



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1125279

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **DK Operating Inc**

24583 Nw 208 Rd
Jetmore KS 67854 + 5311

ATTN: Daniel L King

Sharon #2-24

24-23s-23w Hodgeman,KS

Start Date: 2012.12.21 @ 03:13:55

End Date: 2012.12.21 @ 11:31:55

Job Ticket #: 50509 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.12.24 @ 10:54:50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DK Operating Inc
24583 Nw 208 Rd
Jetmore KS 67854 + 5311
ATTN: Daniel L King

24-23s-23w Hodgeman, KS
Sharon #2-24
Job Ticket: 50509 **DST#: 1**
Test Start: 2012.12.21 @ 03:13:55

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:07:55
Time Test Ended: 11:31:55
Interval: **4573.00 ft (KB) To 4655.00 ft (KB) (TVD)**
Total Depth: 4655.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 2400.00 ft (KB)
2390.00 ft (CF)
KB to GR/CF: 10.00 ft

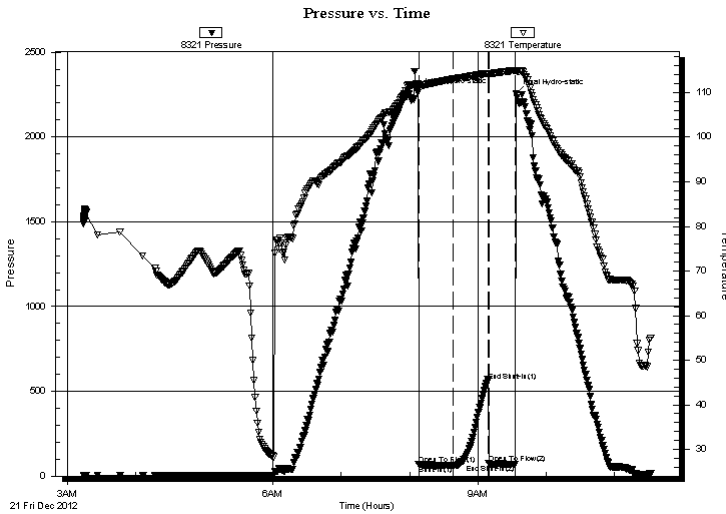
Serial #: 8321

Inside

Press @ Run Depth: 64.03 psig @ 4642.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.12.21 End Date: 2012.12.21 Last Calib.: 2012.12.21
Start Time: 03:13:56 End Time: 11:31:55 Time On Btm: 2012.12.21 @ 08:07:25
Time Off Btm: 2012.12.21 @ 09:33:25

TEST COMMENT: IFP-Weak blow built to 1/2" Died back to 1/4"
ISI-Dead no blow back
FFP-Dead Flush tool weak surface blow died out in 3 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.37	111.98	Initial Hydro-static
1	69.61	111.69	Open To Flow (1)
31	64.03	113.02	Shut-In(1)
62	560.14	114.32	End Shut-In(1)
62	73.64	114.22	Open To Flow (2)
85	67.85	114.97	End Shut-In(2)
86	2257.17	114.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 5%O 95%M	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DK Operating Inc
24583 Nw 208 Rd
Jetmore KS 67854 + 5311
ATTN: Daniel L King

24-23s-23w Hodgeman,KS
Sharon #2-24
Job Ticket: 50509 **DST#: 1**
Test Start: 2012.12.21 @ 03:13:55

Tool Information

Drill Pipe:	Length: 4567.00 ft	Diameter: 3.80 inches	Volume: 64.06 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 79000.00 lb
		Total Volume: 64.06 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4573.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	110.00 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			4546.00	
Shut In Tool	5.00			4551.00	
Hydraulic tool	5.00			4556.00	
Jars	5.00			4561.00	
Safety Joint	3.00			4564.00	
Packer	4.00			4568.00	28.00 Bottom Of Top Packer
Packer	5.00			4573.00	
Stubb	1.00			4574.00	
Perforations	4.00			4578.00	
Change Over Sub	1.00			4579.00	
Drill Pipe	62.00			4641.00	
Change Over Sub	1.00			4642.00	
Recorder	0.00	8321	Inside	4642.00	
Recorder	0.00	8737	Outside	4642.00	
Perforations	10.00			4652.00	
Bullnose	3.00			4655.00	82.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DK Operating Inc
24583 Nw 208 Rd
Jetmore KS 67854 + 5311
ATTN: Daniel L King

