



KANSAS CORPORATION COMMISSION 1053523  
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 # 8996  
Name: Mid-Continent Resources, Inc.  
Address 1: PO BOX 399  
Address 2: \_\_\_\_\_  
City: GARDEN CITY State: KS Zip: 67846 + \_\_\_\_\_  
Contact Person: Scott Corsair  
Phone: (785) 398-2270  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 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 #: \_\_\_\_\_  
5/9/2010    5/17/2010    5/17/2010  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-135-25054-00-00  
Spot Description: \_\_\_\_\_  
NE NW SE NW Sec. 26 Twp. 19 S. R. 22  East  West  
1,350 Feet from  North /  South Line of Section  
1,820 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Dorsa Well #: 5  
Field Name: \_\_\_\_\_  
Producing Formation: na  
Elevation: Ground: 2254 Kelly Bushing: 2260  
Total Depth: 4409 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 224 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: 25000 ppm Fluid volume: 240 bbls  
Dewatering method used: Evaporated  
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: Deanne Garrison Date: 5/17/2011



1053523

Operator Name: Mid-Continent Resources, Inc. Lease Name: Dorsa Well #: 5  
 Sec. 26 Twp. 19 S. R. 22  East  West County: Ness

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
---	--

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	12.25	8.625	23	224	Common	150	2% gel, 3% CC

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	-			
	-			

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: <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.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mid-Continent Resources, Inc.
Well Name	Dorsa 5
Doc ID	1053523

Tops

Anhydrite	1506	754
Heebner	3729	-1469
Lansing	3777	-1517
Base KC	4112	-1852
Pawnee	4204	-1944
Ft. Scott	4278	-2018
Cherokee	4300	-2040
Mississippian	4378	-2118
TD	4409	-2149





CHARGE TO: Mrd. Continent Resources  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET  
17905

PAGE 1 OF 1

SERVICE LOCATIONS: 1. Ness City, KS  
 WELL PROJECT NO.: 5 LEASE: Dorse COUNTY/PARISH: Ness STATE: KS CITY: Ness City DATE: 5-10-10 OWNER:  
 2. TICKET TYPE:  SERVICE CONTRACTOR: Petro-Link Drilling Co. RIG NAME/NO.: 1 SHIPPED VIA: Barone ORDER NO.:  
 3. WELL TYPE: Oil WELL CATEGORY: Development JOB PURPOSE: Cement & 7/8 Casing WELL PERMIT NO.: WELL LOCATION: Barone 55, 1 1/4 W, S-10  
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE Trk # 114	25	m.			5 <sup>00</sup>	125.00
5765		1			Pump Charge Shallow Surface	1	hec			750 <sup>00</sup>	750.00
681		1			Service Charge Cement	150	skt			1 <sup>50</sup>	225.00
582		1			Minimum Drayage Charge	1	hec			250 <sup>00</sup>	250.00
325		1			Standard Cement	150	skt			12 <sup>00</sup>	1800.00
276		1			Calcium Chloride	4	skt			35 <sup>00</sup>	140.00
279		1			Bentonite Gel	3	skt			25 <sup>00</sup>	75.00
290		1			O-Air	2	gal			35 <sup>00</sup>	70.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X C. R. ...  
 DATE SIGNED: 5-10-10 TIME SIGNED: 1800 8:00 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	3435.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

