



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1264646
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: _____



1264646

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **King Oil Operation**

1746 150th Ave.
Ellis, KS 67637

ATTN: Austin Klaus

Disney #1-18

18-13s-19w Ellis,KS

Start Date: 2015.06.11 @ 11:48:03

End Date: 2015.06.11 @ 19:47:03

Job Ticket #: 34526 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.06.15 @ 09:22:57



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

King Oil Operation

18-13s-19w Ellis,KS

1746 150th Ave.
Ellis, KS 67637

Disney #1-18

Job Ticket: 34526

DST#: 1

ATTN: Austin Klaus

Test Start: 2015.06.11 @ 11:48:03

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:15:33

Time Test Ended: 19:47:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

Interval: 3513.00 ft (KB) To 3621.00 ft (KB) (TVD)

Reference Elevations: 2081.00 ft (KB)

Total Depth: 3621.00 ft (KB) (TVD)

2074.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8655 Outside

Press@RunDepth: 164.80 psig @ 3522.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.11

End Date: 2015.06.11

Last Calib.: 2015.06.11

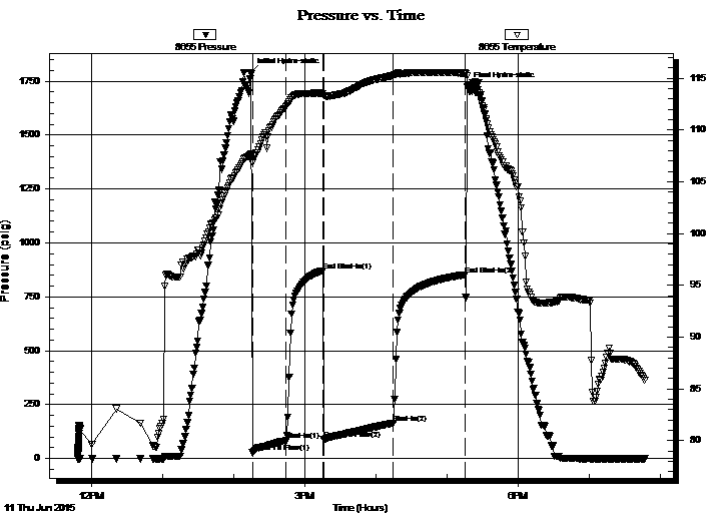
Start Time: 11:48:04

End Time: 19:47:03

Time On Btm: 2015.06.11 @ 14:14:03

Time Off Btm: 2015.06.11 @ 17:16:33

TEST COMMENT: 30- IF- BOB 19 mins
30- IS- Surface blow
60- FF- Slowly built to 2" in 14 mins and maintained blow throughout
60- FS- Surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.16	107.64	Initial Hydro-static
2	26.87	106.86	Open To Flow (1)
30	83.10	112.28	Shut-In(1)
61	871.63	113.51	End Shut-In(1)
62	87.81	113.33	Open To Flow (2)
121	164.80	115.26	Shut-In(2)
181	852.80	115.49	End Shut-In(2)
183	1725.47	115.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	SGSOCMW, 5%G 5%O 35%M 55%W	1.50
250.00	VGSWMCO, 40%G 5%W 10%M 45%O	3.54
0.00	640' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

King Oil Operation

18-13s-19w Ellis, KS

1746 150th Ave.
Ellis, KS 67637

Disney #1-18

Job Ticket: 34526

DST#: 1

ATTN: Austin Klaus

Test Start: 2015.06.11 @ 11:48:03

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:15:33

Time Test Ended: 19:47:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

Interval: 3513.00 ft (KB) To 3621.00 ft (KB) (TVD)

Reference Elevations: 2081.00 ft (KB)

Total Depth: 3621.00 ft (KB) (TVD)

2074.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8651 Inside

Press@RunDepth: psig @ 3522.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.11

End Date:

2015.06.11

Last Calib.:

2015.06.11

Start Time: 11:47:50

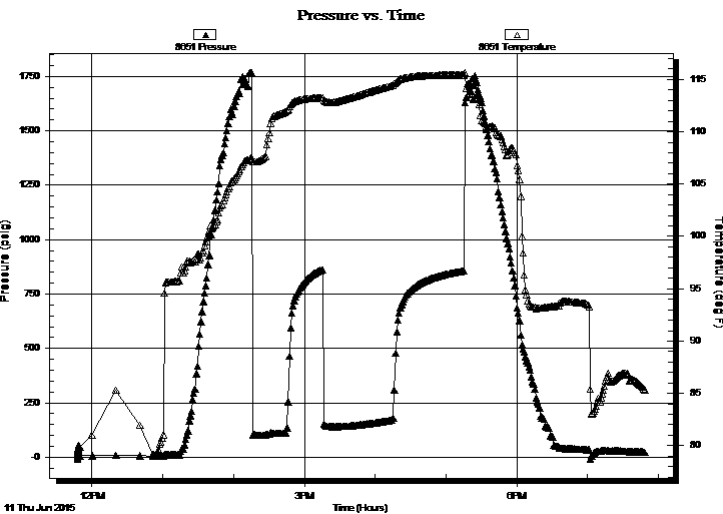
End Time:

19:48:19

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- BOB 19 mins
30- IS- Surface blow
60- FF- Slowly built to 2" in 14 mins and maintained blow throughout
60- FS- Surface blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
125.00	SGSOCMW, 5%G 5%O 35%M 55%W	1.50
250.00	VGSWMCO, 40%G 5%W 10%M 45%O	3.54
0.00	640' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

King Oil Operation

18-13s-19w Ellis,KS

1746 150th Ave.
Ellis, KS 67637

Disney #1-18

Job Ticket: 34526

DST#: 1

ATTN: Austin Klaus

Test Start: 2015.06.11 @ 11:48:03

Tool Information

Drill Pipe:	Length: 3472.00 ft	Diameter: 3.82 inches	Volume: 49.22 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3513.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	108.00 ft			
Tool Length:	128.00 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			3494.00	
Shut In Tool	5.00			3499.00	
Hydraulic tool	5.00			3504.00	
Packer	5.00			3509.00	20.00 Bottom Of Top Packer
Packer	4.00			3513.00	
Stubb	1.00			3514.00	
Perforations	7.00			3521.00	
Change Over Sub	1.00			3522.00	
Recorder	0.00	8651	Inside	3522.00	
Recorder	0.00	8655	Outside	3522.00	
Drill Pipe	95.00			3617.00	
Change Over Sub	1.00			3618.00	
Bullnose	3.00			3621.00	108.00 Bottom Packers & Anchor

Total Tool Length: 128.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

King Oil Operation

18-13s-19w Ellis,KS

1746 150th Ave.
Ellis, KS 67637

Disney #1-18

Job Ticket: 34526

DST#: 1

ATTN: Austin Klaus

Test Start: 2015.06.11 @ 11:48:03

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:

11000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	SGSOCMW, 5%G 5%O 35%M 55%W	1.503
250.00	VGSWMCO, 40%G 5%W 10%M 45%O	3.544
0.00	640' GIP	0.000