24-23s-23w Hodgeman,KS
Sharon #2-24
Job Ticket: 50509 **DST#: 1**
Test Start: 2012.12.21 @ 03:13:55

Mud and Cushion Information

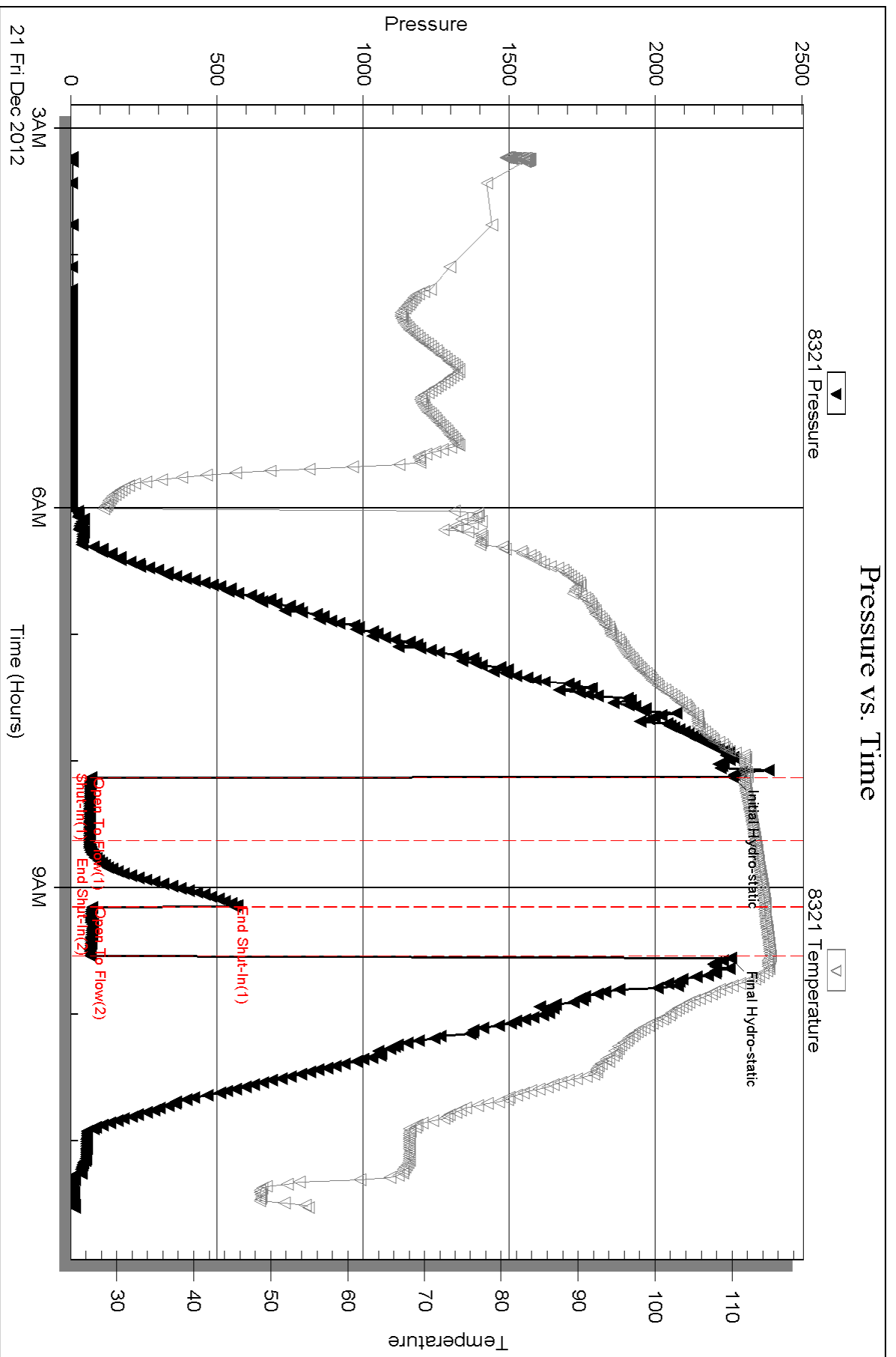
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 5%O 95%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

