



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1318415
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1318415

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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Geological Report

Dustbowl #1-33
700' FNL & 420' FWL
Sec. 33 T11s R32w
Logan County, Kansas



King Oil Operations

General Data

Well Data: King Oil Operations
Dustbowl #1-33
700' FNL & 420' FWL
Sec. 33 T11s R32w
Ellis County, Kansas
API # 15-109-21464-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #1

Geologist: Jason T Alm

Spud Date: June 1, 2016

Completion Date: June 9, 2016

Elevation: 3056' Ground Level
3064' Kelly Bushing

Directions: Oakley KS, South on Hwy 83 6 mi to Apache Acre.
West 2 mi, South 1/8 mi, East into location.

Casing: 220' 8 5/8" surface casing
4720' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3700' to RTD

Electric Logs: Gemini Wireline "Gus Pfannenstiel"
CNL/CDL, DIL, MEL

Drillstem Tests: Three, Trilobite Testing, Inc. "Mike Roberts"

Problems: None

Remarks: After DST #3, background gas in the mud system
was too high to get accurate formation gas readings.

Formation Tops

Formation	King Oil Operations Dustbowl #1-33 Sec. 33 T11s R32w 700' FNL & 420' FWL
Anhydrite	2587', +477
Base	2614', +450
Topeka	3795', -731
Heebner	4017', -953
Toronto	4038', -974
Lansing	4057', -993
BKC	4349', -1285
Pawnee	4486', -1522
Myrick	4511', -1447
Fort Scott	4536', -1472
Cherokee	4564', -1500
Johnson	4595', -1531
Morrow	4630', -1566
Mississippian	4655', -1591
RTD	4720', -1656
LTD	4721', -1657

Sample Zone Descriptions

- LKC "C" zone (4090', -1026): Covered in DST #1**
 Ls – Fine to sub-crystalline, oolitic with poor to scattered fair oolitic porosity, light spotted oil stain in porosity, no show of free oil, oil looks heavy and dead in part, light brown in part, 10 units hotwire.
- LKC "E" zone (4130', -1066): Covered in DST #1**
 Ls – Fine crystalline, oolitic with poor oolitic porosity, light to fair scattered oil stain with light spotted saturation, slight show of free oil when broken, fair "sour" odor, light yellow fluorescents, good cut, 24 units hotwire.
- LKC "F" zone (4144', -1080): Covered in DST #1**
 Ls – Fine to sub-crystalline oolitic with poor oolitic and scattered fair vuggy porosity, light oil stain in porosity, slight show of free oil when broken, fair "sour" odor, light spotted yellow fluorescents, fair cut, 30 units hotwire.

- LKC "H" zone** (4209', -1145): **Covered in DST #2**
 Ls – Fine crystalline, oolitic with poor to scattered fair oolitic and oomoldic porosity, light to fair brown spotted oil stain with light brown saturation, fair show of free oil, fair to good odor, fair to bright yellow fluorescents, 100 units hotwire.
- LKC "I" zone** (4240', -1176): **Covered in DST #3**
 Ls – Fine crystalline, oolitic with poor oolitic and scattered oomoldic porosity, light oil stain with light to fair saturation, slight show of free oil, fair odor, fair spotted yellow fluorescents, 78 units hotwire.
- LKC "J" zone** (4259', -1195): **Covered in DST #3**
 Ls – Fine to sub-crystalline, oolitic with poor scattered oolitic porosity, light scattered oil stain in porosity, very light spotted saturation, show of free oil when broken, fair to good yellow fluorescents, 65 units hotwire.
- LKC "K" zone** (4294', -1230): **Not Tested**
 Ls – Sub-crystalline, oolitic with very poor scattered oolitic porosity, light spotted oil stain in porosity, no show of free oil, no odor, mostly dense.
- Johnson** (4595', -1531): **Not Tested**
 Ls – Fine to Medium crystalline with poor to scattered fair vuggy and inter-crystalline porosity, light to fair oil stain with light spotted saturation, slight show of free oil, good yellow fluorescents, excellent cut.

Structural Comparison

Formation	King Oil Operations Dustbowl #1-33 Sec. 33 T11s R32w 700' FNL & 420' FWL	Ranken Energy Corporation Dreiling #1-28 Sec. 28 T11s R32w 2250' FSL & 600' FWL	New Gulf Operating Hockersmith #1-34 Sec. 34 T11s R32w 143' FNL & 330' FWL	
Anhydrite	2587', +477	NA	2580', +479	(-2)
Base	2614', +450	NA	2609', +450	FL
Topeka	3795', -731	3808', -726	3799', -740	(+9)
Heebner	4017', -953	4032', -950	4027', -968	(+15)
Toronto	4038', -974	4052', -970	4055', -996	(+18)
Lansing	4057', -993	4078', -996	4072', -1013	(+20)
BKC	4349', -1285	4370', -1288	4348', -1289	(+4)
Pawnee	4486', -1522	4512', -1430	4486', -1427	(+5)
Myrick	4511', -1447	4540', -1458	4516', -1457	(+10)
Fort Scott	4536', -1472	4566', -1484	4541', -1482	(+10)
Cherokee	4564', -1500	4598', -1513	4568', -1509	(+9)
Johnson	4595', -1531	4628', -1546	4601', -1542	(+11)
Morrow	4630', -1566	4665', -1583	4634', -1577	(+11)
Mississippian	4655', -1591	4682', -1600	4668', -1609	(+18)

Summary

The location for the Dustbowl #1-33 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three Drill Stem Tests were conducted, one of which recovered commercial amounts of oil from the LKC "I" and "J" zones. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Dustbowl #1-33 well.

Recommended Perforations

Primary:

Johnson zone	4606' – 4611'	Not Tested
	4618' – 4622'	

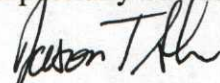
Secondary:

LKC J	4261' – 4263'	DST #3
LKC I	4242' – 4245'	DST #3

Before Abandonment:

LKC F	4146' – 4148'	DST #1
LKC C	4093' – 4096'	DST #2

Respectfully Submitted,

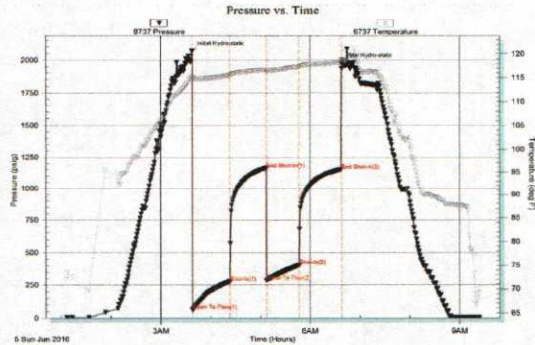

Jason T Alm
Hard Rock Consulting, Inc.