Total Length: 375.00 ft

Total Volume: 5.047 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

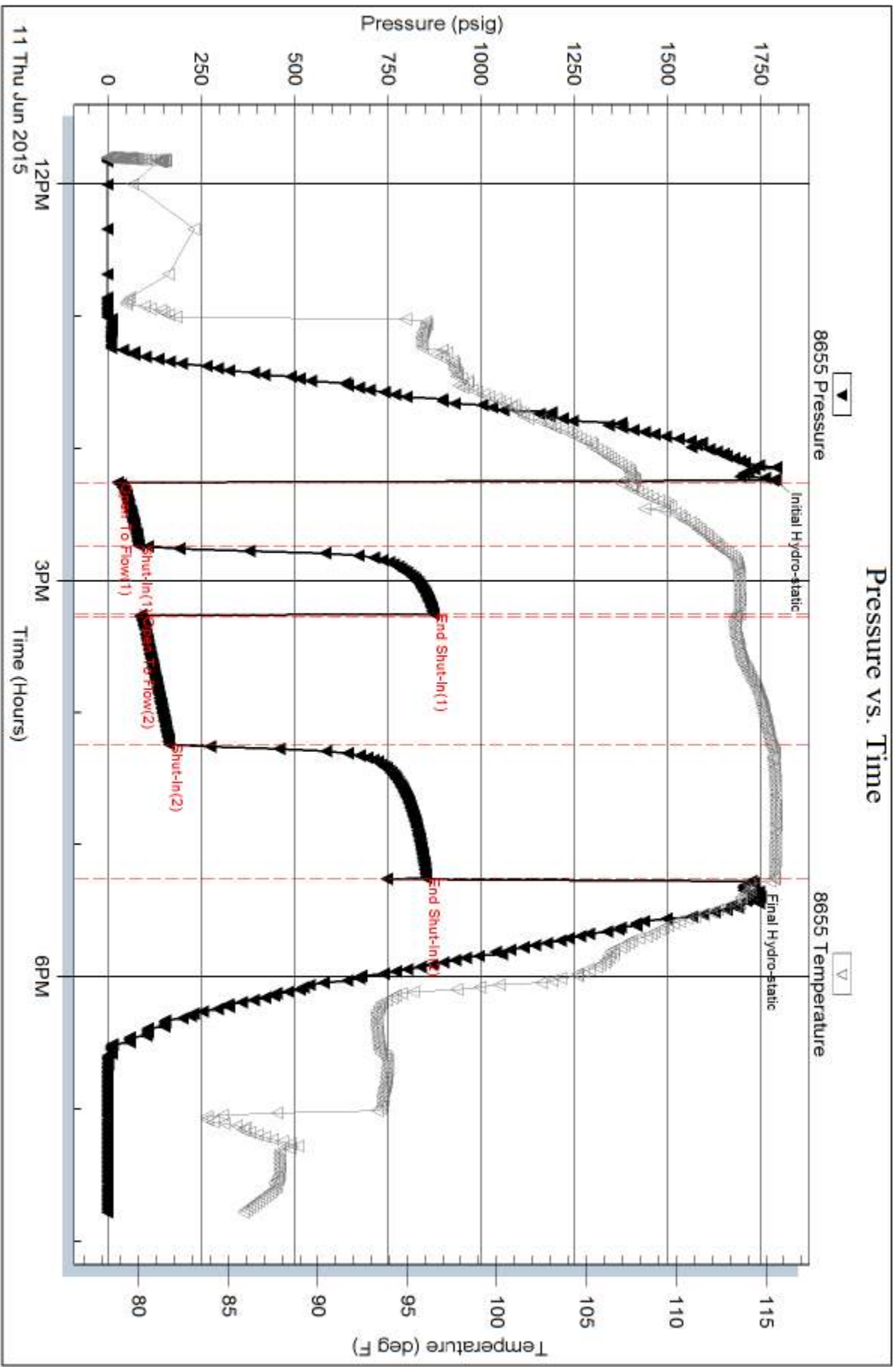
Recovery Comments:

Serial #: 8655

Outside King Oil Operation

Disney #1-18

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 34526

Printed: 2015.06.15 @ 09:22:59

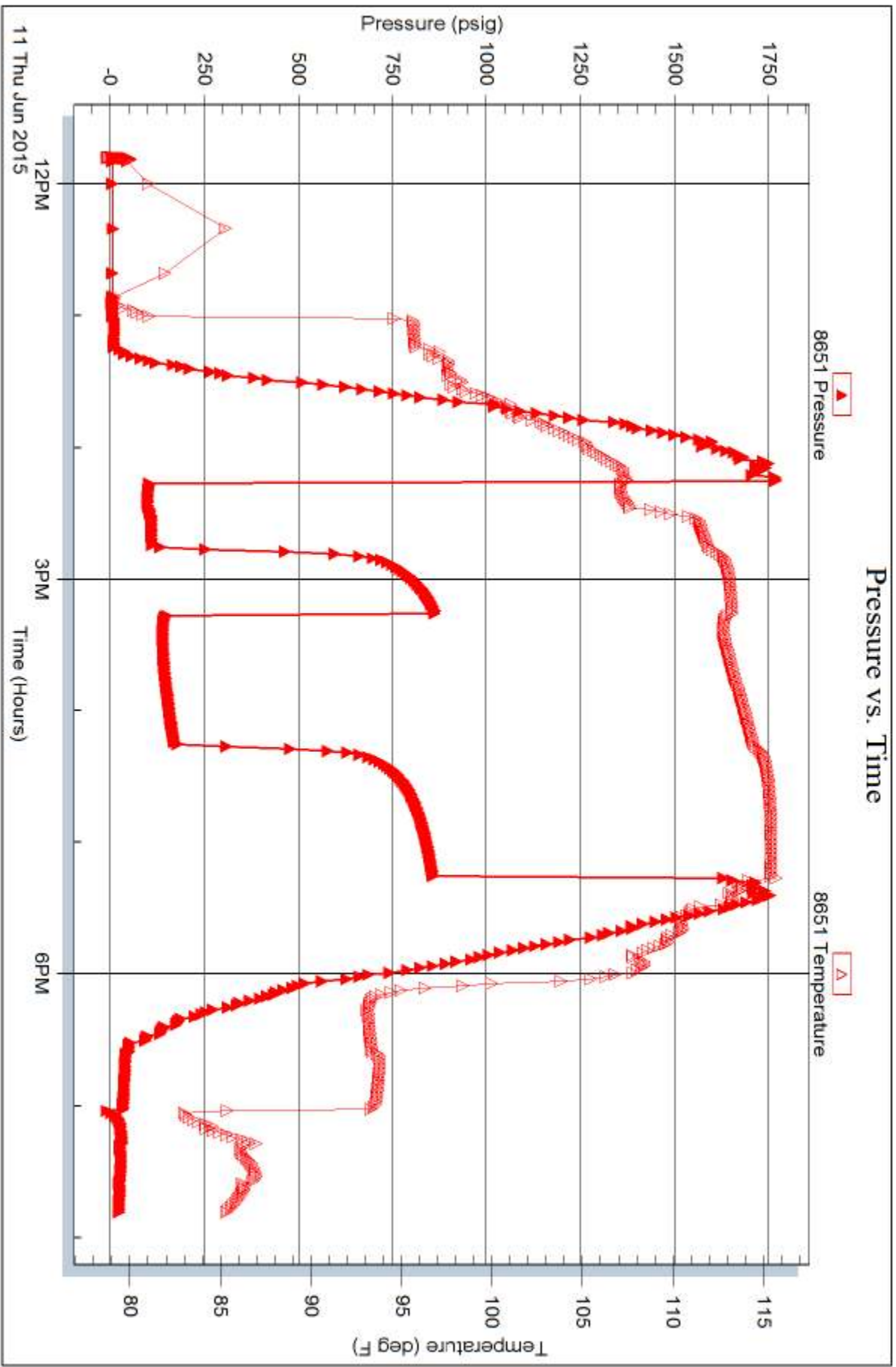
Serial #: 8651

Inside

King Oil Operation

Disney #1-18

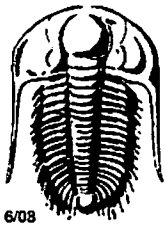
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 34526

Printed: 2015.06.15 @ 09:22:59



TRILOBITE TESTING INC.

34526

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

Well Name & No. Disney #1-18 Test No. 1 Date 6/11/15
 Company King Oil Operation Zone Tested LKC "H-K"
 Address 1746 150th Ave, Ellis, KS 67637 Elevation 2081 KB 2074 GL
 Co. Rep / Geo. Anstn Klaws Rig Discovery #1
 Location: Sec. 18 Twp. 13 S Rge. 19 W Co. Ellis State KS
 Comment: Loaded tools 6/12 @ 1815

Interval Tested 3513 - 3621 Drill Pipe Size 4 1/2
 Anchor Length 108' Wt. Pipe Run _____
 Top Packer Depth 3508 Drill Collar Run 6 1/4 29'
 Bottom Packer Depth 3513 Ft. Run _____ 3472'
 Total Depth 3621 Recorder #(s) 8651 + 8655

Blow Description IF - BOB 19 mins
ISI - Surface blow
FF - slowly built to 2" in 14 mins and maintained flow throughout
FSI - Surface blow

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>375</u>	<u>640</u>	<u>29</u>	<u>346</u>
Rec. <u>125</u>	Feet of <u>3650 CW</u>	<u>5% gas</u>	<u>5% oil</u> <u>55% water</u> <u>35% mud</u>
Rec. <u>250</u>	Feet of <u>165 WMC O</u>	<u>40% gas</u>	<u>45% oil</u> <u>5% water</u> <u>10% mud</u>
Rec. _____	Feet of <u>640' LIP</u>	% gas	% oil % water % mud
Rec. _____	Feet of _____	% gas	% oil % water % mud
Rec. _____	Feet of _____	% gas	% oil % water % mud

BHT 116° °F Gravity 35 °API D @ 73 °F Corrected Gravity 34 °API
 RW .46 @ 88 °F Chlorides 11,000 ppm Recovery _____ Chlorides 8,000 ppm System

IF <u>30</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Day Standby _____
ISI <u>30</u>	<input type="checkbox"/> Jars _____	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Accessibility _____
FF <u>60</u>	<input type="checkbox"/> Safety Joint _____	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
FSI <u>60</u>	<input type="checkbox"/> Circ Sub _____	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
T-on Loc <u>1143</u>	<input type="checkbox"/> Hourly Standby _____	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
T-started <u>1148</u>	<input checked="" type="checkbox"/> Mileage <u>40 RT x 2</u>	<input type="checkbox"/> Other _____	
T-open <u>1416</u>	<u>40+40</u>		
T-pulled <u>1716</u>	Sub Total <u>1130</u>	Sub Total <u>0</u>	Sub Total <u>0</u>
T-out <u>1949</u>			Total <u>1130</u>

TriLOBite Testing, Inc. shall not be liable for damage 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.

