

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	King, Rodney L. dba King Oil Operation
Well Name	Glassman 1-25
Doc ID	1279538

All Electric Logs Run

Cement Bond
Dual Induction
Mocro Resistivity
Compensated Density Neutron

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. 1942

Date	12-10-15	Sec.	25	Twp.	12	Range	32	County	Logan	State	KS	On Location		Finish	8:00pm
------	----------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	--------

Location *Oakley 10 S 1/2 E N4E into*

Lease	<i>Glassman</i>	Well No.	<i>1-25</i>	Owner	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.
Contractor	<i>Discovery #1</i>	Type Job	<i>DV Job</i>	Charge To	<i>King Oil Production</i>
Hole Size	<i>7 7/8</i>	T.D.	<i>4750</i>	Street	
Csg.	<i>5 1/2</i>	Depth	<i>4727</i>	City	State
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	<i>DV Tool</i>	Depth	<i>2513</i>	Cement Amount Ordered	<i>460⁶⁰/40 QMDC 1/4 FF10</i>
Cement Left in Csg.		Shoe Joint			
Meas Line		Displace	<i>60BC</i>		

EQUIPMENT

Pumptrk	<i>5</i>	No.	Cementer	<i>Craig</i>	Common	<i>276</i>
			Helper	<i>Brett</i>	Poz. Mix	<i>184</i>
Bulktrk		No.	Driver	<i>Doug</i>	Gel.	
Bulktrk	<i>19</i>	No.	Driver		Calcium	<i>10</i>

JOB SERVICES & REMARKS

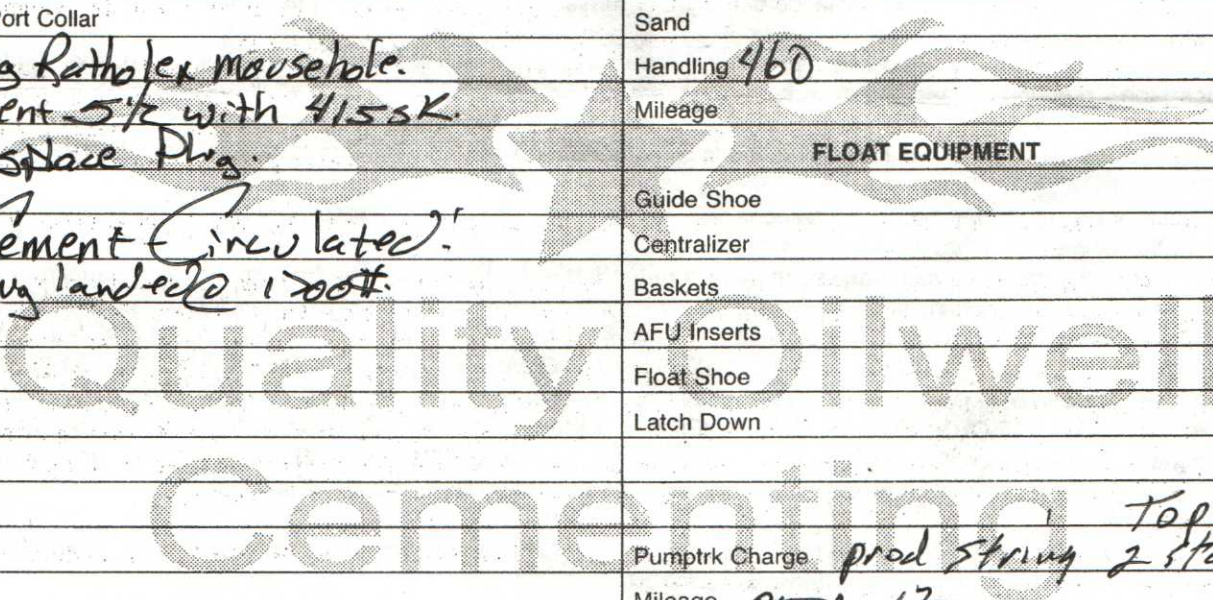
Remarks:		Hulls	
Rat Hole	<i>30SK</i>	Salt	
Mouse Hole	<i>15SK</i>	Flowseal	<i>115</i>
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
<i>Plug Rathole mousehole.</i>		Sand	
<i>Cement 5/8 with 415SK.</i>		Handling	<i>460</i>
<i>Displace Plug.</i>		Mileage	