Drill Stem Tests
 Trilobite Testing, Inc.
 "Mike Roberts"

DST #1 LKC C – F zones

Interval (4074' – 4160') Anchor Length 84'

IHP	- 2068 #	
IFP	- 45" – B.O.B. 10 min.	61-280 #
ISI	- 45" – Dead	1165 #
FFP	- 45" – B.O.B. 10 min.	284-403 #
FSI	- 45" – Dead	1153 #
FHP	- 1974 #	
BHT	- 118°F	

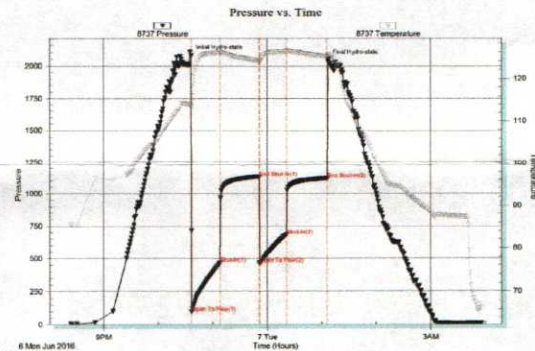


Recovery:	3" Clean Oil	
	10' MCOW	40% Oil, 40% Water
	248' WCOM	30% Oil, 20% Water
	186' OCMW	5% Oil, 85% Water
	312' MCW	95% Water

DST #2 LKC H zone

Interval (4182' – 4225') Anchor Length 43'

IHP	- 2075 #	
IFP	- 30" – B.O.B. 2 min.	97-465 #
ISI	- 45" – Dead	1132 #
FFP	- 30" – B.O.B. 4 min.	463-681 #
FSI	- 45" – Dead	1121 #
FHP	- 2040 #	
BHT	- 125°F	

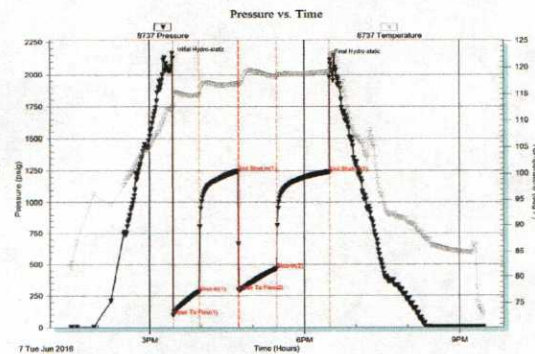


Recovery:	288' MCW	50% Water
	1118' MCW	95% Water

DST #3 LKC I – J zones

Interval (4222' – 4275') Anchor Length 53'

IHP	- 2123 #	
IFP	- 30" – B.O.B. 3 min.	96-282 #
ISI	- 45" – B.O.B. 9 min.	1244 #
FFP	- 45" – B.O.B. 6 min.	294-466 #
FSI	- 60" – Built to 1 in.	1240 #
FHP	- 2113 #	
BHT	- 121°F	



Recovery:	1240' GIP	
	310' GCO	90% Oil
	558' GCO	60% Oil
	124' OCWM	10% Oil, 10% Water
	188' OWGCM	10% Oil, 20% Water



DRILL STEM TEST REPORT

Prepared For: **King Oil Operations**

1746 150th Ave.
Ellis KS 67637

ATTN: Jason Alm

Dustbowl #1-33

33-T11s-R32w Logan Co KS

Start Date: 2016.06.05 @ 01:06:15

End Date: 2016.06.05 @ 09:23:45

Job Ticket #: 64574 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.06.11 @ 16:19:20

King Oil Operations
33-T11s-R32w Logan Co KS
Dustbowl #1-33
DSI # 1
LKC CJF
2016.06.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64574

DST#: 1

ATTN: Jason Alm

Test Start: 2016.06.05 @ 01:06:15

GENERAL INFORMATION:

Formation: **LKC C-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:38:00

Time Test Ended: 09:23:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 75

Interval: 4074.00 ft (KB) To 4160.00 ft (KB) (TVD)

Total Depth: 4160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3064.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8737

Outside

Press@RunDepth: 403.30 psig @ 4076.00 ft (KB)

Start Date: 2016.06.05

End Date:

2016.06.05

Capacity: 8000.00 psig

Last Calib.: 2016.06.06

Start Time: 01:06:15

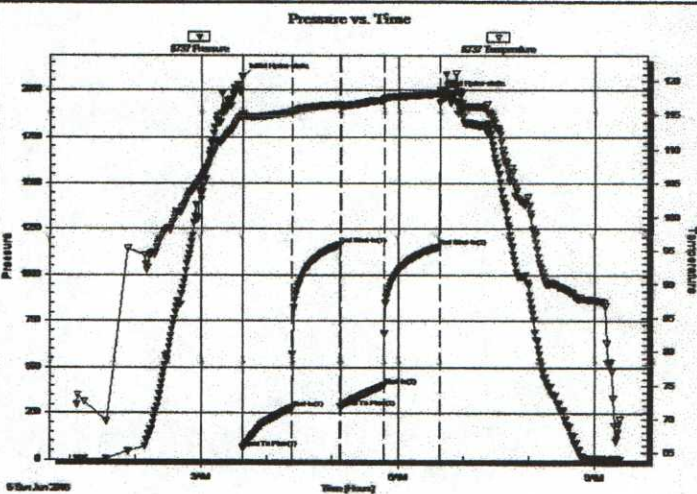
End Time:

09:23:45

Time On Btm: 2016.06.05 @ 03:37:45

Time Off Btm: 2016.06.05 @ 06:37:45

TEST COMMENT: IF:BOB in 30 min.
IS:No return blow
FF:BOB in 30 min.
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.59	115.23	Initial Hydro-static
1	61.57	114.51	Open To Flow (1)
46	279.60	115.46	Shut-In(1)
90	1164.59	116.63	End Shut-In(1)
90	284.78	116.14	Open To Flow (2)
130	403.30	117.25	Shut-In(2)
180	1153.35	118.20	End Shut-In(2)
180	1973.77	118.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3" free oil	0.00
10.00	mcow 20% m 40% o 40% m	0.13
248.00	w com 20% w 30% o 50% m	3.12
186.00	ocmw 5% o 10% m 85% w	2.53
312.00	mcw 10% m 90% w	4.38

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64574

DST#: 1

ATTN: Jason Alm

Test Start: 2016.06.05 @ 01:06:15

Tool Information

Drill Pipe:	Length: 3755.00 ft	Diameter: 3.80 inches	Volume: 52.67 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 312.00 ft	Diameter: 3.60 inches	Volume: 3.93 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: 80000.00 lb
			Total Volume: 56.60 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4074.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	28.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4054.00	
Shut In Tool	5.00			4059.00	
Hydraulic tool	5.00			4064.00	
Packer	5.00			4069.00	21.00 Bottom Of Top Packer
Packer	5.00			4074.00	
Stubb	1.00			4075.00	
Perforations	1.00			4076.00	
Recorder	0.00	8646	Inside	4076.00	
Recorder	0.00	8737	Outside	4076.00	
Bullnose	5.00			4081.00	7.00 Bottom Packers & Anchor
Total Tool Length:	28.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64574

DST#: 1

ATTN: Jason Alm

Test Start: 2016.06.05 @ 01:06:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