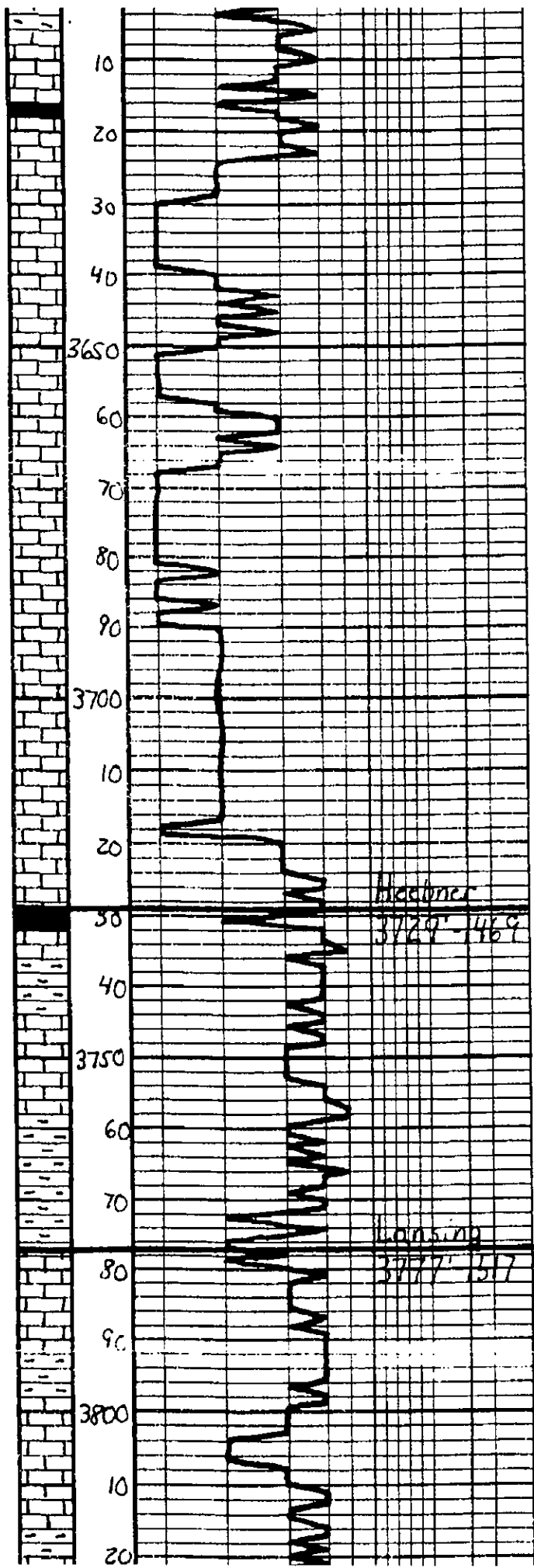
CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR: B. C. + C. ... APPROVAL:

Thank You!