FLOAT EQUIPMENT

<i>Cement Circulated!</i>		Guide Shoe	
<i>Plug land-etc 1700ft.</i>		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	

Pumptrk Charge	<i>prod string 2 stage</i>		
Mileage	<i>12</i>		

Signature	<i>[Signature]</i>	Tax	
		Discount	
		Total Charge	



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. 1941

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-10-15	25	12	32	Logan	KS		6:45pm
				Location <u>Oakley 10S 1 1/2E 1/4E into</u>			

Lease <u>Glassman</u>	Well No. <u>1-25</u>	Owner
Contractor <u>Discovery #1</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>DV Job</u>	<u>Bottom Stage</u>	Charge To <u>King Oil Operation</u>
Hole Size <u>7 7/8</u>	T.D. <u>4750</u>	Street
Csg. <u>5 1/2</u>	Depth <u>4727</u>	City
Tbg. Size	Depth	State
Tool <u>DV Tool #52</u>	Depth <u>2513</u>	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <u>19.82</u>	Shoe Joint <u>19.82</u>	Cement Amount Ordered <u>220 @ 20 10% Salt 5% Cellsonite</u> <u>500 gal mud clear</u>
Meas Line	Displace <u>112BL</u>	

EQUIPMENT

Pumptrk <u>5</u> No.	Cement Helper <u>raig</u>	Common <u>176</u>
Bulktrk <u>9</u> No.	Driver <u>Brett</u>	Poz. Mix <u>44</u>
Bulktrk <u>19</u> No.	Driver <u>Billy</u>	Gel.
	Driver <u>Doug</u>	Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt <u>19</u>
Mouse Hole	Flowseal
Centralizers	Kol-Seal <u>1100#</u>
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38

5 1/2 size 4727. Est Circulation.
Pump 500 gal mud clear - 10 BL spur
Cement 5 1/2 with 220 SL Clear
lines a Displace Plug.
Displace 54 BL water + 54 BL mud
+ 4 BL water to land Plug.
Let Pressure 1100#
Land Plug @ 2000#.

FLOAT EQUIPMENT

Guide Shoe
Centralizer <u>8 Turbo's</u>
Baskets <u>2 Baskets</u>
AFU Insert <u>DV Tool</u>
Float Shoe <u>1</u>
Latch Down <u>1</u>

Drop Part + Open DV Tool
Est. Circulation.

Pumptrk Charge	<u>prod string 2 stage</u>
Mileage	<u>12</u>

X Signature Cliff Mayhew

Tax
Discount
Total Charge



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61798

Well Name & No. King oil operations Test No. 1 Date 12-8-15
 Company GLASSMAN 1-25 Elevation 3001 KB 2993 GL
 Address 1746 150th Ave Ellis, KS 67637
 Co. Rep / Geo. Charlie Sturdavant Rig Diso #1
 Location: Sec. 25 Twp. 12S Rge. 32W Co. L.09N State KS

Interval Tested 4186 4283 Zone Tested Linging / KB
 Anchor Length 97 Drill Pipe Run 3854 Mud Wt. 9.5
 Top Packer Depth 4181 Drill Collars Run --- Vis 50
 Bottom Packer Depth 4186 Wt. Pipe Run 311 WL 7.2
 Total Depth 4283 Chlorides 3000 ppm System LCM 1 1/2