24000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

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
0.00	3" free oil	0.000
10.00	mcow 20%m 40%o 40%m	0.126
248.00	w com 20%w 30%o 50%m	3.122
186.00	ocmw 5%o 10%m 85%w	2.531
312.00	mcw 10%m 90%w	4.377

Total Length: 756.00 ft Total Volume: 10.156 bbl

Num Fluid Samples: 0

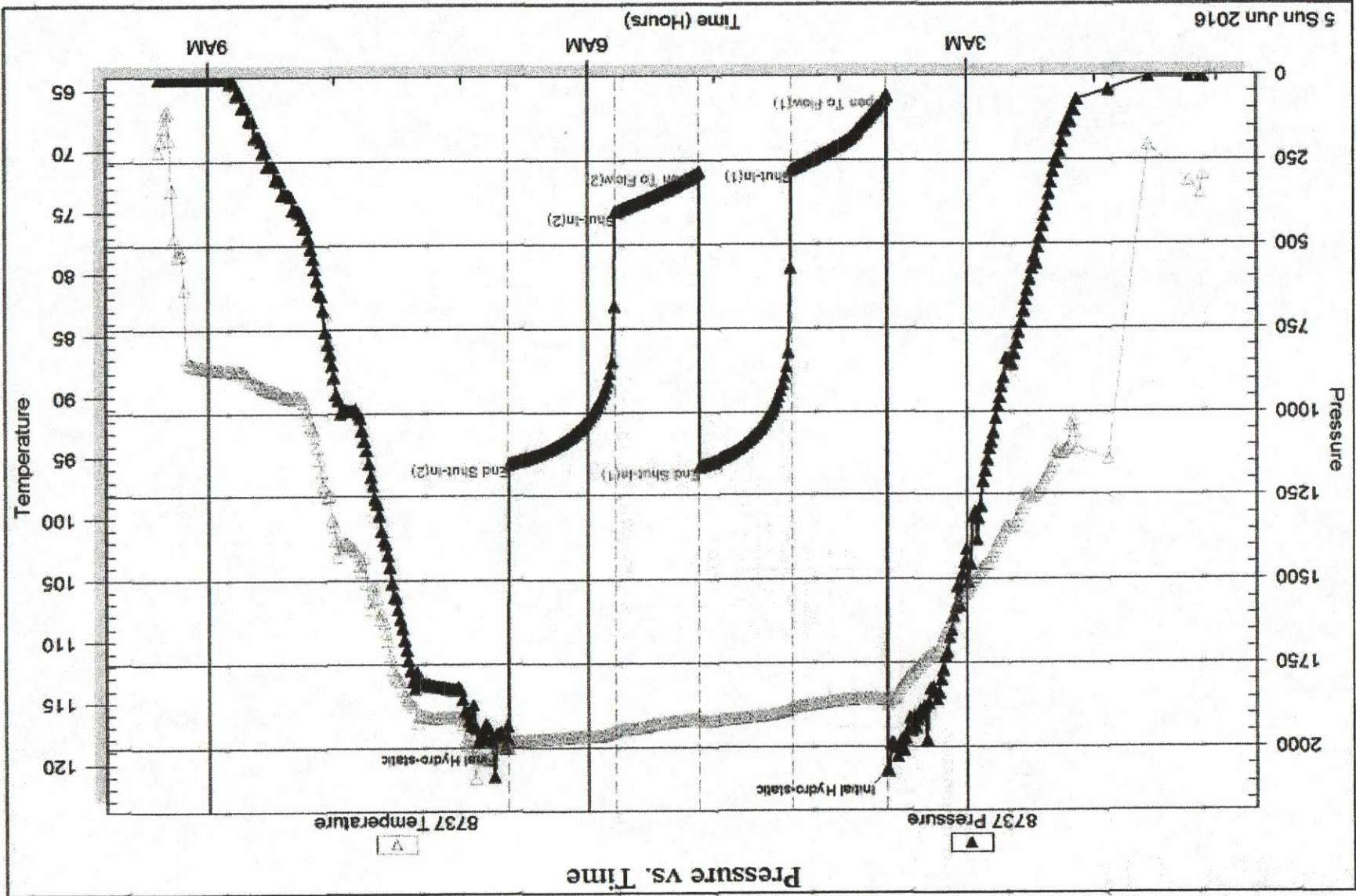
Num Gas Bombs: 0

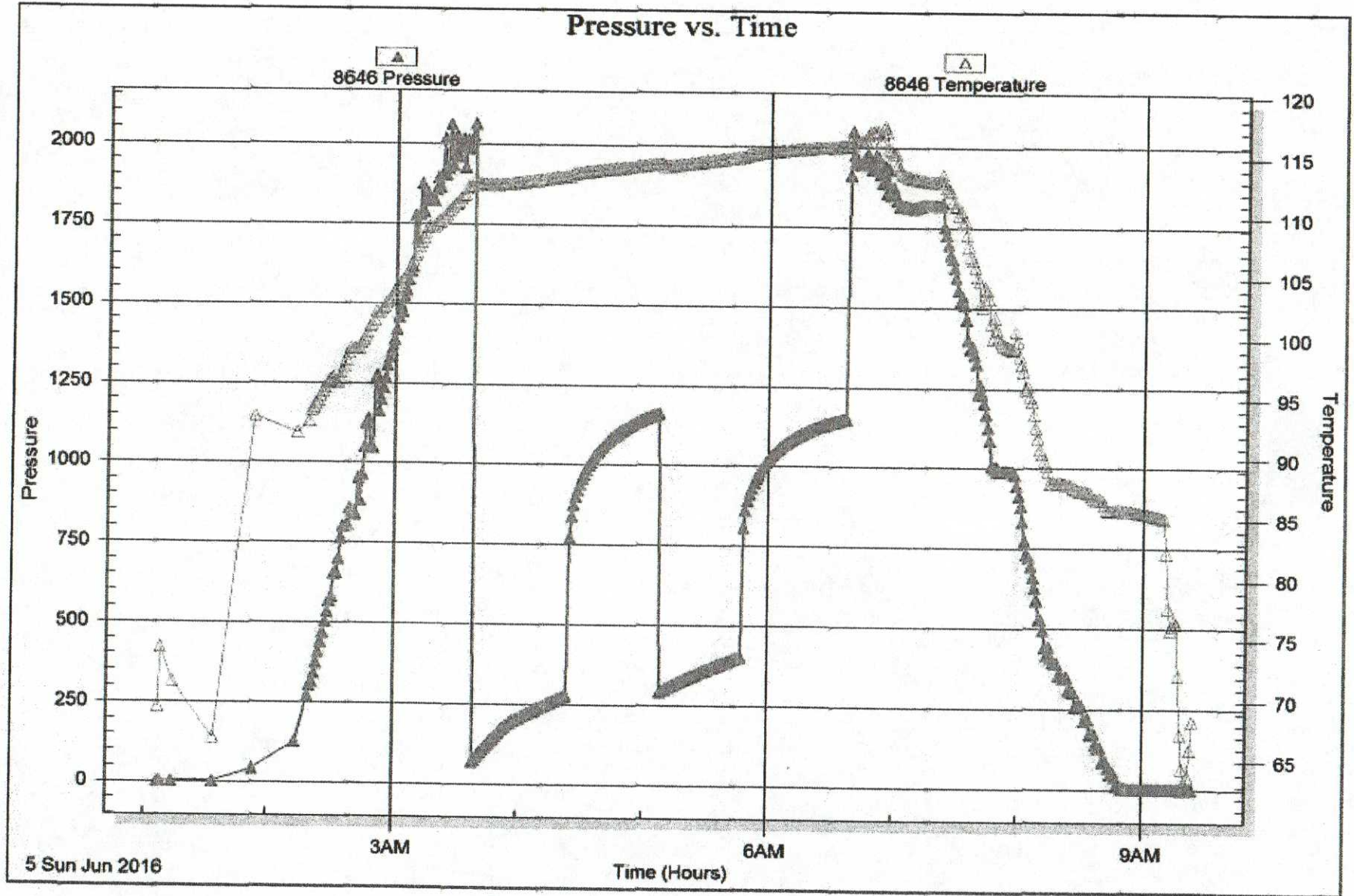
Serial#:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .320@ 72.6*= 24,000 ppm