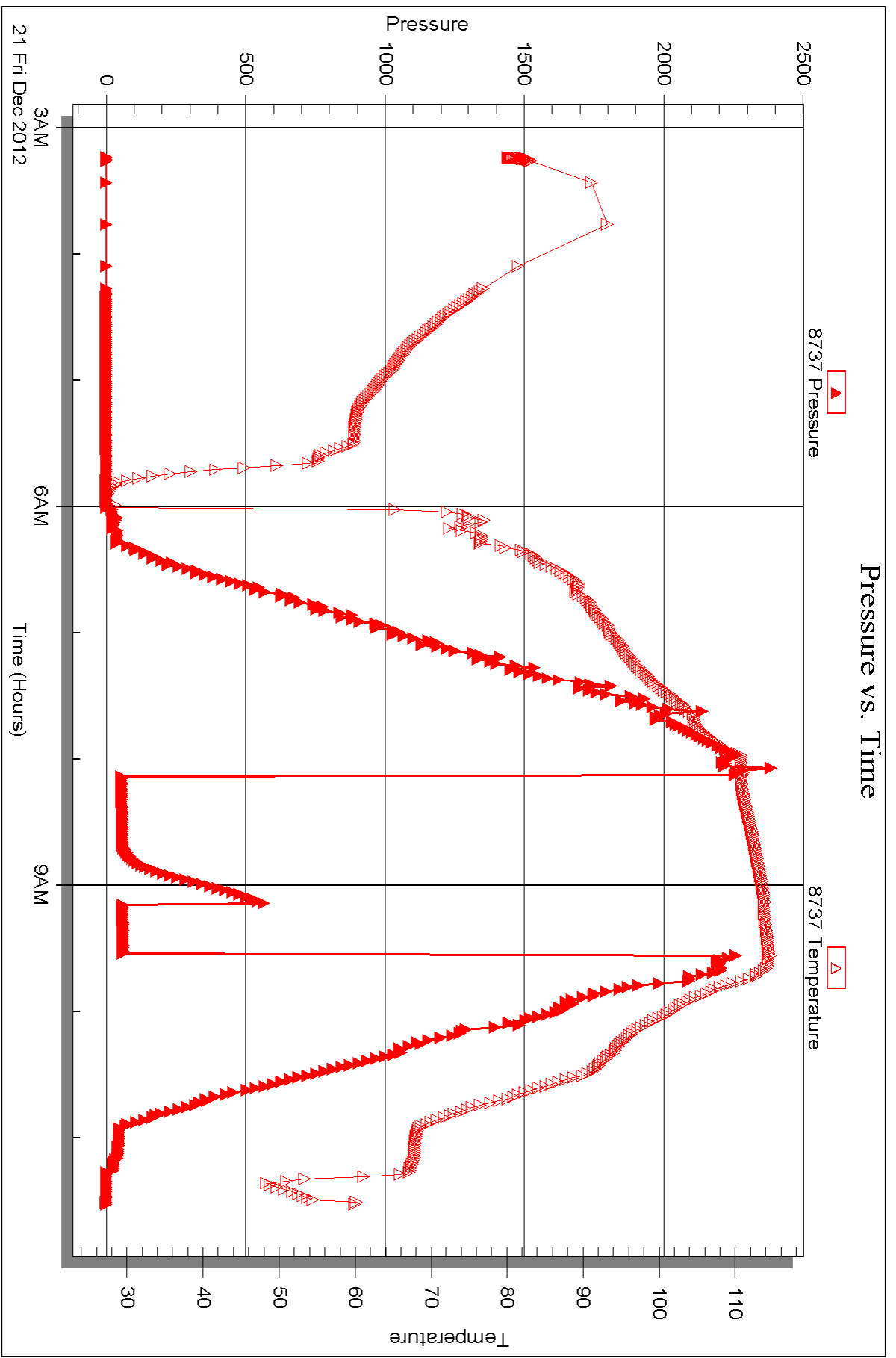


Serial #: 8737

Outside DK Operating Inc

Sharon #2-24

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 50509

Printed: 2012.12.24 @ 10:54:55



DRILL STEM TEST REPORT

Prepared For: **DK Operating Inc**

24583 Nw 208 Rd
Jetmore KS 67854 + 5311

ATTN: Daniel L King

Sharon #2-24

24-23s-23w Hodgeman,KS

Start Date: 2012.12.21 @ 18:50:00

End Date: 2012.12.22 @ 02:41:30

Job Ticket #: 50510 DST #: 2

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

Printed: 2012.12.24 @ 10:54:04

DK Operating Inc
24-23s-23w Hodgeman,KS
Sharon #2-24
DST # 2
Mississippi
2012.12.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DK Operating Inc
24583 Nw 208 Rd
Jetmore KS 67854 + 5311
ATTN: Daniel L King

24-23s-23w Hodgeman, KS
Sharon #2-24
Job Ticket: 50510 **DST#: 2**
Test Start: 2012.12.21 @ 18:50:00

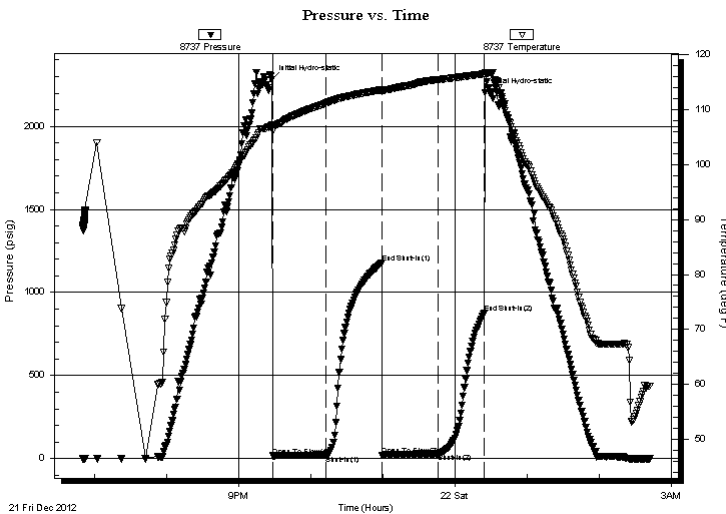
GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:28:00
Time Test Ended: 02:41:30
Interval: **4655.00 ft (KB) To 4672.00 ft (KB) (TVD)**
Total Depth: 4672.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 44
Reference Elevations: 2400.00 ft (KB)
2390.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8737 Outside
Press @ Run Depth: 29.84 psig @ 4656.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.12.21 End Date: 2012.12.22 Last Calib.: 2012.12.22
Start Time: 18:50:01 End Time: 02:41:30 Time On Btm: 2012.12.21 @ 21:27:30
Time Off Btm: 2012.12.22 @ 00:24:30

TEST COMMENT: 45 - IF - 1 1/2" blow
45 - ISI - No blow back
45 - FF - No blow back
45 - FSI - No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2283.48	107.20	Initial Hydro-static
1	16.51	106.06	Open To Flow (1)
45	22.90	111.22	Shut-In(1)
91	1176.21	113.60	End Shut-In(1)
92	21.98	113.28	Open To Flow (2)
138	29.84	115.45	Shut-In(2)
177	875.60	116.48	End Shut-In(2)
177	2203.90	116.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOCWM, 2.5%O, 2.5%W, 95%M	0.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DK Operating Inc
24583 Nw 208 Rd
Jetmore KS 67854 + 5311
ATTN: Daniel L King