Approved By _____ Our Representative Brennan Lonsdale

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. 1458

Date 6-13-15	Sec. 18	Twp. 13	Range 19	County Ellis	State KS	On Location	Finish 4:45 AM
Location Cemento & Hwy 40 32160RD 1/2W 3/4E S10E							

Lease D. Sney	Well No. 1-18	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 D. Sney #1	Type Job DU Job	Charge To Romey King Oil Operations
Hole Size 7 7/8	T.D. 3850	Street
Csg. 5 1/2 15.50	Depth 3847	City
Tbg. Size	Depth	State
Tool DV Tool #59	Depth 1408	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. 41.80	Shoe Joint 41.80	Cement Amount Ordered 1500m 10 1/2 Salt 5 1/2 G. 150w 70
Meas Line	Displace 90 1/2 BCL	500 gal mud clear

EQUIPMENT			Common
Pumptrk 17	No.	Cementer Craig	130
		Helper Brett	Poz. Mix
Bulktrk 14	No.	Driver Glenn	Gel.
Bulktrk 9	No.	Driver Chad	Calcium

JOB SERVICES & REMARKS		
Remarks:		Salt 13
Rat Hole		Flowseal
Mouse Hole		Kol-Seal 750 #
Centralizers		Mud CLR 48 500 gal
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
5 1/2 size 3847 Bst. Circulation.		Handling 170
Pump suggest mud clear + 1000 water		Mileage
Spacer Cement 5 1/2 with 150SK		FLOAT EQUIPMENT
Clear lines & Displace Plug		Guide Shoe 5 1/2
Plug land @ 1500ft.		Centralizer 6 Turbo's
Release Pressure Drv.		Baskets 2
2. A Pressure 800ft.		AFU Inserts DV Tool
		Float Shoe 1
		Latch Down 1

	Pumptrk Charge paid string	Bottom Stage
	Mileage 9	
	Tax	
	Discount	
	Total Charge	

X Signature **[Signature]**

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. 1459

Date <u>6-13-75</u>	Sec. <u>18</u>	Twp. <u>13</u>	Range <u>19</u>	County <u>Ellis</u>	State <u>KS</u>	On Location	Finish <u>5:45 A.M.</u>
Lease <u>Disney</u>				Well No. <u>1-18</u>		Location <u>Documents Hwy 40 3 1/2 W 100th 1/2 N 34E Sinto</u>	
Contractor <u>Discovery #1</u>				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.			
Type Job <u>DV JOB</u>		Top Stage		Charge To <u>Rodney King Oil Operations</u>			
Hole Size <u>7 7/8</u>		T.D. <u>3850</u>		Street			
Csg. <u>5 1/2 1550</u>		Depth <u>3847</u>		City			
Tbg. Size		Depth		State			
Tool <u>DV Tool #159</u>		Depth <u>1408</u>		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>41.80</u>		Shoe Joint <u>41.80</u>		Cement Amount Ordered <u>240 8 1/2 Qmhc 1/4 #10</u>			
Meas Line		Displace <u>32 3/4 B/L</u>		Common <u>240 8 1/2 Qmhc</u>			
EQUIPMENT							
Pumptrk <u>17</u>	No.	Cementer <u>Greg</u>	Poz. Mix <u>50</u>				
Bulktrk <u>14</u>	No.	Helper <u>Brett</u>	Gel.				
Bulktrk <u>9</u>	No.	Driver <u>Glenn</u>	Calcium				
Bulktrk <u>9</u>	No.	Driver <u>Chad</u>	Hulls				
JOB SERVICES & REMARKS							
Remarks:							
Rat Hole <u>30SK</u>		Salt					
Mouse Hole <u>155K</u>		Flowseal <u>60 FT</u>					
Centralizers		Kol-Seal					
Baskets		Mud CLR 48					
D/V or Port Collar		CFL-117 or CD110 CAF 38					
<u>DV Tool 1408</u>		Sand					
<u>Plug Kothole & mouse hole.</u>		Handling <u>240</u>					
<u>Cement 5 1/2 with 195SK</u>		Mileage					
<u>Displace Plug</u>		FLOAT EQUIPMENT					
<u>Cement Circulated.</u>		Guide Shoe					
<u>Plug landed @ 1000ft</u>		Centralizer					
<u>Flow Release plug Dry.</u>		Baskets					
		AFU Inserts					
		Float Shoe					
		Latch Down					
		Pumptrk Charge <u>prod string</u>					
		Mileage <u>N/C</u>					
		Tax					
		Discount					
		Total Charge					
X Signature <u>Chiff Mayfield</u>							