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **King Oil Operations**

1746 150th Ave.
Ellis KS 67637

ATTN: Jason Alm

Dustbowl #1-33

33-T11s-R32w Logan Co KS

Start Date: 2016.06.06 @ 20:23:15

End Date: 2016.06.07 @ 03:55:15

Job Ticket #: 64575 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

King Oil Operations

1746 150th Ave.
Ellis KS 67637

ATTN: Jason Alm

33-T11s-R32w Logan Co KS

Dustbowl #1-33

Job Ticket: 64575

DST#: 2

Test Start: 2016.06.06 @ 20:23:15

GENERAL INFORMATION:

Formation: LKC "H"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:36:30

Time Test Ended: 03:55:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 75

Interval: 4182.00 ft (KB) To 4225.00 ft (KB) (TVD)

Total Depth: 4225.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3064.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8737

Outside

Press@RunDepth: 680.77 psig @ 4220.00 ft (KB)

Start Date: 2016.06.06

End Date: 2016.06.07

Capacity: 8000.00 psig

Last Calib.: 2016.06.07

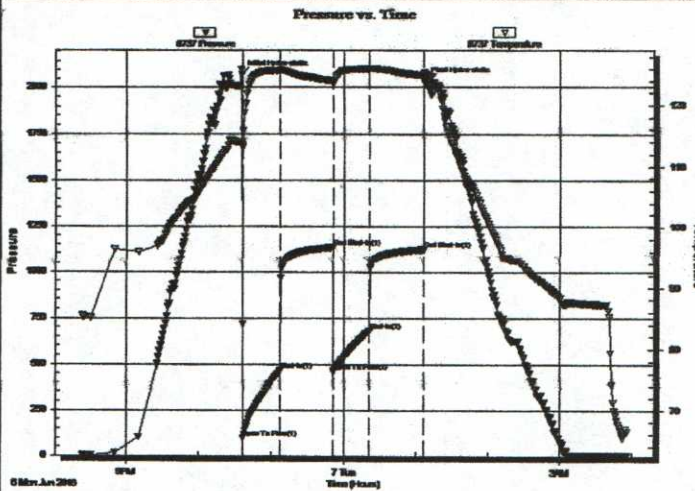
Start Time: 20:23:15

End Time: 03:55:15

Time On Btm: 2016.06.06 @ 22:36:00

Time Off Btm: 2016.06.07 @ 01:07:00

TEST COMMENT: IF:BOB in 2 min.
IS:No return blow
FF:BOB in 4 min.
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.49	113.99	Initial Hydro-static
1	97.00	113.46	Open To Flow (1)
32	465.22	125.88	Shut-In(1)
76	1132.48	124.01	End Shut-In(1)
76	463.18	123.60	Open To Flow (2)
106	680.77	126.06	Shut-In(2)
151	1120.93	124.96	End Shut-In(2)
151	2039.54	125.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1118.00	mcsw 5% m 95% sw	15.23
288.00	mcw 50% m 50% sw	4.04

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64575

DST#: 2

ATTN: Jason Alm

Test Start: 2016.06.06 @ 20:23:15

Tool Information

Drill Pipe:	Length: 3884.00 ft	Diameter: 3.80 inches	Volume: 54.48 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 312.00 ft	Diameter: 3.80 inches	Volume: 3.93 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: 80000.00 lb
			<u>Total Volume: 58.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4182.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4163.00	
Shut In Tool	5.00			4168.00	
Hydraulic tool	5.00			4173.00	
Packer	5.00			4178.00	20.00 Bottom Of Top Packer
Packer	4.00			4182.00	
Stubb	1.00			4183.00	
Perforations	37.00			4220.00	
Recorder	0.00	8646	Inside	4220.00	
Recorder	0.00	8737	Outside	4220.00	
Bullnose	5.00			4225.00	43.00 Bottom Packers & Anchor
Total Tool Length:	63.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64575

DST#: 2

ATTN: Jason Alm

Test Start: 2016.06.06 @ 20:23:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1118.00	mcsw 5% <i>m</i> 95% <i>sw</i>	15.234
288.00	mcw 50% <i>m</i> 50% <i>sw</i>	4.040