24-23s-23w Hodgeman,KS
Sharon #2-24
Job Ticket: 50510 **DST#: 2**
Test Start: 2012.12.21 @ 18:50:00

Tool Information

Drill Pipe:	Length: 4660.00 ft	Diameter: 3.80 inches	Volume: 65.37 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	74000.00 lb
			<u>Total Volume: 65.37 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4655.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.00 ft				
Tool Length:	45.00 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			4628.00	
Shut In Tool	5.00			4633.00	
Hydraulic tool	5.00			4638.00	
Jars	5.00			4643.00	
Safety Joint	3.00			4646.00	
Packer	4.00			4650.00	28.00 Bottom Of Top Packer
Packer	5.00			4655.00	
Stubb	1.00			4656.00	
Recorder	0.00	8321	Inside	4656.00	
Recorder	0.00	8737	Outside	4656.00	
Perforations	13.00			4669.00	
Bullnose	3.00			4672.00	17.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DK Operating Inc
24583 Nw 208 Rd
Jetmore KS 67854 + 5311
ATTN: Daniel L King

24-23s-23w Hodgeman,KS
Sharon #2-24
Job Ticket: 50510 **DST#: 2**
Test Start: 2012.12.21 @ 18:50:00

Mud and Cushion Information

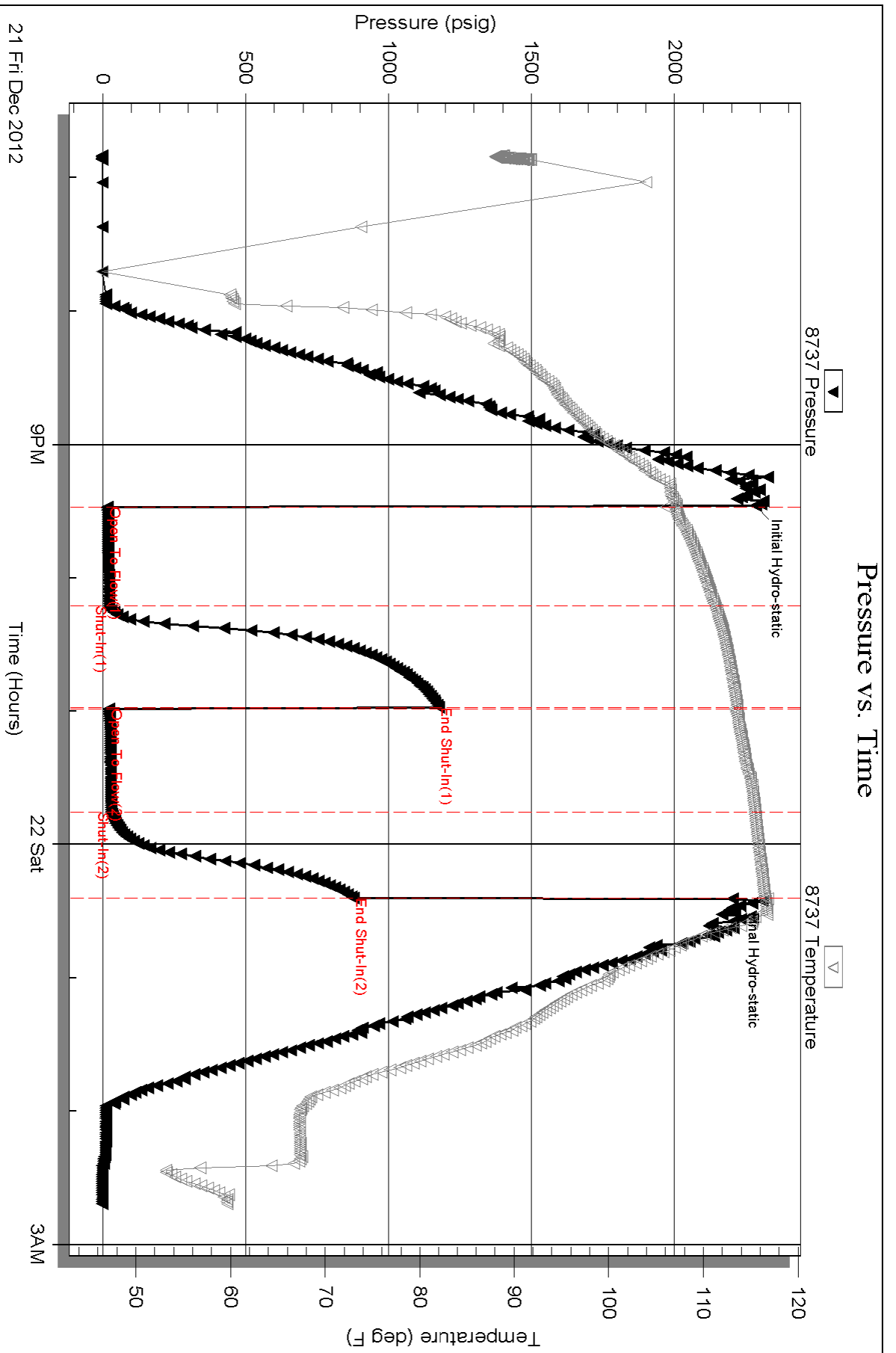
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SOCWM, 2.5%O, 2.5%W, 95%M	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