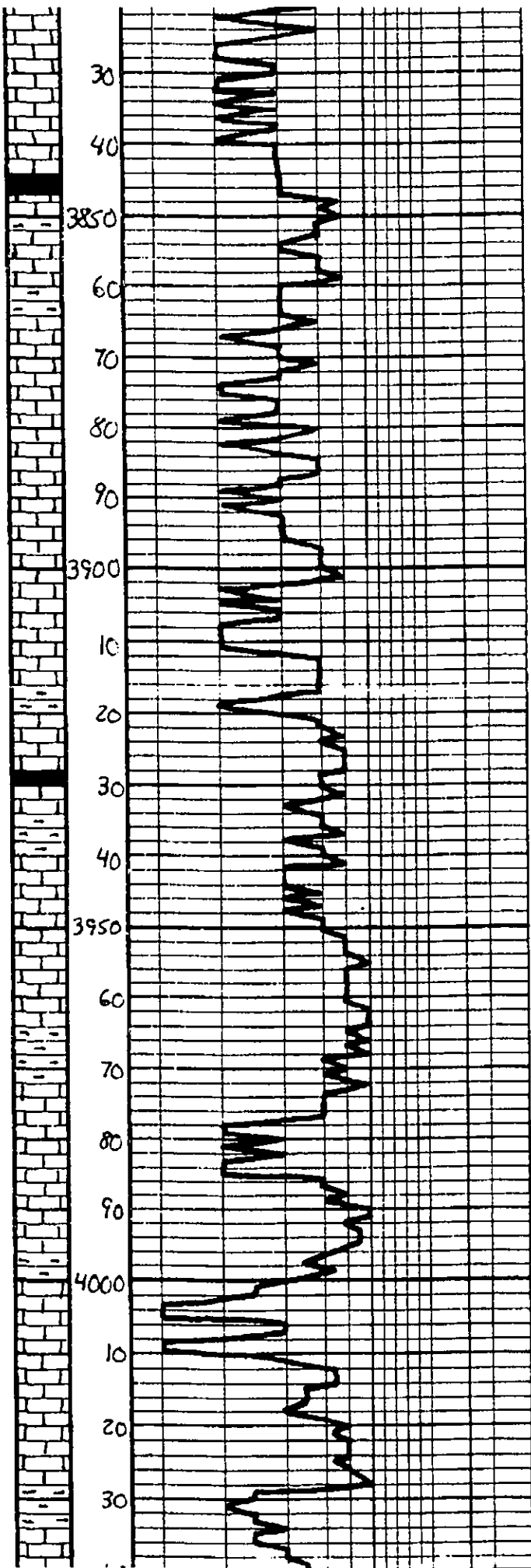




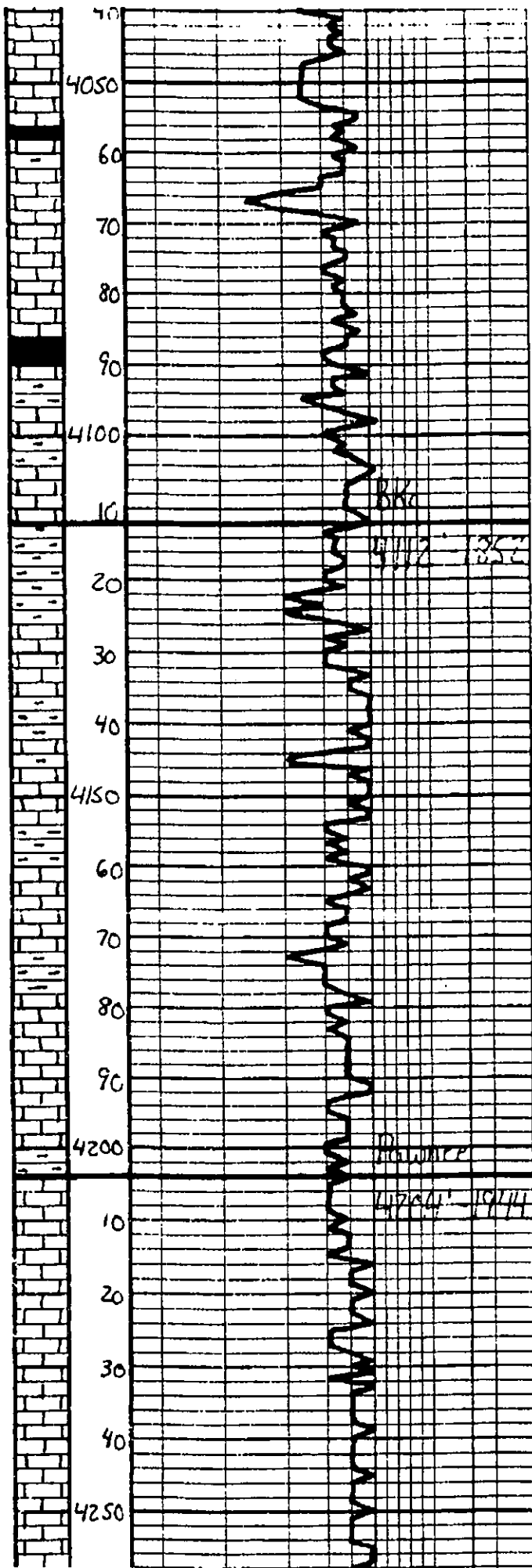


Ls. Top. Gray. Mottled. Fr sh. St. Fossil. Barren	Geo on location 3:00 p.m. 5-14-2010
Sh. Dk. Gray	
Ls. Tan. Gray. Mottled. Fr sh. Fossil. Barren. Chalky	
Ls. ala	
Ls. ala	
Ls. Top. Lt. Gray. Mottled. Fr sh. Fossil. Barren. Chalky	
Ls. ala	
Ls. ala, St. J. Whit	
Sh. Blk. Carb. Fossil	
Sh. Gray. Bar. Green	
Ls. Thin. Lt. Gray. Fr sh. w/ poor intercal. B. Barren	
Sh. Gray. Bar	
Sh. ala - Green	
Ls. Top. Lt. Gray. Fr - Subgl. Fossil. w/ w/ poor com. sh. Barren	
Sh. Gray. Bar	
Ls. Top. Lt. Gray. Fr sh. w/ Fossil. w/ w/ poor com. sh. Barren	Much Vis. 47 Wt. 89
Sh. Gray. Bar	