Total Length: 1406.00 ft

Total Volume: 19.274 bbl

Num Fluid Samples: 0

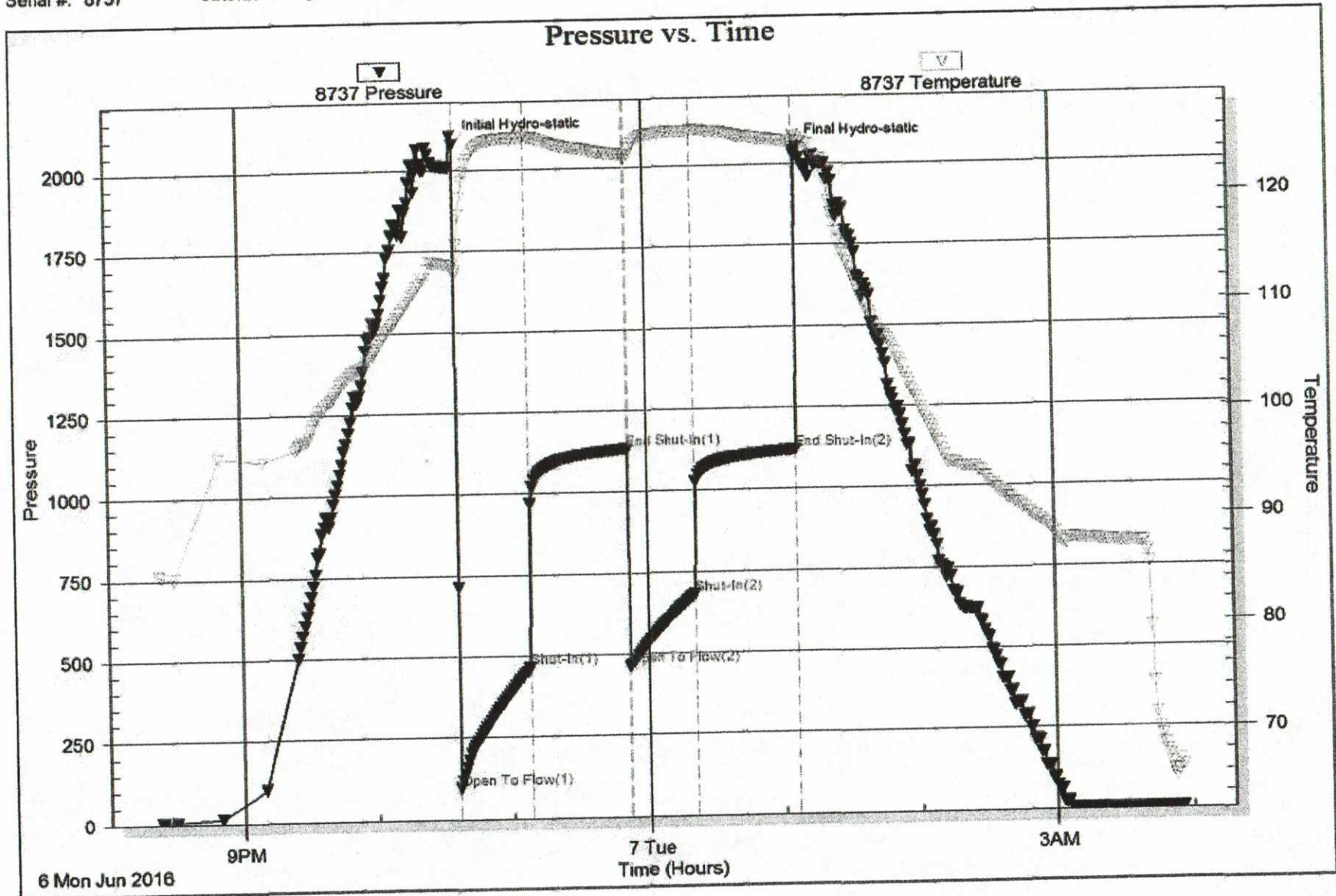
Num Gas Bombs: 0

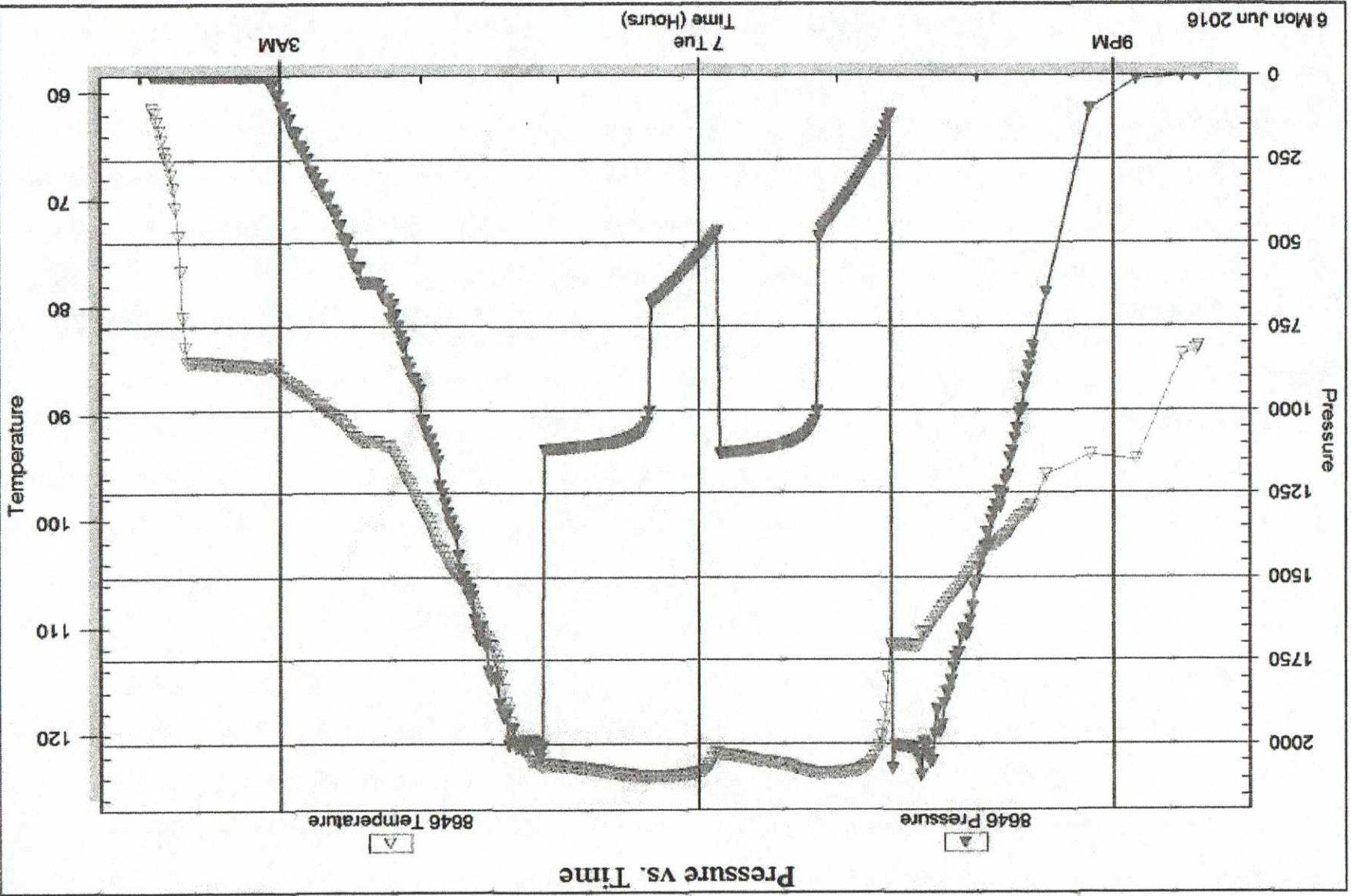
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= 27,000 ppm







TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **King Oil Operations**

1746 150th Ave.
Ellis KS 67637

ATTN: Jason Alm

Dustbowl #1-33

33-T11s-R32w Logan Co KS

Start Date: 2016.06.07 @ 13:28:15

End Date: 2016.06.07 @ 21:27:15

Job Ticket #: 64576 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.06.11 @ 16:17:58