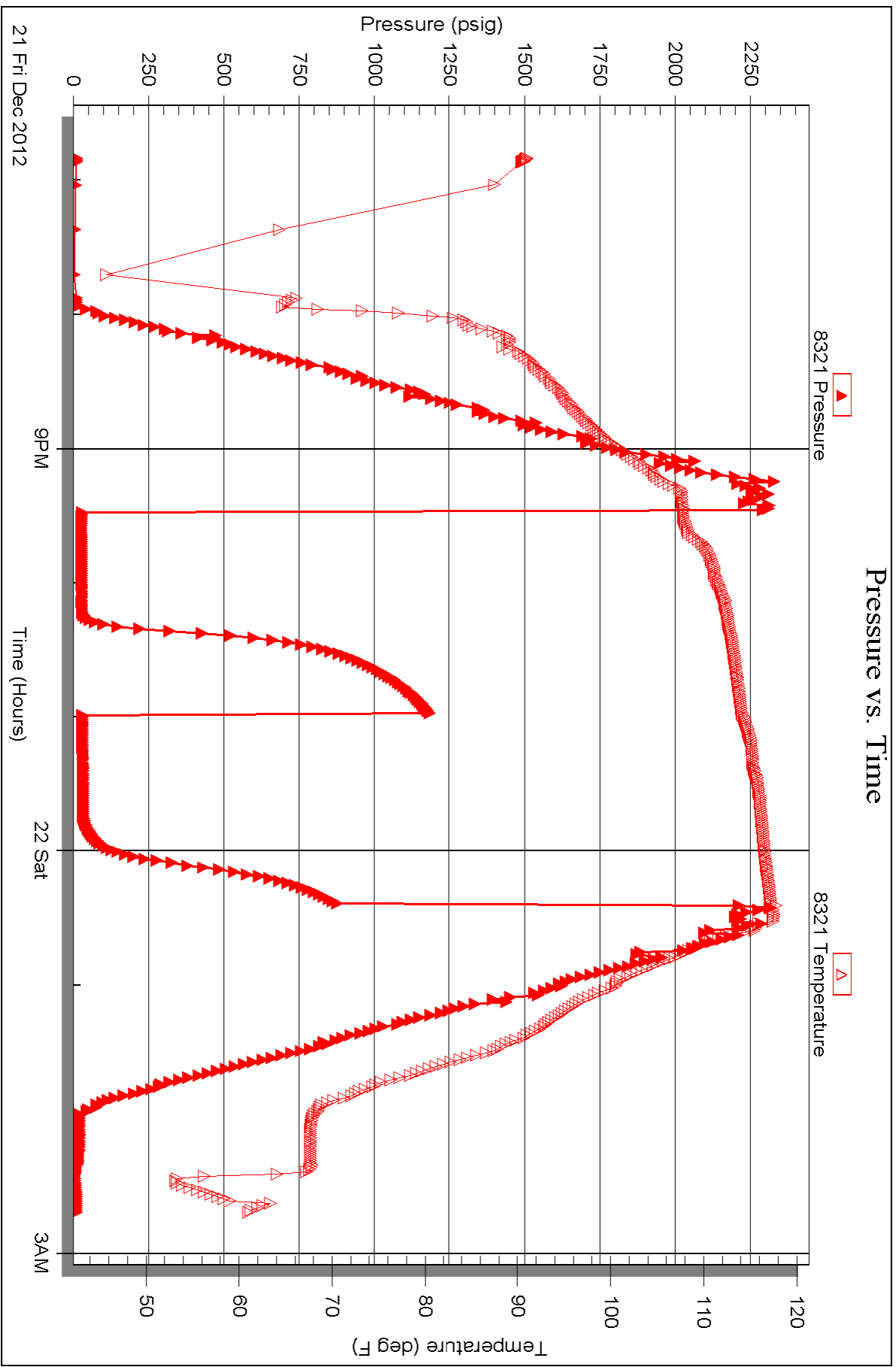
Serial #: 8321

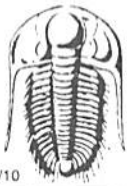
Inside

DK Operating Inc

Sharon #2-24

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50509

Well Name & No. Sharon #2-24 Test No. 1 Date 12-21-12
 Company DK Operating INC Elevation 2400 KB 2390 GL
 Address 24583 NW 208 RD Jetmore KS 67854 +5311
 Co. Rep / Geo. JASON ALM Rig VAL #1
 Location: Sec. 24 Twp. 23 S Rge. 23 Co. Hodgeman State KS

Interval Tested 4573-4655 Zone Tested Mississippi
 Anchor Length 82 Drill Pipe Run 4567 Mud Wt. 9.1
 Top Packer Depth 4568 Drill Collars Run 0 Vis 46
 Bottom Packer Depth 4573 Wt. Pipe Run 0 WL 11.6
 Total Depth 4655 Chlorides 4900 ppm System LCM 1 1/2
 Blow Description PP-Weak Blow Built To 1/2 IN DieD Back To 1/4 IN
1st-Dead No Blow Back
FP-Dead-Flushed Tool weak surface Blow DieD out IN 3 min
1st

Rec	Feet of	%gas	%oil	%water	%mud
30	SOCM		5		95

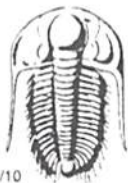
Rec Total 30 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2263 Test 1250 T-On Location 1:45
 (B) First Initial Flow 70 Jars 250 T-Started 3:13
 (C) First Final Flow 64 Safety Joint 75 T-Open 8:08
 (D) Initial Shut-In 560 Circ Sub _____ T-Pulled 9:38
 (E) Second Initial Flow 74 Hourly Standby _____ T-Out 11:31
 (F) Second Final Flow 68 Mileage 170 RT 263.50 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2257 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In out Sub Total 0
 Total 1838.50
 Sub Total 1838.50 MP/DST Disc't _____

Approved By _____ Our Representative Jeff Brown