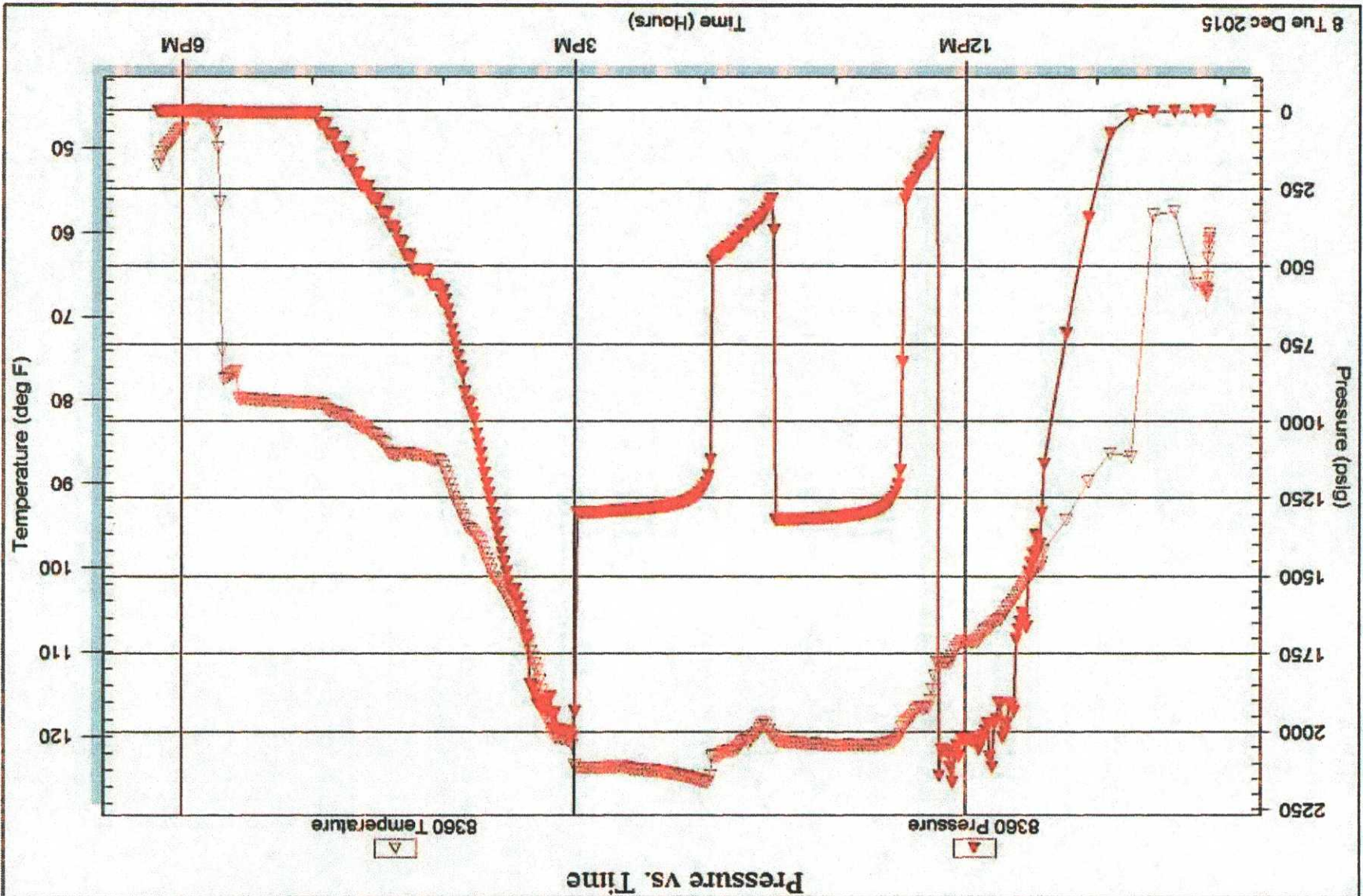
Blow Description FF! BoB in 2 min.
#5! BoB in 15 min.
FF BoB in 4 min.
FF 1/4 blow built to 6 in 15 min died in 25 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>194</u>	<u>90</u>	<u>30</u>	<u>70</u>		
<u>252</u>	<u>MC90</u>	<u>40</u>	<u>20</u>		<u>40</u>
<u>126</u>	<u>90CM</u>	<u>35</u>	<u>5</u>		<u>60</u>
<u>252</u>	<u>MC90</u>	<u>10</u>	<u>70</u>		<u>20</u>
<u>315</u>	<u>MWLC90</u>	<u>10</u>	<u>80</u>	<u>5</u>	<u>5</u>