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

King Oil Operations
 1746 150th Ave.
 Ellis KS 67637
 ATTN: Jason Alm

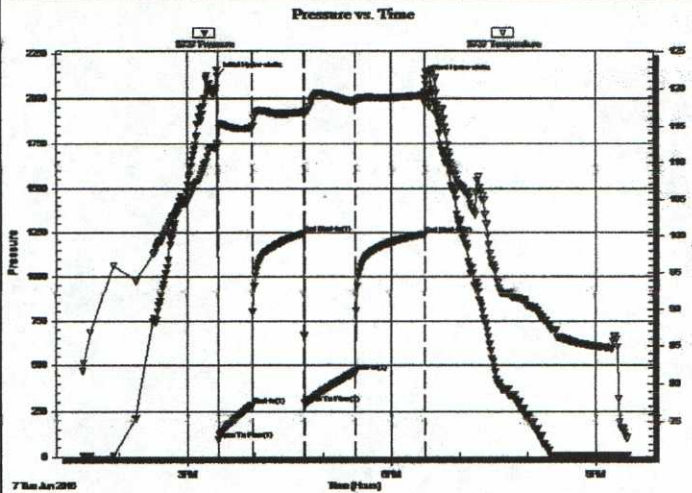
33-T11s-R32w Logan Co KS
Dustbowl #1-33
 Job Ticket: 64576 DST#: 3
 Test Start: 2016.06.07 @ 13:28:15

GENERAL INFORMATION:

Formation: **LKC I-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:27:15
 Time Test Ended: 21:27:15
 Interval: **4222.00 ft (KB) To 4275.00 ft (KB) (TVD)**
 Total Depth: 4275.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 75
 Reference Elevations: 3064.00 ft (KB)
 3056.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8737 **Outside**
 Press@RunDepth: 466.35 psig @ 4227.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.06.07 End Date: 2016.06.07 Last Calib.: 2016.06.07
 Start Time: 13:28:15 End Time: 21:27:15 Time On Btm: 2016.06.07 @ 15:26:45
 Time Off Btm: 2016.06.07 @ 18:29:45

TEST COMMENT: IF:BOB in 3 min.
 IS:BOB in 9 min died to 8" blow
 FF:BOB in 6 min.
 FS:Built to 1" died back to weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.92	112.72	Initial Hydro-static
1	96.95	112.49	Open To Flow (1)
31	282.23	114.77	Shut-In(1)
77	1244.77	116.92	End Shut-In(1)
77	294.92	116.73	Open To Flow (2)
121	466.35	118.31	Shut-In(2)
183	1240.33	119.16	End Shut-In(2)
183	2113.13	121.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (tbl)
188.00	ow gcm 10%o 20%w 20%g 50%m	2.37
124.00	ocw mg 10%o 10%w 30%m 50%g	1.56
558.00	gco 40%g 60%o	7.83
310.00	gco 10%g 90%o	4.35
0.00	GIIP= 1240 ft	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64576

DST#: 3

ATTN: Jason Alm

Test Start: 2016.06.07 @ 13:28:15

Tool Information

Drill Pipe:	Length: 3915.00 ft	Diameter: 3.80 inches	Volume: 54.92 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 312.00 ft	Diameter: 3.60 inches	Volume: 3.93 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: 80000.00 lb
			<u>Total Volume: 58.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4222.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	81.00 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			4195.00	
Shut In Tool	5.00			4200.00	
Hydraulic tool	5.00			4205.00	
Jars	5.00			4210.00	
Safety Joint	3.00			4213.00	
Packer	5.00			4218.00	28.00 Bottom Of Top Packer
Packer	4.00			4222.00	
Stubb	1.00			4223.00	
Perforations	4.00			4227.00	
Recorder	0.00	8646	Inside	4227.00	
Recorder	0.00	8737	Outside	4227.00	
Change Over Sub	1.00			4228.00	
Drill Pipe	32.00			4260.00	
Change Over Sub	1.00			4261.00	
Perforations	9.00			4270.00	
Bullnose	5.00			4275.00	53.00 Bottom Packers & Anchor
Total Tool Length:	81.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

King Oil Operations

33-T11s-R32w Logan Co KS

1746 150th Ave.
Ellis KS 67637

Dustbowl #1-33

Job Ticket: 64576

DST#: 3

ATTN: Jason Alm

Test Start: 2016.06.07 @ 13:28:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.95 in³

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 bbf
188.00	ow gcm 10%o 20%w 20%g 50%m	2.367
124.00	ocw mg 10%o 10%w 30%m 50%g	1.561
558.00	gco 40%g 60%o	7.827
310.00	gco 10%g 90%o	4.348
0.00	GIP= 1240 ft	0.000

Total Length: 1180.00 ft Total Volume: 16.103 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

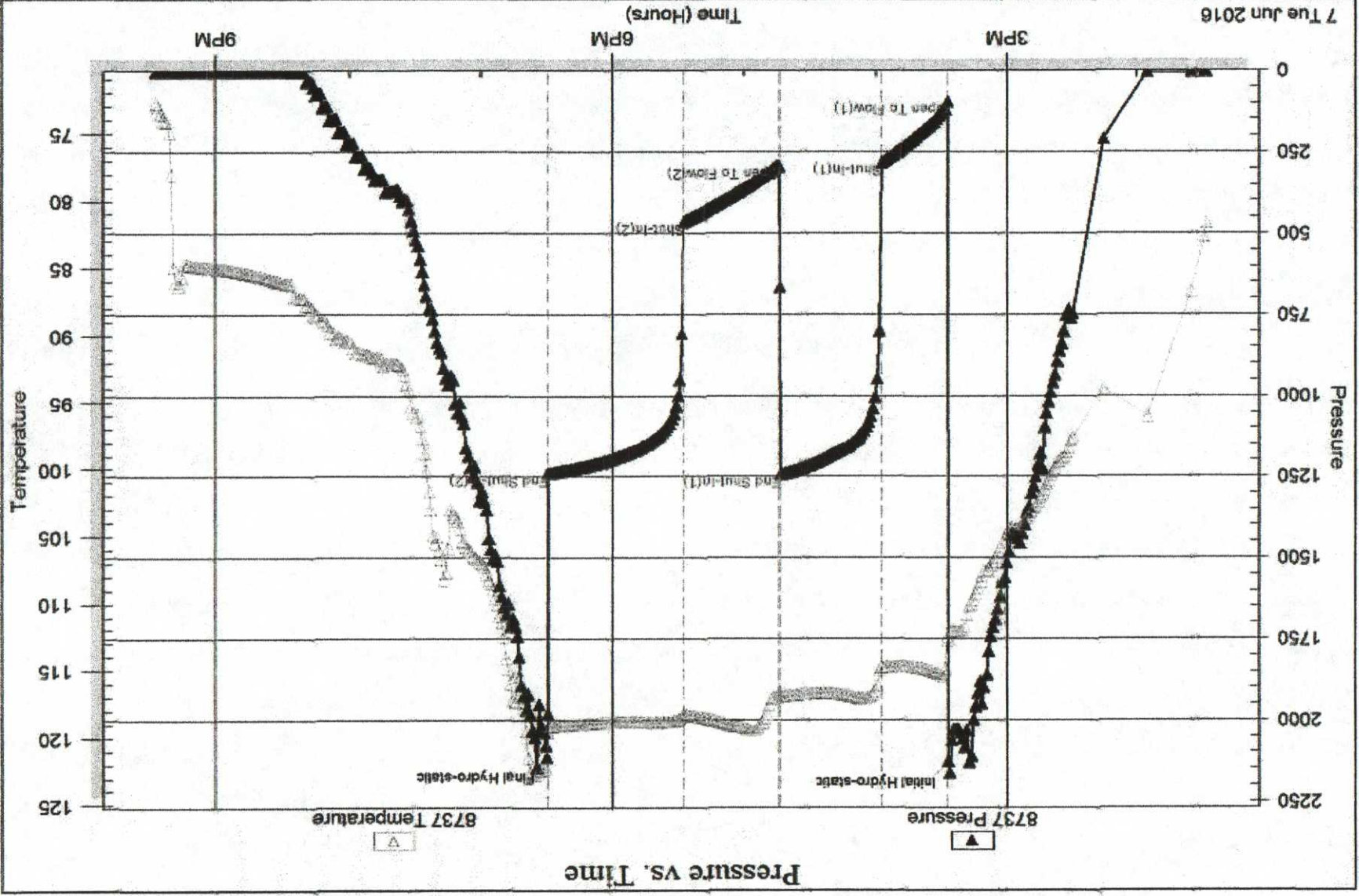
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .314 @ 71.3 = 27,000 ppm