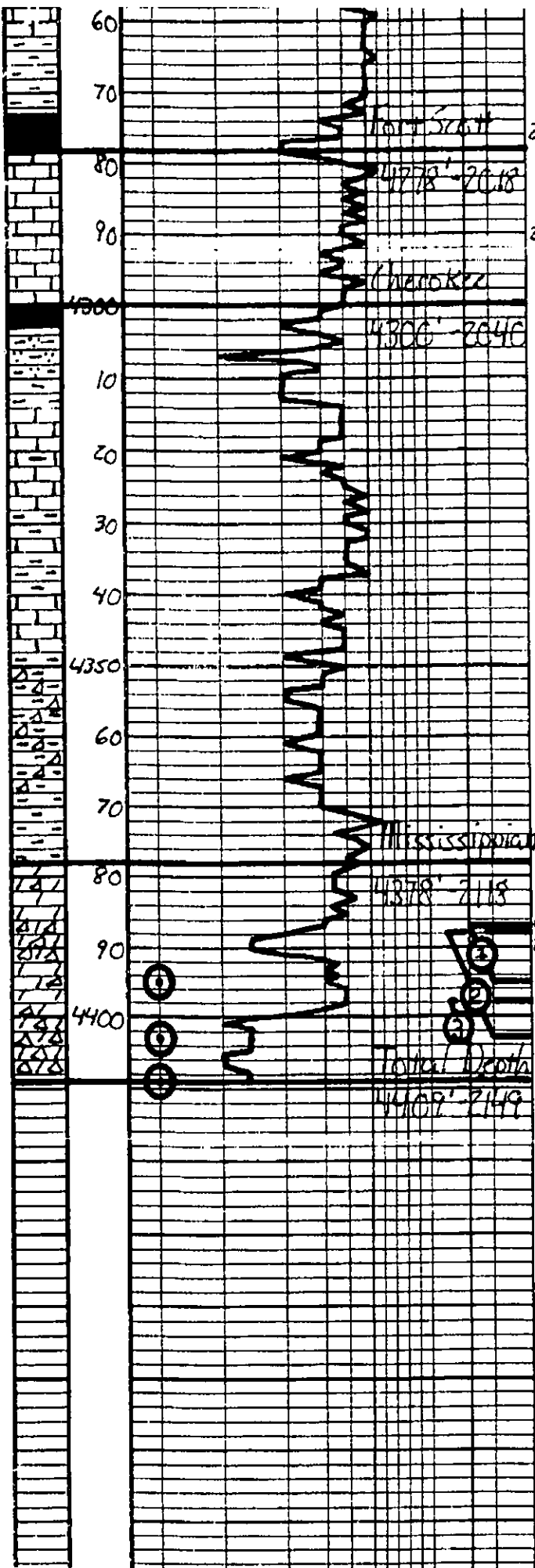




<p>Ls. Diff. Lt. Grey, Fossil wt. Fair, some of Barron, Sulphate Gray</p>	
<p>Sh. Dk. Gray - Blk</p>	
<p>Ls. Tan. Gray - St. Middle, Fossil Substr. DNS</p>	
<p>Sh. Gray - Bea</p>	
<p>Ls. Tan. Lt. Gray, Fossil ool. wt. Fair some of Barron</p>	
<p>Ls. ool. St. J. Whit</p>	
<p>Ls. Tan. Lt. Gray, Fossil Fossil ool. wt. Fair some of Barron</p>	
<p>Sh. Gray - Bea - Dk. Gray</p>	
<p>Sh. Dk. Gray</p>	
<p>Ls. Tan. Lt. Gray, Fossil Fossil ool. wt. Fair some of Barron</p>	
<p>Ls. Tan. Lt. Gray, Substr. St. Fossil ool. DNS</p>	
<p>Sh. Gray - Bea</p>	
<p>Ls. Diff. Lt. Gray, Fossil Fossil ool. wt. Fair some of Barron</p>	
<p>Ls. ool. DNS</p>	
<p>Ls. Tan. Lt. Gray, Fossil ool. wt. Fair some of Barron</p>	<p>Much Vis. 47 wt. 9.0</p>
<p>Ls. ool. Muddy, DNS</p>	
<p>Sh. Gray - Bea</p>	
<p>Ls. Tan. Lt. Gray, Fossil ool. wt. Fair some of Barron</p>	



LS-alc	
Sh- Dk Gray	
LS- Dk. Lt. Gray, Tan Gray, Fossiliferous, w/ fine mica & Barren	
LS-alc, DNS	
Sh- Dk Gray- Blk	
Sh- Gray- Green	
LS- Tan-gray, Substr, DNS	
Sh- Gray- Ben- Green	
LS- Tan-gray, St. Mottled, Substr, DNS	
Sh- Gray- Ben	
LS- Tan- Gray- Substr, DNS	
LS-alc, St. d. Whit- Gray	
Sh- Gray- Ben- Dk Gray	
LS- Tan- Lt. Gray, Substr, DNS	
Sh- Gray- Green	M. ref V.S. 52 WB. 9.2
LS- Tan- Lt. Gray- Substr, DNS	
LS-alc, St. d. Whit	
LS- Gray, Substr, DNS	



