

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33335
Name: IA Operating, Inc
Address 1: 9915 W 21st Street, Suite B
Address 2:
City: Wichita State: KS Zip: 67205 +
Contact Person: Robert Swann
Phone: (316) 721-0036
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc
Wellsite Geologist: Stephen J Miller
Purchaser: None

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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
- Conv. to GSW
- Plug Back: Plug Back Total Depth
- Commingled Permit #:
- Dual Completion Permit #:
- SWD Permit #:
- ENHR Permit #:
- GSW Permit #:

8/13/10 8/18/10 8/19/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 137-20516-00-00

Spot Description:

NW NE Sec. 21 Twp. 2 S. R. 25 East West
1,050 Feet from North / South Line of Section
1,610 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Norton

Lease Name: D. Stapp Well #: 21-2

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2543' Kelly Bushing: 2548'

Total Depth: 3850' Plug Back Total Depth: 3850

Amount of Surface Pipe Set and Cemented at: 302' 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: 5000 ppm Fluid volume: 400 bbls

Dewatering method used: Evaporation/Backfill

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Robert D. Juan

Title: Vice President Date: 10-27-2010

KCC Office Use ONLY

- Letter of Confidentiality Received Date:
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: PA Dlg Date: 11/5/10

Operator Name: IA Operating, Inc Lease Name: D. Stapp Well #: 21-2
 Sec. 21 Twp. 2 S. R. 25 East West County: Norton

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Geologist's Well Report, Micro Log, Sonic Log, Dual Induction Log, Compensated Density Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:20%; text-align: center;">Top</td> <td style="width:20%; text-align: center;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td style="text-align: center;">2076</td> <td style="text-align: center;">+472</td> </tr> <tr> <td>Topeka</td> <td style="text-align: center;">3264</td> <td style="text-align: center;">-716</td> </tr> <tr> <td>Lansing</td> <td style="text-align: center;">3476</td> <td style="text-align: center;">-928</td> </tr> <tr> <td>Gorham Sand</td> <td style="text-align: center;">3778</td> <td style="text-align: center;">-1230</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align: center;">3802</td> <td style="text-align: center;">-1254</td> </tr> <tr> <td>Total Depth</td> <td style="text-align: center;">3840</td> <td style="text-align: center;">-1292</td> </tr> </table>		Top	Datum	Anhydrite	2076	+472	Topeka	3264	-716	Lansing	3476	-928	Gorham Sand	3778	-1230	Arbuckle	3802	-1254	Total Depth	3840	-1292
	Top	Datum																				
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Total Depth	3840	-1292																				

CASING RECORD <input checked="" 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
Surface	12 1/4"	85/8"	23#	245'	Common	190	3% CC, 2% gel

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		60/40	245	4% gel, 1/4 flo-seal

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
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		OCT 28 2010	
		KCC WICHITA	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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 (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 0	Water Bbls. 0
			Gas-Oil Ratio
			Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

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

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

No. 4058

Date	8/18/10	Sec. 21	Twp. 2	Range 25	County Norton	State KS	On Location	Finish 9:00 p.m.
Lease	Dampf	Well No.	212	Location Norton W To B 4 1/2 1/2 W S into				
Contractor	Martin 16	Owner			To Quality Oilwell Cementing, Inc.			
Type Job	Rotary Plug	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size		T.D.	3850	Charge To				
Csg.		Depth		I.A. Operating				
Tbg. Size		Depth		Street				
Tool		Depth		City State				
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line		Displace		Cement Amount Ordered 245 6 1/2 4 1/2 6 1/2 Kit No				

EQUIPMENT

Pumptrk 3	No.	Cementer	10/10
		Helper	
Bulktrk	No.	Driver	Dual
		Driver	
Bulktrk 12	No.	Driver	CSD
		Driver	

Common	147
Poz. Mix	98
Gel.	8

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

1st Plug 3781 255K

2nd 2090 255K

3rd 1345 100

4th 350 405K

5th 40' 105K

Rathole 305K

Mousehole 155K

Calcium	RECEIVED
Hulls	OCT 28 2010
Salt	KCC WICHITA
Flowseal	60#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	253
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	8 1/2 wooden plug
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	plug
Mileage	48

x Signature *Az Lehel*

Tax	
Discount	
Total Charge	

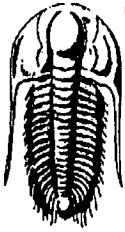
QUALITY OILWELL CEMENTING, INC.