API= 35 @ 70 corrected to 34 @ 60*



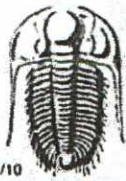
DST Test Number: 3

Dustbow #1-33

King Oil Operations

Outside

Serial #: 8737



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64574

Well Name & No. Dustbowl #1-33 Test No. 1 Date 6-5-16
 Company King Oil Operations Elevation 3064 KB 3056 GL
 Address 1746 150th Ave Ellis KS 67637
 Co. Rep / Geo. Jason Alm Rig Disco 1
 Location: Sec. 33 Twp. T11S Rge. R32W Co. Logan State KS

Interval Tested 4074-4160 Zone Tested LKC C-F
 Anchor Length 86 Drill Pipe Run 0 Mud Wt. 8.8
 Top Packer Depth 4069 Drill Collars Run 3755 Vis 53
 Bottom Packer Depth 4074 Wt. Pipe Run 312 (3.4) WL 8.0
 Total Depth 4160 Chlorides 3000 ppm System LCM 2
 Blow Description IF: BOB in 10 Min
IS: ~~BOB in 10 Min~~ No Return Blow
FF: BOB in 10 Min
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
	<u>Free Oil 3"</u>				
Rec <u>10</u>	Feet of <u>MCOW</u>	%gas <u>40</u>	%oil <u>40</u>	%water <u>20</u>	%mud
Rec <u>248</u>	Feet of <u>WCOM</u>	%gas <u>30</u>	%oil <u>20</u>	%water <u>50</u>	%mud
Rec <u>186</u>	Feet of <u>OCMW</u>	%gas <u>5</u>	%oil <u>85</u>	%water <u>10</u>	%mud
Rec <u>312</u>	Feet of <u>MCW</u>	(w/ Pipe) %gas	%oil <u>90</u>	%water <u>10</u>	%mud

Rec Total 756 BHT 123 Gravity — API RW 1320 @ 72.4°F Chlorides 24,000 ppm
 (A) Initial Hydrostatic 2067 Test \$1150.00/- T-On Location 22:32
 (B) First Initial Flow 61 Jars T-Started 01:06
 (C) First Final Flow 279 Safety Joint T-Open 03:37
 (D) Initial Shut-In 1164 Circ Sub T-Pulled 06:37
 (E) Second Initial Flow 284 Hourly Standby T-Out 09:23
 (F) Second Final Flow 403 Mileage 92RT = \$92.00 Comments _____
 (G) Final Shut-In 1153 Sampler 69 _____
 (H) Final Hydrostatic 1973 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 1219 Sub Total 0
 Initial Open 45 Ruined Shale Packer _____
 Initial Shut-In 45 Ruined Packer _____
 Final Flow 45 Extra Copies _____
 Final Shut-In 45 Day Standby _____
 Sub Total \$1242.00/- Total 1219
 Approved By _____ Our Representative Mike Roberts MP/DST Disc't _____

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 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway - Hays, Kansas 67601

Test Ticket

NO. 64575

Well Name & No. Dustbowl #1-33 Test No. 2 Date 6-6-16
 Company King Oil Operations Elevation 3064 KB 3056 GL
 Address 1746 150th Ave Ellis KS 67637
 Co. Rep / Geo. Jason Alm Rig DISCO1
 Location: Sec. 33 Twp. T11S Rge. R22W Co. Logan State KS

Interval Tested 4182-4225 Zone Tested LKC "H"
 Anchor Length 43 Drill Pipe Run 3884 Mud Wt. 9.0
 Top Packer Depth 4177 Drill Collars Run 0 Vis 54
 Bottom Packer Depth 4182 Wt. Pipe Run 312 WL 8.0
 Total Depth 4225 Chlorides 4000 ppm System LCM 2

Blow Description IF: BOB in 2 Min
IS: NO Return Blow
FF: BOB in 4 Min.
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>288</u>	<u>mcw</u>		<u>50</u>	<u>50</u>	
<u>1118</u>	<u>mcsu</u>		<u>95</u>	<u>5</u>	

Rec Total BHT 125 Gravity API RW 30.1 @ 62.8°F Chlorides 27000 ppm

(A) Initial Hydrostatic 2075 Test #1150.09 T-On Location 19:00
 (B) First Initial Flow 97 Jars T-Started 20:23
 (C) First Final Flow 465 Safety Joint T-Open 22:37
 (D) Initial Shut-In 1132 Circ Sub NC T-Pulled 01:07
 (E) Second Initial Flow 463 Hourly Standby T-Out 03:55
 (F) Second Final Flow 680 Mileage 92RT = #92.09 Comments _____
 (G) Final Shut-In 1120 Sampler 69 _____
 (H) Final Hydrostatic 2039 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45
 Sub Total 0
 Total 1219
 MP/DST Disc't _____

Approved By _____ Our Representative Mike Roberts

TriLOBITE TESTING INC. shall not be liable for damaged or 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64576

Well Name & No. Dustbowl #1-33 Test No. 3 Date 6-7-16
 Company King Oil Operations Elevation 3064 KB 3056 GL
 Address 1746 150th Ave Ellis KS 67637
 Co. Rep / Geo. Jason Alm Rig Disco 1
 Location: Sec. 33 Twp. T11S Rge. R22W Co. Logan State KS

Interval Tested 4222-4275 Zone Tested LKC "I-5"
 Anchor Length 53 Drill Pipe Run 3915 Mud Wt. 9.2
 Top Packer Depth 4217 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 4222 Wt. Pipe Run 312 WL 6.8
 Total Depth 4275 Chlorides 5000 ppm System LCM 2

Blow Description IF: BOB in 3 Min.
IS: BOB in 9 Min Died to 8"
FF: BOB in 6 Min.
FS: Built to 1" Died to Weak Surface Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>GIP = 1240'</u>	<u>100</u>			
<u>310</u>	<u>900</u>	<u>10</u>	<u>90</u>		
<u>558</u>	<u>900</u>	<u>40</u>	<u>60</u>		
<u>124</u>	<u>OCWmg</u>	<u>Hw 50</u>	<u>10</u>	<u>10</u>	<u>30</u>
<u>188</u>	<u>OWGCM</u>	<u>Hw 20</u>	<u>10</u>	<u>20</u>	<u>50</u>