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50510

Well Name & No. Sharon #2-24 Test No. 2 Date 12-21-12
 Company DK Operating INC Elevation 2400 KB 2390 GL
 Address 24583 NW 208 RD Jetmore KS 67854 + 5311
 Co. Rep / Geo. JASON ALM Rig UAL #1
 Location: Sec. 24 Twp. 23S Rge. 23 W Co. Hodgeman State KS

Interval Tested 4655-4672 Zone Tested Mississippi
 Anchor Length 17 Drill Pipe Run 4660 Mud Wt. 9.25
 Top Packer Depth 4650 Drill Collars Run 0 Vis 48
 Bottom Packer Depth 4655 Wt. Pipe Run 0 WL 10.0
 Total Depth 4672 Chlorides 4600 ppm System LCM 1 #
 Blow Description IF- 1 1/2 blow
ISI- No blow back
FF- No blow
FSI- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>SOCWM</u>	<u>2.5</u>	<u>2.5</u>	<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20' BHT 116° Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2283</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>18:13</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:50</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>9:29 pm</u>
(D) Initial Shut-In <u>1176</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>12:29 pm</u>
(E) Second Initial Flow <u>21</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2:42 am</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>170 RT</u> 263.50	Comments
(G) Final Shut-In <u>873</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2203</u>	<input type="checkbox"/> Straddle	

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Sub Total 1838.50

Approved By _____ Our Representative Cody Black

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.