LS - g/a	
Sh - blk. clay	
Sh - blk. carb	
LS - Tan - clay, En - Substr. w/ l Apparat. w/ ss & sh. sst. Flint	
LS - Tan - clay, En - Substr. w/ l Fair sst. Blue sh. clay	
Sh - tan - blk. clay	<b>DST #1</b> Mississippian 4387' - 4395' 30° 30' 10"
SS - Gray - fossiliferous, En - clay, clay DMS with cemented clasts, Heavy beds, barren	IH 2248# IP 14-19# W.S.B.
LS - Tan - clay, Substr. DMS	ISI 1031# Dead
LS - g/a	FF 17-17# Dead
Sh - gray - Ben - Gen	FH 2146# BHT 113°F
LS - Tan - clay, Substr. ST Mo. sst. DMS	Recovery: S' muck w/ oil spots
Sh - tan - clay, Ben - Gen, sst. - blk. - blk. - blk. - blk. - blk. - blk. - No clay	<b>DST #2</b> Mississippian 4388' - 4403' 30° 30' 10"
Sh - blk. clay, Heavy, G. sst.	IH 2271# IF 15-20# W.S.B.
Sh - gray - Ben - Gen	ISI 1264# Dead
DMS - blk. - blk. - blk. - blk. - blk. - DMS, sst. Blue	FF 20-22# Dead
DMS - Tan - blk. - blk. - blk. - blk. - blk. - blk. - blk. - blk. - blk. - Heavy - blk. - blk. - blk. - blk. - blk. - blk. - blk. - blk. - blk. - DMS	FH 2149# BHT 111°F
DMS - blk. - blk. - blk. - blk. - blk. - DMS	Recovery: S' mud
DMS - blk. - blk. - blk. - blk. - blk. - DMS	<b>DST #3</b> Mississippian 4398' - 4409' 30° 30' 30" 30"
DMS - blk. - blk. - blk. - blk. - blk. - DMS	IH 2282# IF 20-28# B-11 to 6 in.
DMS - blk. - blk. - blk. - blk. - blk. - DMS	ISI 1135# Dead
DMS - blk. - blk. - blk. - blk. - blk. - DMS	FF 100-140# B-12 to 3 in.
DMS - blk. - blk. - blk. - blk. - blk. - DMS	FSI 1175# Dead
DMS - blk. - blk. - blk. - blk. - blk. - DMS	FH 2144# BHT 123°F
DMS - blk. - blk. - blk. - blk. - blk. - DMS	Recovery:



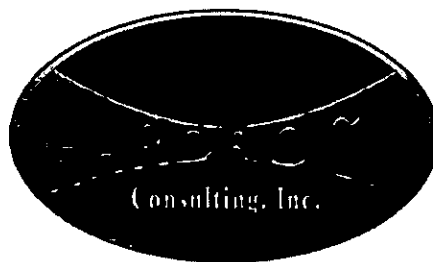
# **Geological Report**

## **Dorsa #5**

1350' FNL & 1820' FWL

Sec. 26 T19s R22w

Ness County, Kansas



**Mid-Continent Resources, Inc.**

## General Data

Well Data: Mid-Continent Resources, Inc.  
Dorsa #5  
1350' FNL & 1820' FWL  
Sec. 26 T19s R22w  
Ness County, Kansas  
API # 15-135-25054-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason Alm

Spud Date: May 9, 2010

Completion Date: May 17, 2010

Elevation: 2254' Ground Level  
2260' Kelly Bushing

Directions: Bazine KS, South to 80 rd. 1.5 mi. West on 80 rd.  
North into location.

Casing: 222' 8 5/8" surface casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Three, Trilobite Testing, Inc. "Dan Bangle"

Problems: None

Remarks: None

## Formation Tops

Formation	Mid-Continent Res. Dorsa #5 Sec. 26 T19s R22w 1350' FNL & 1820' FWL
Anhydrite	1506', +754
Base	1540', +720
Heebner	3729', -1469
Lansing	3777', -1517
BKc	4112', -1852
Pawnee	4204', -1944
Fort Scott	4278', -2018
Cherokee	4300', -2040
Mississippian	4378', -2118
RTD	4409', -2149

## Sample Zone Descriptions

**Mississippian Osage (4378', -2118):**      **Covered in DST #1,2,3**  
 Dolo – Δ – Fine sucrosic crystalline with fair inter-crystalline and vuggy porosity, heavy tripolitic chert with fair vuggy porosity, light to fair oil stain and saturation, show of free oil, good odor. 25-34 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Dan Bangle"