Rec Total BHT 119 Gravity 34 API RW 314 @ 71.3° F Chlorides 27000 ppm
 (A) Initial Hydrostatic 2127 Test #1150.00 T-On Location 12:15
 (B) First Initial Flow 96 Jars T-Started 13:28
 (C) First Final Flow 282 Safety Joint T-Open 15:37
 (D) Initial Shut-In 1244 Circ Sub NL T-Pulled 18:27
 (E) Second Initial Flow 294 Hourly Standby T-Out 21:27
 (F) Second Final Flow 466 Mileage 92RT = #92.00 Comments Loaded Too
 (G) Final Shut-In 1240 Sampler 69+69 at 12:30 P.M
 (H) Final Hydrostatic 2133 Straddle on 6-8-16
 Ruined Shale Packer
 Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 45 Extra Recorder Sub Total 800
 Final Flow 45 Day Standby 1.5d 3h Total 1288+800
 Final Shut-In 60 Accessibility 1288 MP/DST Disc't
 Sub Total 1288

Approved By _____ Our Representative Mike Roberts
 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.

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. 1712

Date	6-9-16	Sec.	33	Twp.	11	Range	32	County	Logan	State	Ks	On Location		Finish	10:45 PM
------	--------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	----------

Location Oakley, Ks - LTS to Apache Ace, 2w

Lease	<u>Dustbowl</u>	Well No.	<u>1-33</u>	Owner	<u>KU S EIS</u>
Contractor	<u>Discovery</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>Top Stage</u>			Charge To	<u>King oil operation</u>
Hole Size	<u>7 7/8"</u>	T.D.	<u>4720'</u>	Street	
Csg.	<u>5 1/2" New 15 1/2#</u>	Depth	<u>4702.41'</u>	City	
Tbg. Size		Depth		State	
Tool	<u>DV Tool #54</u>	Depth	<u>2579.72'</u>	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	<u>18.22</u>	Shoe Joint	<u>18.22</u>	Cement Amount Ordered	<u>460 60/40 QMDC 1/2#</u>
Meas Line		Displace	<u>61 1/4 BCS</u>	<u>Flt - seal</u>	

EQUIPMENT

Pumptrk	<u>18</u>	No.		Cementer	<u>Craig Rick</u>	Common
				Helper		Poz. Mix
Bulktrk	<u>19</u>	No.		Driver	<u>Billy</u>	Gel.
				Driver		Calcium
Bulktrk	<u>20</u>	No.		Driver		
				Driver		

JOB SERVICES & REMARKS

Remarks:		Salt
Rat Hole	<u>30 5x Cement did NOT</u>	Flowseal
Mouse Hole	<u>15 5x Circulate</u>	Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar	<u># 54 2579.72'</u>	Sand
	<u>open tool 1500 # Est 1000</u>	Handling
	<u>Circulation plug Pathade</u>	Mileage
	<u>w/ 30 plug mousehole w/ 15 5x</u>	FLOAT EQUIPMENT
	<u>Hook to 15 5x casing + mix</u>	Guide Shoe
	<u>415 5x Cement. Shut down</u>	Centralizer
	<u>Released plug + Displaced w/</u>	Baskets
	<u>61 1/4 BCS H2O.</u>	AFU Inserts
	<u>Ret Closed Tool 1500 #</u>	Float Shoe
		Latch Down
	<u>Released + hold</u>	
	<u>Lift pressure 400</u>	
	<u>Lost Circulation @ 15 BCS out</u>	Pumptrk Charge
	<u>Did NOT get it back. Did get</u>	Mileage
	<u>Lift pressure of 400#.</u>	

X Signature [Signature]

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. 1711

Date	6-9-16	Sec.	33	Twp.	11	Range	32	County	Logan	State	Ks	On Location		Finish	9:30 PM
------	--------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Lease	Dustbowl		Well No.	1-33		Owner	1/45 E15								
-------	----------	--	----------	------	--	-------	----------	--	--	--	--	--	--	--	--

Contractor	Discovery	1	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	Bottom Stage	Charge To King oil operation													
----------	--------------	------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--

Hole Size	7 7/8"	T.D.	4720'		Street										
-----------	--------	------	-------	--	--------	--	--	--	--	--	--	--	--	--	--

Csg.	5 1/2" New 15 1/2#	Depth	4702.41'		City State										
------	--------------------	-------	----------	--	------------	--	--	--	--	--	--	--	--	--	--

Tbg. Size		Depth			The above was done to satisfaction and supervision of owner agent or contractor.										
-----------	--	-------	--	--	--	--	--	--	--	--	--	--	--	--	--

Tool	DW Tool	Depth	2579.72' #54		Cement Amount Ordered 220 60/40 10% Salt 5%										
------	---------	-------	--------------	--	---	--	--	--	--	--	--	--	--	--	--

Cement Left in Csg.	18.22'	Shoe Joint	18.22'		Meas Line Displace 111 1/2 BCS Gilsonite - 500 gal mud Clear 48										
---------------------	--------	------------	--------	--	---	--	--	--	--	--	--	--	--	--	--

EQUIPMENT

Pumptrk	18	No.	Cementer		Common
			Helper	Craig Rick	Poz. Mix
Bulktrk	15	No.	Driver	Tim	Gel.
			Driver		
Bulktrk	19	No.	Driver	Billy	Calcium
			Driver		

JOB SERVICES & REMARKS

Remarks:	50 1/4 water 61 1/4 mud					Hulls
Rat Hole						Salt
Mouse Hole						Flowseal
Centralizers	1, 3, 5, 7, 9, 11, 14, 53					Kol-Seal
Baskets	#2, #54					Mud CLR 48
DW or Port Collar	#54, 2579.72'					CFL-117 or CD110 CAF 38
Pipe on bottom break	Circulation					Sand
pump 500 gal mud clear	48					Handling
mix 220 ss cement, shutdown						Mileage

FLOAT EQUIPMENT

wash pump + lines	Released plug					Guide Shoe
p Displaced w/ 50 1/4 BCS of H2O						Centralizer 8
61 1/4 muds, Released + held						Baskets 2
Lift pressure	800 #					AFU Inserts
Land plug to	1500 #					Float Shoe
Drop Dart open tool	1800 #					Latch Down
Est. Circulation						DW Tool w/ latch down

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature

[Handwritten Signature]

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman
Shari Feist Albrecht, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

October 05, 2016

Rodney L. King
King, Rodney L. dba King Oil Operation
1746 150TH AVE.
ELLIS, KS 67637-9300

Re: ACO-1
API 15-109-21464-00-00
DUSTBOWL 1-33
NW/4 Sec.33-11S-32W
Logan County, Kansas

Dear Rodney L. King:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 6/1/2016 and the ACO-1 was received on October 05, 2016 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department