Formation Tops

Formation	DK Operating, Inc. Sharon #2-24 Sec. 24 T23s R23w 2279' FSL & 1003' FWL
Anhydrite	1508', +892
Base	1549', +851
Heebner	3929', -1529
Lansing	3999', -1599
Stark	4260', -1860
BKc	4371', -1971
Marmaton	4391', -1991
Pawnee	4480', -2080
Fort Scott	4533', -2133
Cherokee	4556', -2156
Mississippian	4627', -2227
Osage	4668', -2268
RTD	4682', -2282

Sample Zone Descriptions

- Miss. Warsaw** (4627', -2227): Covered in DST #1,2
Dolo – Fine to medium crystalline with poor to fair vuggy and inter-crystalline porosity, light to fair oil stain in porosity, slight show of free oil, good odor, light yellow fluorescents.
- Miss. Osage** (4668', -2268): Covered in DST #2
Δ – Mottled, fresh, angular, few pieces with scattered pinpoint vuggy porosity, barren, no fluorescents, no odor.

ALLIED OIL & GAS SERVICES, LLC 059168

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
West Bend K

DATE <u>12-23-12</u>	SEC <u>24</u>	TWP. <u>23</u>	RANGE <u>23</u>	CALLED OUT <u>7:30 AM</u>	ON LOCATION <u>12:00 PM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Sharon</u>		WELL # <u>2-24</u>	LOCATION <u>Hampton West to Rd 224</u>		COUNTY <u>Hopkins</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>South to R.I.</u>				

CONTRACTOR Dev 1 OWNER Same

TYPE OF JOB Rekey Plug

HOLE SIZE 7 7/8" T.D. 4682

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2" DEPTH 1530'

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

CEMENT

AMOUNT ORDERED 250 lbs 69/40 450 ml

4 # 5 level / sh

COMMON	<u>150</u>	@ <u>17.90</u>	<u>2685.00</u>
POZMIX	<u>100</u>	@ <u>9.35</u>	<u>935.00</u>
GEL	<u>9</u>	@ <u>23.40</u>	<u>210.60</u>
CHLORIDE		@	
ASC		@	
	<u>Flt Seal 103</u>	@ <u>2.97</u>	<u>187.11</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>2108.5</u>	@ <u>2.48</u>	<u>6665.80</u>
MILEAGE	<u>11.2 x 45</u>	@ <u>2.60</u>	<u>1310.90</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom Dehman 1

398 HELPER Josh Finner 2

BULK TRUCK

341 DRIVER Maven Weighman 3

BULK TRUCK

DRIVER

REMARKS:

50 lbs @ 1530'

80 lbs @ 700'

50 lbs @ 270'

20 lbs @ 60'

30 lbs in Rathole

20 lbs in Mouldole

Dehman

CHARGE TO: D.K. operating

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 5806.80

5993.91

504 SERVICE

DEPTH OF JOB 1530'

PUMP TRUCK CHARGE 2249.81

EXTRA FOOTAGE @

MILEAGE HUM 45 @ 7.70 346.50

MANIFOLD @

HUM 45 @ 4.40 198.00

TOTAL 2794.34

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 Walter Purcell

SIGNATURE Walter Purcell

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

SALES TAX (If Any) 654.72 640.48

TOTAL CHARGES 8,601.44 8788.25

DISCOUNT 25% - 2150.20 IF PAID IN 30 DAYS

\$6,450.94 2197.06 Net

6591.19