<b>DST #1</b>	<b><u>Mississippian Osage</u></b>	
	Interval (4387' - 4395') Anchor Length 8'	
	IHP - 2248 #	
	IFP - 30" - W.S.B.	14-19 #
	ISI - 30" - Dead	1031 #
	FFP - 10" - Dead	17-17 #
	FHP - 2146 #	
	BHT - 113°F	
Recovery:	5' Mud w/ oil spots	
<b>DST #2</b>	<b><u>Mississippian Osage</u></b>	
	Interval (4388' - 4403') Anchor Length 15'	
	IHP - 2271 #	
	IFP - 30" - W.S.B.	15-20 #
	ISI - 30" - Dead	1264 #
	FFP - 10" - Dead	20-22 #
	FHP - 2149 #	
	BHT - 111°F	
Recovery:	5' Mud	
<b>DST #3</b>	<b><u>Mississippian Osage</u></b>	
	Interval (4398' - 4409') Anchor Length 11'	
	IHP - 2271 #	
	IFP - 30" - Built to 6 in.	20-98 #
	ISI - 30" - Dead	1195 #
	FFP - 30" - Built to 3 in.	100-140 #
	FSI - 30" - Dead	1175 #
	FHP - 2144 #	
BHT - 123°F		
Recovery:	215' Water w/ scum of oil	



## Structural Comparison

Formation	Mid-Continent Res. Dorsa #5 Sec. 26 T19s R22w 1350' FNL & 1820' FWL	Mid-Continent Res. Dorsa #4 Sec. 26 T19s R22w 330' FNL & 1700' FWL		Mid-Continent Res. Dorsa #2 Sec. 26 T19s R22w 760' FNL & 2310' FWL	
	Anhydrite	1506', +754	1490', +759	(-5)	1504', +763
Base	1540', +720	NA	NA	NA	NA
Heebner	3729', -1469	3707', -1458	(-9)	3731', -1464	(-5)
Lansing	3777', -1517	3755', -1506	(-11)	3778', -1511	(-6)
BKc	4112', -1852	NA	NA	NA	NA
Pawnee	4204', -1944	NA	NA	4203', -1936	(-8)
Fort Scott	4278', -2018	4258', -2009	(-9)	4282', -2015	(-3)
Cherokee	4300', -2040	4279', -2030	(-10)	4302', -2035	(-5)
Mississippian	4378', -2118	4350', -2101	(-17)	4392', -2125	(+7)

### Summary

The location for the Dorsa #5 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Three drill stem tests were conducted all of which were negative. After all gathered data had examined the decision was made to plug and abandon the Dorsa #5 well.

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.

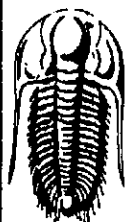
**JOB LOG**

**SWIFT Services, Inc.**

DATE 5-10-10 PAGE NO.

CUSTOMER M and Central Reservoirs WELL NO. 5 LEASE Norsa JOB TYPE Cement 8 5/8 Casing TICKET NO. 17905

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							On Location 8 5/8 23# TD-224' TA-224' PS-224'
	1825							Start 8 5/8 Casing
	1845							Break Circulation
	1920	5	5	✓		100		Pump Water Spacer
		4 1/2		✓		100		Start Cement 150 sks @ 14.7 gpg
			36			100		Shut Down Cement
	1930	5		✓		150		Start Displacement
		5	8.4	✓		200		Cement to Surface 20 sks top it
	1935		13.2					Shut Down - Shutting
								Wash Truck
	2000							Job Complete Thank you Brett, Dave + Jason



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior Inc  
Box 399  
Garden City Ks 67846  
ATTN: Cecil O'Brate

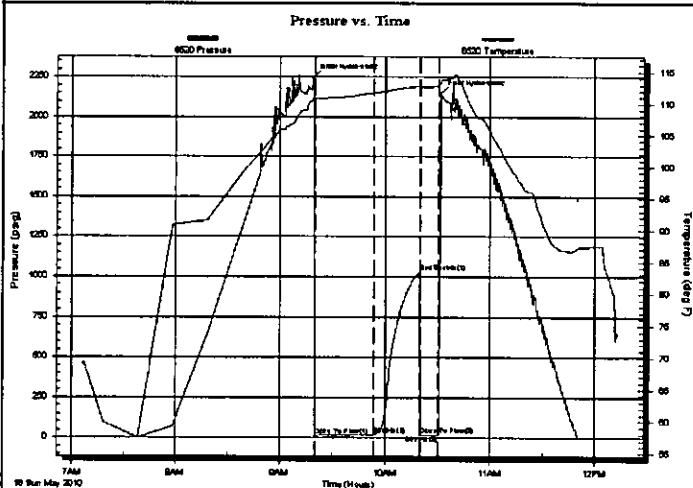
**Dorsa # 5**  
**26-19-22-Ness-Ks**  
Job Ticket: 38684      **DST#: 1**  
Test Start: 2010.05.16 @ 07:06:19

