@RunDepth: 280.81 psig @ 3860.00 ft (KB) Capacity: psig
 Start Date: 2023.06.07 End Date: 2023.06.08 Last Calib.: 1899.12.30
 Start Time: 20:33:44 End Time: 05:37:14 Time On Btm: 2023.06.07 @ 23:52:44
 Time Off Btm: 2023.06.08 @ 02:34:14

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2014.72	113.45	Initial Hydro-static
1	98.90	113.16	Open To Flow (1)
36	194.47	115.50	Shut-In(1)
62	1118.34	116.29	End Shut-In(1)
63	195.61	116.04	Open To Flow (2)
107	280.81	116.61	Shut-In(2)
159	1126.29	116.93	End Shut-In(2)
162	1888.00	117.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MUD	
60.00	MUD W TRACES OF OIL	
0.00	SHUT IN TOOL HAD GOOD SHOWS OF OIL	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Sean

WorcesterA5-22

Job Ticket: 015

DST#: 1

Test Start: 2023.06.07 @ 20:33:44

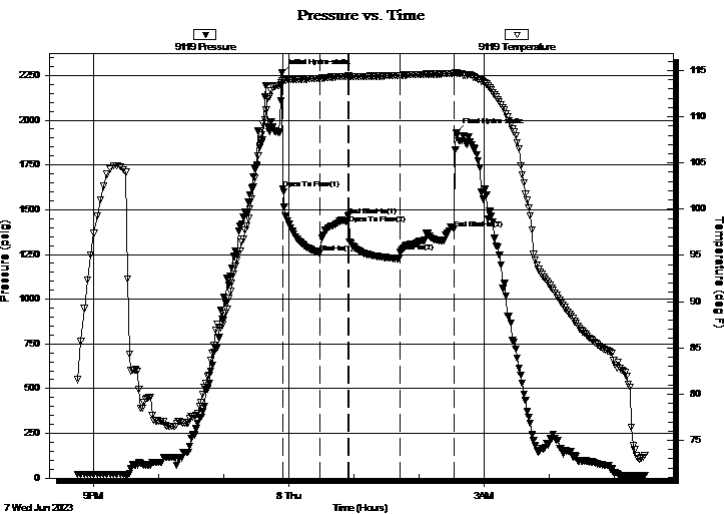
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:53:44
 Time Test Ended: 05:37:14
 Interval: **3860.00 ft (KB) To 3900.00 ft (KB) (TVD)**
 Total Depth: 3900.00 ft (KB) (TVD)
 Hole Diameter: 6.75 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Chad F Geist
 Unit No: 1
 Reference Elevations: 2278.00 ft (KB)
 2271.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 9119

Press@RunDepth: 1394.44 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2023.06.07 End Date: 2023.06.08 Last Calib.: 1899.12.30
 Start Time: 20:44:53 End Time: 05:28:23 Time On Btm: 2023.06.07 @ 23:53:23
 Time Off Btm: 2023.06.08 @ 02:34:23

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.81	113.72	Initial Hydro-static
1	1617.59	113.89	Open To Flow (1)
35	1257.64	114.13	Shut-In(1)
61	1463.30	114.39	End Shut-In(1)
62	1472.02	114.40	Open To Flow (2)
109	1262.10	114.47	Shut-In(2)
159	1394.44	114.69	End Shut-In(2)
161	1931.63	114.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MUD	
60.00	MUD W TRACES OF OIL	
0.00	SHUT IN TOOL HAD GOOD SHOWS OF OIL	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Sean

WorcesterA5-22

Job Ticket: 015

DST#: 1

Test Start: 2023.06.07 @ 20:33:44

Tool Information

Drill Pipe:	Length:	ft	Diameter:	inches	Volume:	- bbl	Tool Weight:	20000.00 lb
Heavy Wt. Pipe:	Length:	ft	Diameter:	inches	Volume:	- bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	ft	Diameter:	inches	Volume:	- bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	40000.00 lb
Depth to Top Packer:		ft					Final	42000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	167.75	ft						
Number of Packers:	3		Diameter:	6.75	inches			
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			5.00	
Hydraulic tool	5.00			10.00	
Jars	5.00			15.00	
Safety Joint	2.00			17.00	
top Packer - Shale	5.00			22.00	
Packer - Shale	5.00			27.00	
Change Over Sub	0.75			27.75	
Drill Pipe	63.00			90.75	
Change Over Sub	0.75			91.50	
Anchor	30.00			121.50	
Recorder	0.00		Inside	121.50	
Recorder	0.00		Outside	121.50	
Blank Off Sub	0.75			122.25	
Packer - Shale	5.00			127.25	
Change Over Sub	0.75			128.00	
Drill Pipe	31.75	9119	Inside	159.75	
Change Over Sub	1.00	9139	Outside	160.75	
Anchor	2.00			162.75	
Recorder	0.00			162.75	
Bullnose	5.00			167.75	167.75

Anchor Tool

Total Tool Length: 167.75



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Sean

WorcesterA5-22

Job Ticket: 015

DST#: 1

Test Start: 2023.06.07 @ 20:33:44

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 6.00 in³
Resistivity: ohm.m
Salinity: 1200.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	MUD	
60.00	MUD W TRACES OF OIL	
0.00	SHUT IN TOOL HAD GOOD SHOWS OF OIL	

Total Length: 360.00 ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 1st Blow : Bottom of bucket in 30 mins and continued to build
Blow back: N/A
2nd Blow : Bottom of bucket in 45 mins and continued to build
Blow back: N/A



DRILL STEM TEST REPORT

GAS RATES

Satchell Creek Petroleum

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Sean

WorcesterA5-22

Job Ticket: 015

DST#: 1

Test Start: 2023.06.07 @ 20:33:44

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00