Rec Total 1139 BHT 122 Gravity 30 API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2136 Test 1150 T-On Location 8:45
 (B) First Initial Flow 78 Jars 250 T-Started 10:06
 (C) First Final Flow 285 Safety Joint 75 T-Open 12:10
 (D) Initial Shut-In 1316 Circ Sub NIL T-Pulled 14:55
 (E) Second Initial Flow 271 Hourly Standby --- T-Out 18:09
 (F) Second Final Flow 470 Mileage 82+142= Comments 688 GIP
 (G) Final Shut-In 1293 Sampler 76 + 76 + 57 = 209 Drove 3/4 way to
 (H) Final Hydrostatic 2048 Straddle --- the rig to turn around
 Shale Packer --- Ruined Shale Packer ---
 Shale Packer --- Ruined Packer 320
 Extra Packer --- Extra Copies ---
 Extra Recorder --- Sub Total 320
 Day Standby --- Total 2004
 Accessibility --- MP/DST Disc't ---
 Sub Total 1684

Approved By Charlie Sturdavant Our Representative [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.
 785-650-8399



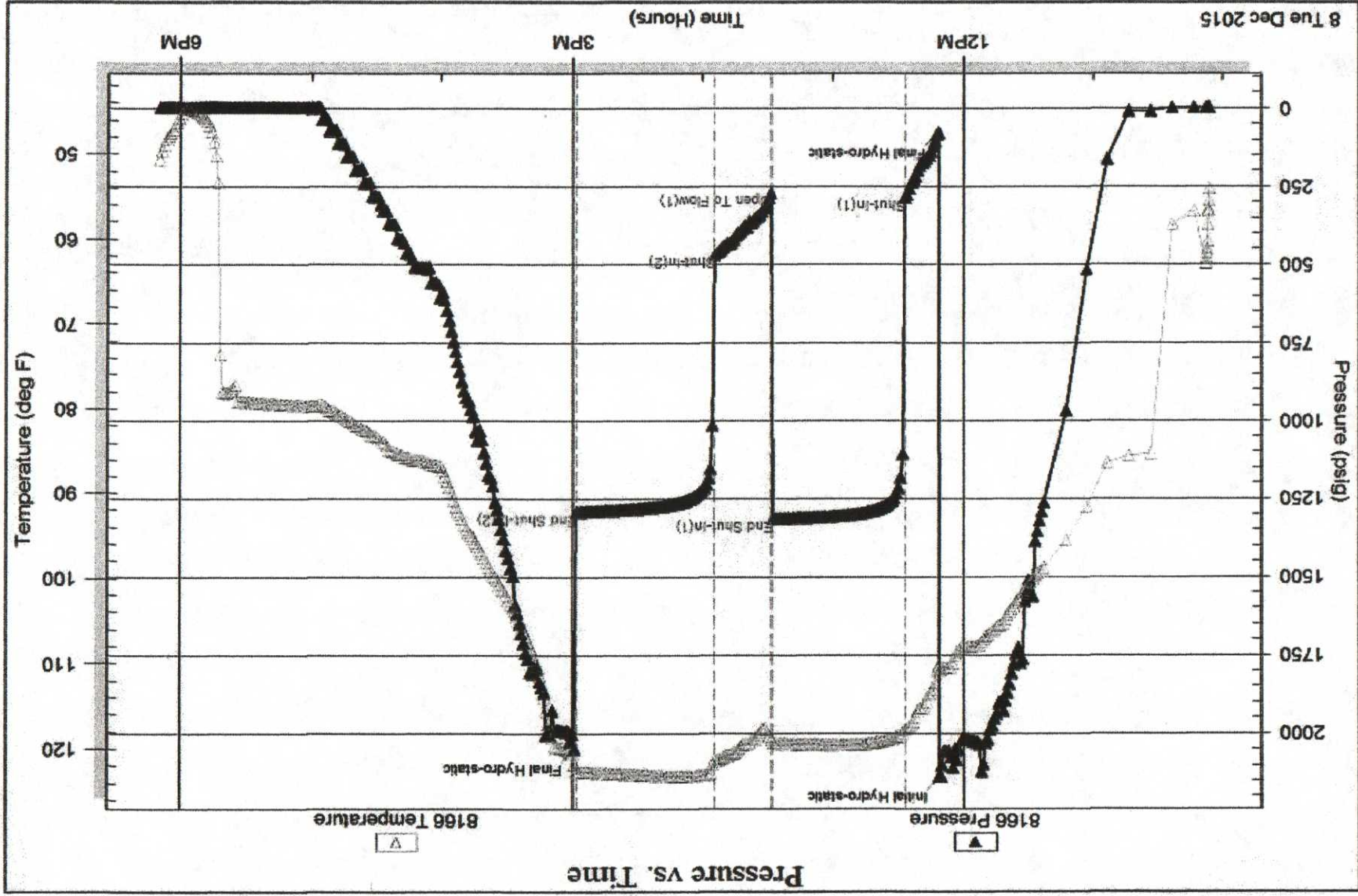
Serial #: 8360

Inside

King Oil Operations

Classman #1-25

DST Test Number: 1



8 Tue Dec 2015

Time (Hours)

6PM

3PM

12PM

Temperature (deg F)

Pressure (psig)

50
60
70
80
90
100
110
120

0
250
500
750
1000
1250
1500
1750
2000

8166 Temperature

8166 Pressure

△

▲

Final Hydro-static

Initial Hydro-static

End Shut-in(1)

Shut-in(1)

Shut-in(2)

Open To Flow(1)

Final Hydro-static



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

King Oil Operations

25-12s-32w Logan,KS

1746 150th Ave.
Ellis, KS 67637

Glassman #1-25

Job Ticket: 61798

DST#: 1

ATTN: Charlie Sturdavant

Test Start: 2015.12.08 @ 10:06:06

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	37 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	mw cgo 10%g 80%o 5%w 5%m	2.341
252.00	mcgo 10%g 70%o 20%m	3.535
126.00	gocm 35%g 5%o 60%m	1.767
252.00	mcgo 40%g 20%o 40%m	3.535
194.00	go 30%g 70%o	2.721
0.00	688 GIP	0.000

Total Length: 1139.00 ft Total Volume: 13.899 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 37@60=37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

King Oil Operations

25-12s-32w Logan,KS

1746 150th Ave.
Ellis, KS 67637

Glassman #1-25

Job Ticket: 61798

DST#: 1

ATTN: Charlie Sturdavant

Test Start: 2015.12.08 @ 10:06:06

Tool Information

Drill Pipe:	Length: 3854.00 ft	Diameter: 3.80 inches	Volume: 54.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 311.00 ft	Diameter: 2.75 inches	Volume: 2.28 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4186.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	97.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4160.00	
Shut In Tool	5.00			4165.00	
Hydraulic tool	5.00			4170.00	
Jars	5.00			4175.00	
Safety Joint	2.00			4177.00	
Packer	5.00			4182.00	27.00 Bottom Of Top Packer
Packer	4.00			4186.00	
Stubb	1.00			4187.00	
Recorder	0.00	8360	Inside	4187.00	
Recorder	0.00	8166	Outside	4187.00	
Perforations	25.00			4212.00	
Change Over Sub	1.00			4213.00	
Drill Pipe	64.00			4277.00	
Change Over Sub	1.00			4278.00	
Bullnose	5.00			4283.00	97.00 Bottom Packers & Anchor

Total Tool Length: 124.00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

King Oil Operations

25-12s-32w Logan, KS

1746 150th Ave.
Ellis, KS 67637

Glassman #1-25

Job Ticket: 61798

DST#: 1

ATTN: Charlie Sturdavant

Test Start: 2015.12.08 @ 10:06:06

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:28:06
 Time Test Ended: 18:09:36

Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 79

Interval: **4186.00 ft (KB) To 4283.00 ft (KB) (TVD)**
 Total Depth: 4283.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3001.00 ft (KB)
 2993.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8360

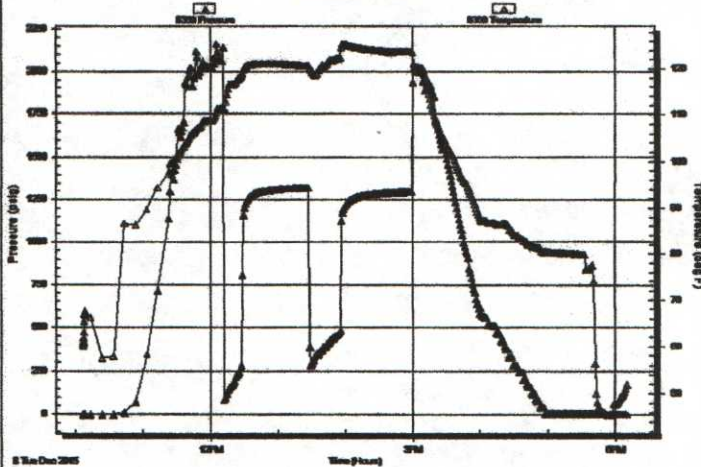
Inside

Press@RunDepth: psig @ 4187.00 ft (KB)
 Start Date: 2015.12.08 End Date: 2015.12.08
 Start Time: 10:06:50 End Time: 18:10:44

Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btmr:
 Time Off Btmr:

TEST COMMENT: IF: BOB in 2 min.
 IS: BOB in 15 min.
 FF: BOB in 4 min.
 FS: 1/4" blow built to 6" in 15 min. Died in 25 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mw cgo 10%g 80%o 5%w 5%m	2.34
252.00	mcgo 10%g 70%o 20%m	3.53
126.00	gocm 35%g 5%o 60%m	1.77
252.00	mcgo 40%g 20%o 40%m	3.53
194.00	go 30%g 70%o	2.72
0.00	688 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

King Oil Operations

1746 150th Ave.
Ellis, KS 67637

ATTN: Charlie Sturdavant

25-12s-32w Logan, KS

Glassman #1-25

Job Ticket: 61798

DST#: 1

Test Start: 2015.12.08 @ 10:06:06

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:28:06

Time Test Ended: 18:09:36

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: **4186.00 ft (KB) To 4283.00 ft (KB) (TVD)**

Total Depth: 4283.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3001.00 ft (KB)

2993.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8166

Outside

Press@RunDepth: 470.02 psig @ 4187.00 ft (KB)

Start Date: 2015.12.08

End Date: 2015.12.08

Start Time: 10:06:11

End Time: 18:09:35

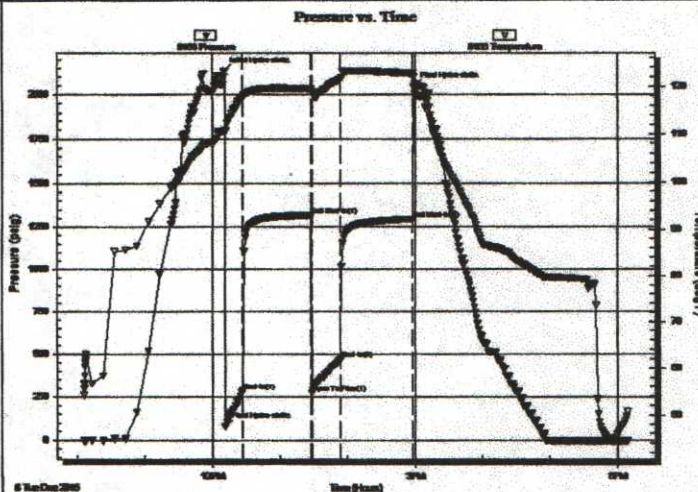
Capacity: 8000.00 psig

Last Calib.: 2015.12.08

Time On Btm: 2015.12.08 @ 12:10:36

Time Off Btm: 2015.12.08 @ 12:11:36

TEST COMMENT: IF: BOB in 2 min.
IS: BOB in 15 min.
FF: BOB in 4 min.
FS: 1/4" blow built to 6" in 15 min. Died in 25 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.45	110.69	Initial Hydro-static
1	78.60	110.26	Final Hydro-static
17	285.57	117.79	Shut-in(1)
77	1316.07	119.41	End Shut-in(1)
78	271.14	118.95	Open To Flow (1)
104	470.02	121.39	Shut-in(2)
168	1293.82	122.65	End Shut-in(2)
169	2048.54	121.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mw cgo 10%g 80%o 5%w 5%m	2.34
252.00	mcgo 10%g 70%o 20%m	3.53
126.00	gocm 35%g 5%o 60%m	1.77
252.00	mcgo 40%g 20%o 40%m	3.53
194.00	go 30%g 70%o	2.72
0.00	688 GIP	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Prepared For: **King Oil Operations**
1746 150th Ave.
Ellis, KS 67637

ATTN: Charlie Sturdavant

Glassman #1-25

25-12s-32w Logan,KS

Start Date: 2015.12.08 @ 10:06:06
End Date: 2015.12.08 @ 18:09:36
Job Ticket #: 61798 DST #: 1

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

Printed: 2015.12.10 @ 10:58:08

King Oil Operations
25-12s-32w Logan,KS
Glassman #1-25
DST # 1
LKC
2015.12.08

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

14100
L06
067708
2.5

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Chalky

DATE <u>12/3/15</u>	SEC. <u>25</u>	TWP. <u>12</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30a</u>	JOB FINISH <u>6:30p</u>
LEASE <u>Glenn</u>	WELL # <u>1-25</u>	LOCATION <u>Chalky</u>	<u>105th 1 1/2 E</u>	<u>W. E. 100</u>	<u>Love</u>	COUNTY <u>KS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR <u>Discovery</u>	OWNER <u>Some</u>
TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>221</u>
CASING SIZE <u>8 1/2</u>	DEPTH <u>221</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>13.7222 bbl</u>	
EQUIPMENT <u>160</u>	
PUMP TRUCK CEMENTER <u>Alan Ryan</u>	
# <u>431</u> HELPER <u>Paul Beaver</u>	
BULK TRUCK	
# <u>891</u> DRIVER <u>Monte Phillips</u>	
BULK TRUCK	
#	

COMMON <u>150 SK @ 1.22 = 2685</u>
POZMIX @
GEL <u>221 @ .50 = 110.50</u>
CHLORIDE <u>923 @ 1.00 = 923.00</u>
ASC @
@
@
@
@
@
@
@
TOTAL <u>3,291.30</u>
DISCOUNT <u>30% 987.39</u>

REMARKS:
Annex, Cc, Mpx Cement, Displace Cement Shrink
Cement did Circulate
Thompson
Alan Paul Monte

SERVICE
HANDLING <u>162² CF @ 2.95 = 477.30</u>
MILEAGE <u>257²⁵ @ 2.40 = 616.80</u>
DEPTH OF JOB
PUMP TRUCK CHARGE <u>15.12²⁵</u>
EXTRA FOOTAGE @
HV MILEAGE <u>13 @ 2.20 = 28.60</u>
LV MILEAGE <u>13 @ 4.40 = 57.20</u>
@
@
TOTAL <u>2,336.53</u>
DISCOUNT <u>30% 700.95</u>

CHARGE TO: King Oil Operations - Chalky Way
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
@
@
@
@
@
TOTAL
DISCOUNT %

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
SIGNATURE Off Mafful

SALES TAX (If Any) _____
TOTAL CHARGES 5,627.83
DISCOUNT 1,688.34 (30%) IF PAID IN 30 DAYS
NET TOTAL 3,939.48 IF PAID IN 30 DAYS