### GENERAL INFORMATION:

Formation: **Miss**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 09:19:49  
Time Test Ended: 12:13:19  
Interval: **4387.00 ft (KB) To 4395.00 ft (KB) (TVD)**  
Total Depth: **4395.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Dan Bangle**  
Unit No: **38**  
Reference Elevations: **2260.00 ft (KB)**  
**2254.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

**Serial #: 8520**      **Outside**  
Press@RunDepth: **19.76 psig @ 4388.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.05.16**      End Date: **2010.05.16**      Last Calib.: **2010.05.16**  
Start Time: **07:06:20**      End Time: **12:13:19**      Time On Btm: **2010.05.16 @ 09:19:04**  
Time Off Btm: **2010.05.16 @ 10:31:34**

TEST COMMENT: IF-Weak steady surface blow  
FF-No blow



### PRESSURE SUMMARY

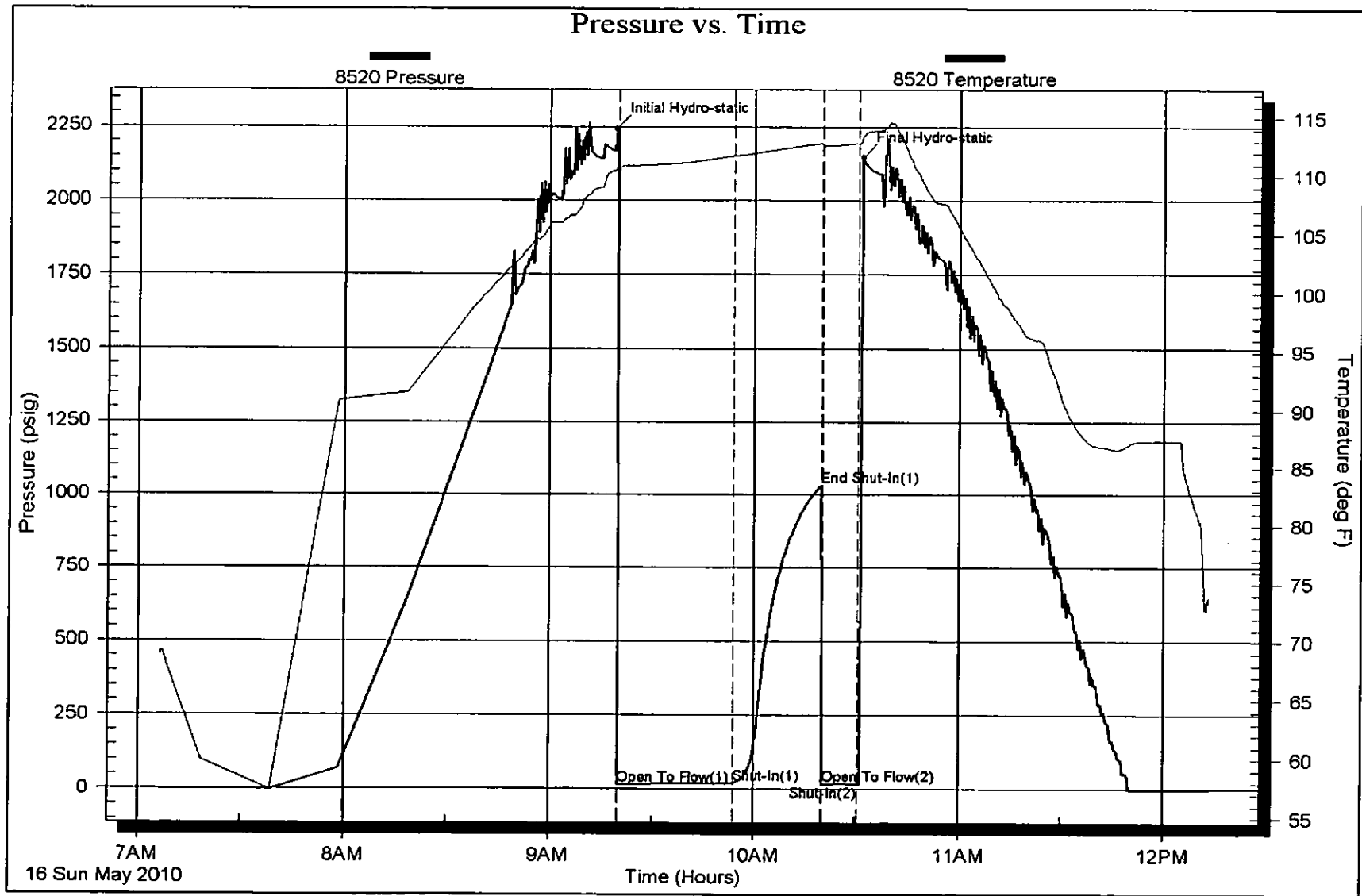
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2243.20	110.70	Initial Hydro-static
1	14.27	110.11	Open To Flow (1)
35	19.76	111.73	Shut-in(1)
61	1031.84	112.83	End Shut-in(1)
61	17.51	112.54	Open To Flow (2)
72	17.06	112.84	Shut-in(2)
73	2146.05	113.40	Final Hydro-static