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

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

No. 4023

Date	8-13-10	Sec.	21	Twp.	2	Range	25	County	NT	State	KS	On Location		Finish	8:45 PM										
Lease	D-Stepp		Well No.	21-2		Location		Norman W to Reager Elev. 3N 2 1/4 W					S into												
Contractor	Murfin 16					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	Surface					Charge To					JA operating														
Hole Size	12 1/4		T.D.	302		Depth					302.33														
Csg.	8 5/8 [231b]		Depth					Street																	
Tbg. Size						Depth					City					State									
Tool						Depth					City					State									
Cement Left in Csg.	10 1/2 SF		Shoe Joint					The above was done to satisfaction and supervision of owner agent or contractor.																	
Meas Line						Displace					18 1/4 bbls					Cement Amount Ordered					190 com 35 cc 20 sel				
EQUIPMENT																									
Pumptrk	9	No.	Cementer	Brandon 7		Common					190														
Bulktrk	12	No.	Driver	Neale 7		Poz. Mix																			
Bulktrk	Pu	No.	Driver	Rocky 7		Gel.					3														
JOB SERVICES & REMARKS																									
Remarks:						Calcium					6														
Rat Hole						Hulls																			
Mouse Hole						Salt																			
Centralizers						Flowseal					RECEIVED														
Baskets						Kol-Seal					OCT 28 2010														
D/V or Port Collar						Mud CLR 48					KCC WICHITA														
Cement 12 Circ bb																									
CFL-117 or CD110 CAF 38																									
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FLOAT EQUIPMENT																									
Guide Shoe																									
Centralizer																									
Baskets																									
AFU Inserts																									
Float Shoe																									
Latch Down																									
1-8 5/8 swage																									
Pumptrk Charge Surface																									
Mileage 48																									
Tax																									
Discount																									
Total Charge																									
X Signature <i>Aug 2010</i>																									



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

IA Operating

D.Stapp #21-2

9915 west 21st. street north
suite B Wichita Ks.
67205
ATTN: Steve Miller

sec21 Twp2 Rge25w

Job Ticket: 37980

DST#: 1

Test Start: 2010.08.16 @ 22:20:00

GENERAL INFORMATION:

Formation: **LKC-**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:21:00

Time Test Ended: 04:20:00

Test Type: Conventional Bottom Hole

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3490.00 ft (KB) To 3563.00 ft (KB) (TVD)

Reference Elevations: 2532.00 ft (KB)

Total Depth: 3563.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 4.00 ft

Serial #: 6741

Inside

Press@RunDepth: 26.06 psig @ 3496.60 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.16

End Date:

2010.08.17

Last Calib.: 2010.08.17

Start Time: 22:20:01

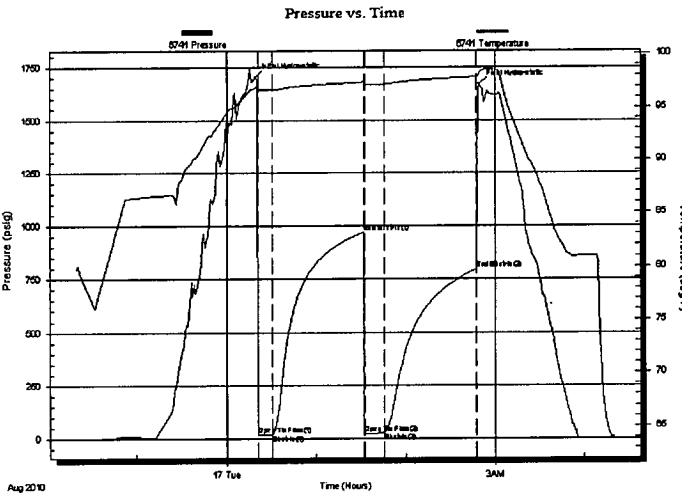
End Time:

04:20:00

Time On Btm: 2010.08.17 @ 00:19:30

Time Off Btm: 2010.08.17 @ 02:49:30

TEST COMMENT: IF: Weak surface blow, Died in 8 mins.
IS: No blow back over 60 mins.
FF: Weak surface blow, Died in 15 sec.
FSI: No blow back over 60 mins.



PRESSURE SUMMARY

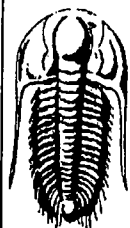
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.39	96.88	Initial Hydro-static
2	17.05	96.47	Open To Flow (1)
12	20.69	96.67	Shut-In(1)
72	967.51	97.37	End Shut-In(1)
73	22.86	97.06	Open To Flow (2)
86	26.06	97.18	Shut-In(2)
148	795.72	97.84	End Shut-In(2)
150	1669.98	98.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil specs	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating

D.Stapp #21-2

9915 west 21st. street north
suite B Wichita Ks.
67205
ATTN: Steve Miller

sec21 Twp2 Rge25w

Job Ticket: 37980

DST#: 1

Test Start: 2010.08.16 @ 22:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume: bbl

Water Loss: 10.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud with oil specs	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

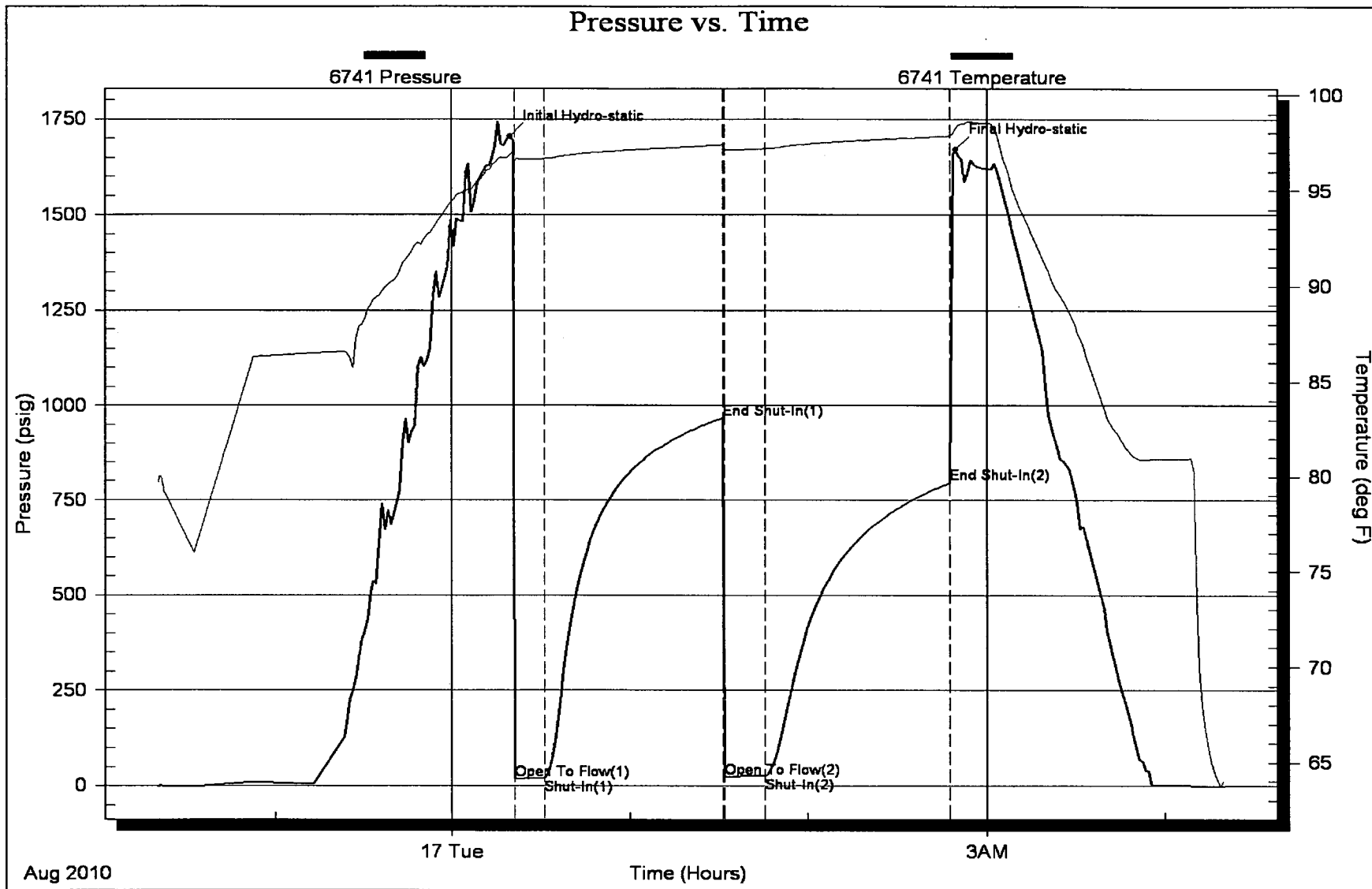
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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Aug 2010

17 Tue

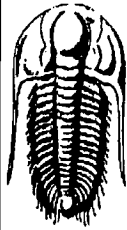
Time (Hours)

3AM

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

IA Operating

D.Stapp #21-2

9915 west 21st. street north
suite B Wichita Ks.
67205
ATTN: Steve Miller

sec21 Twp2 Rge25w

Job Ticket: 37981

DST#: 2

Test Start: 2010.08.17 @ 13:20:08

GENERAL INFORMATION:

Formation: **LKC-H,I,J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:08:08

Time Test Ended: 19:24:38

Test Type: Conventional Bottom Hole

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: **3623.00 ft (KB) To 3655.00 ft (KB) (TVD)**

Total Depth: 3655.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2532.00 ft (KB)

2528.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: 6741

Inside

Press@RunDepth: 99.36 psig @ 3624.00 ft (KB)

Start Date: 2010.08.17

End Date:

2010.08.17

Start Time: 13:20:09

End Time:

19:24:38

Capacity: 8000.00 psig

Last Calib.: 2010.08.17

Time On Btm: 2010.08.17 @ 15:05:38

Time Off Btm: 2010.08.17 @ 17:59:38

TEST COMMENT:

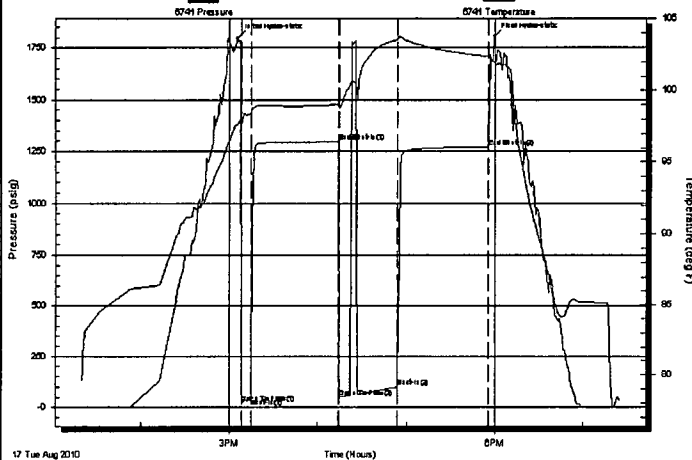
IF: Fair blow, 2 in. over 5 mins.

IS: No blow back over 60 mins.

FF: Weak surface blow, flushed tool, Weak surface blow, Died in 5 mins.

FSI: No blow back over 60 mins.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1798.04	97.58	Initial Hydro-static
3	21.06	97.50	Open To Flow (1)
9	45.33	98.42	Shut-In(1)
68	1295.98	99.01	End Shut-In(1)
69	48.24	98.75	Open To Flow (2)
108	99.36	103.53	Shut-In(2)
170	1271.66	102.37	End Shut-In(2)
174	1803.99	101.95	Final Hydro-static

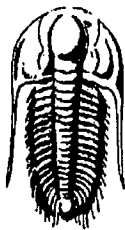
Recovery

Length (ft)	Description	Volume (bbl)
121.00	mcw -5%m95%w	1.16
62.00	mcw -40%m60%w	0.87

Gas Rates

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating

D.Stapp #21-2

9915 west 21st. street north
suite B Wichita Ks.
67205
ATTN: Steve Miller

sec21 Twp2 Rge25w

Job Ticket: 37981

DST#: 2

Test Start: 2010.08.17 @ 13:20:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.78 in³

Resistivity: 0.21 ohm.m

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 30000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	mcw -5% m95%w	1.160
62.00	mcw -40% m60%w	0.870

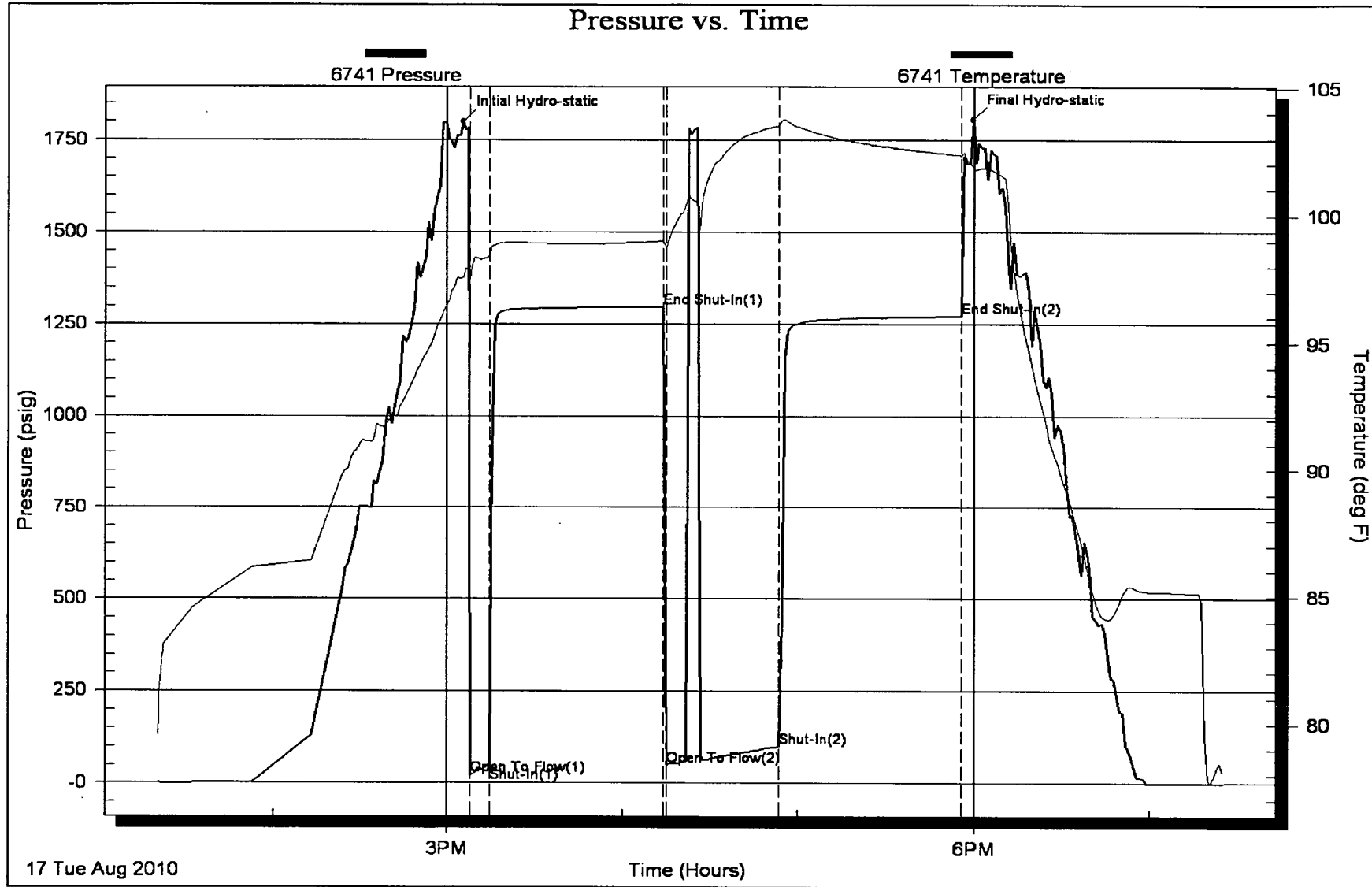
Total Length: 183.00 ft Total Volume: 2.030 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

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17 Tue Aug 2010

Time (Hours)

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