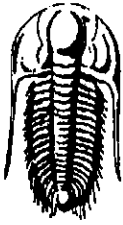
### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w / oil spots	0.02

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc  
Box 399  
Garden City Ks 67846  
ATTN: Cecil O'Brate

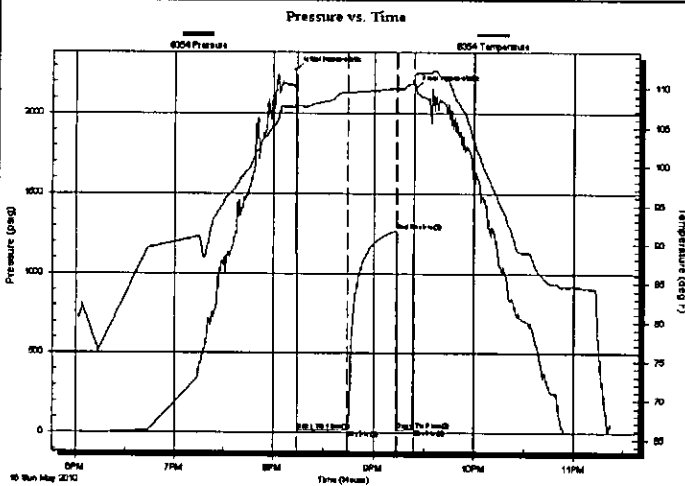
**Dorsa # 5**  
**26-19-22-Ness-Ks**  
Job Ticket: 38685      **DST#: 2**  
Test Start: 2010.05.16 @ 18:01:44

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: **No**      Whipstock:      ft (KB)  
Time Tool Opened: 20:14:14  
Time Test Ended: 23:23:29  
Interval: **4388.00 ft (KB) To 4403.00 ft (KB) (TVD)**  
Total Depth: **4403.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Dan Bangle**  
Unit No: **38**  
Reference Elevations: **2260.00 ft (KB)**  
**2254.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

**Serial #: 8354**      **Inside**  
Press@RunDepth: **20.11 psig @ 4389.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.05.16**      End Date: **2010.05.16**      Last Calib.: **2010.05.16**  
Start Time: **18:01:45**      End Time: **23:23:29**      Time On Btm: **2010.05.16 @ 20:13:14**  
Time Off Btm: **2010.05.16 @ 21:24:44**

TEST COMMENT: IF-Weak died in 8 min  
FF-No blow



## PRESSURE SUMMARY

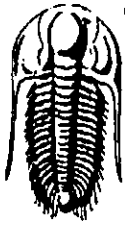
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.58	107.91	Initial Hydro-static
1	15.67	107.48	Open To Flow (1)
31	20.11	109.41	Shut-In(1)
61	1264.58	109.98	End Shut-In(1)
61	20.71	109.63	Open To Flow (2)
71	22.46	110.59	Shut-In(2)
72	2149.58	111.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc  
Box 399  
Garden City Ks 67846  
ATTN: Cecil O'Brate

**Dorsa # 5**  
**26-19-22-Ness-Ks**  
Job Ticket: 38685      **DST#: 2**  
Test Start: 2010.05.16 @ 18:01:44

### 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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7300.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	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:

