

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4706

Name: Messenger Petroleum, Inc.

Address 1: 525 S. Main

Address 2: _____

City: Kingman State: KS Zip: 67068 + _____

Contact Person: Jon F. Messenger

Phone: (620) 532-5400

CONTRACTOR: License # 5142

Name: Sterling Drilling Company

Wellsite Geologist: Jon F. Messenger

Purchaser: Sunoco

Designate Type of Completion:

- New Well _____ Re-Entry _____ Workover
 - Oil _____ SWD _____ SIOW
 - Gas _____ ENHR _____ SIGW
 - _____ CM (Coal Bed Methane) _____ Temp. Abd.
 - _____ Dry _____ Other _____
- (Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth

_____ Commingled Docket No.: _____

_____ Dual Completion Docket No.: _____

_____ Other (SWD or Enhr.?) Docket No.: _____

12-12-2009 12-20-2009 01-20-2010

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 095-22201-0000

Spot Description: _____

C NW NE NW Sec. 14 Twp. 29 S. R. 9 East West

330 Feet from North / South Line of Section

1650 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Kingman

Lease Name: Govert Well #: 1

Field Name: Willowdale (Revival)

Producing Formation: Viola

Elevation: Ground: 1686 Kelly Bushing: 1695

Total Depth: 4508 Plug Back Total Depth: 4482

Amount of Surface Pipe Set and Cemented at: 221 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 221

feet depth to: surface w/ 220 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 24,000 ppm Fluid volume: 1800 bbls

Dewatering method used: settlement

Location of fluid disposal if hauled offsite: _____

Operator Name: Messenger Petroleum, Inc.

Lease Name: Nicholas License No.: 4706

Quarter NE Sec. 20 Twp. 30 S. R. 8 East West

County: Kingman Docket No.: 27434

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.

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: Jon F. Messenger

Title: President Date: 04-27-2010

Subscribed and sworn to before me this 27th day of April

20 10

Notary Public: Nacona A. Dick

Date Commission Expires: October 4, 2011

NACONA A. DICK
Notary Public - State of Kansas
My Appt. Expires 10/4/2011

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: 3/3/10 - DLG

Wireline Log Received

Geologist Report Received

UIC Distribution ALF - DLG - 3/15/11

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APR 30 2010

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Messenger Petroleum, Inc. Lease Name: Govert Well #: 1
 Sec. 14 Twp. 29 S. R. 9 East West County: Kingman

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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: CNL/CDL , DIL , MEL/BHCS	<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%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3338</td> <td>-1643</td> </tr> <tr> <td>Lansing</td> <td>3550</td> <td>-1855</td> </tr> <tr> <td>Hertha</td> <td>3938</td> <td>-2243</td> </tr> <tr> <td>Mississippi</td> <td>4186</td> <td>-2491</td> </tr> <tr> <td>Kinderhook</td> <td>4292</td> <td>-2597</td> </tr> <tr> <td>Viola</td> <td>4472</td> <td>-2776</td> </tr> <tr> <td>LTD</td> <td>4508</td> <td>-2813</td> </tr> </table>	Name	Top	Datum	Heebner	3338	-1643	Lansing	3550	-1855	Hertha	3938	-2243	Mississippi	4186	-2491	Kinderhook	4292	-2597	Viola	4472	-2776	LTD	4508	-2813
Name	Top	Datum																							
Heebner	3338	-1643																							
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Kinderhook	4292	-2597																							
Viola	4472	-2776																							
LTD	4508	-2813																							

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"	8-5/8"	23#	221	60/40 poz	220 sx	2%gel,3%CC,1/4#CF
production	7-7/8"	5-1/2"	15.50#	4504	AA-2	235 sx	.3%CFR,.3%FLA,10%
						salt, .75%	GB,5# gil w/ CF

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				

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4472-4474	500 gal 15% MCA	

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TUBING RECORD: Size: <u>2.875</u> Set At: <u>3500</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONSERVATION DIVISION WICHITA, KS
Date of First, Resumed Production, SWD or Enhr. <u>03-29-2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>289</u>	Gas Mcf <u>32</u>	Water Bbls. <u>196</u> Gas-Oil Ratio <u>111:1</u> Gravity <u>39.5</u>

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Viola 4472-4474</u>
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QUALITY OILWELL CEMENTING, INC.

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

No. 3277

Date	Sec. 11	Twp. 29	Range 9	County Kingman	State Ks	On Location	Finish 1:00 PM
Lease Gouert	Well No. #1	Location ZENOS BIK TOP					
Contractor STEELING DELG #4	Owner 85 1/8 E SW into		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	Hole Size 12 1/4		T.D. 225	Charge To MESSENGER PET. INC			
Csg. 8 5/8 23'	Depth 221.17		Tbg. Size				
Tbg. Size		Depth		Street			
Drill Pipe		Depth		City State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint 15		CEMENT 1/4" C.F.			
Press Max.		Minimum		Amount Ordered 220 Sx 60/40 Poz 29.2 GAL 3 3/8 CL			
Meas Line		Displace 13.2		Common 132			
Perf.				Poz. Mix 88			
EQUIPMENT				Gel. 4			
Pumptrk 5	No.	Cementer	Helper	Calcium 7			
Bulktrk 7	No.	Driver	Driver	Mills			
Bulktrk R	No.	Driver	Driver	Salt			
JOB SERVICES & REMARKS				Flowseal 55#			
Pumptrk Charge 30 Surface				Handling 231			
Mileage 30				Mileage .06 P22 Sx P22 mlz			
Footage				Pump Truck Charge			
Total				RECEIVED MAR 10 2011			
Remarks: Run 5 H's 8 5/8 23' @ 221.17				FLOAT EQUIPMENT KCO WICHITA			
MIX & Pump 220 Sx 60/40 Poz 29.2 GAL 3 3/8 CL 1/4" C.F. 14.7 #/gal 1.25 FT3				Guide Shoe			
SHUT DOWN				Centralizer			
RELEASE PUG				Baskets			
DISP 13.2 Bds total				AFU Inserts			
CLOSE VALVE ON CSG 200#				1 8 5/8 WOODEN PUG			
CIRCUIT TO PIT				RECEIVED KANSAS CORPORATION COMMISSION			
THANKS				APR 30 2010			
1000 JOE ROCKY				CONSERVATION DIVISION WICHITA, KS			
Signature <i>Terry S. Salvey</i>				Tax			
				Discount			
				Total Charge			

PLEASE
CALL
AGENCY



TREATMENT REPORT

Bottom STAGE

Customer <i>MEEMER Peter</i>	Lease No.	Date <i>12-21-09</i>
Lease <i>Goberst</i>	Well # <i>#1</i>	
Field Order # <i>1088</i>	Station <i>PRATT</i>	Casing <i>5 1/2</i>
		Depth <i>4490</i>
Type Job <i>CNW 5 1/2 Longstring</i>	Formation	Legal Description <i>14-29-9</i>
		County <i>Wichita</i>
		State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft <i>DV TOOL</i>	<i>3500'</i>	Acid	RATE	PRESS	ISIP
Depth <i>4490</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>106</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>2000</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>4490</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
Service Units <i>19827 19889 19842 19960 19918</i>		
Driver Names <i>Sullivan Rosh Phye</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2300</i>					<i>ON loc Safety meeting</i>
					<i>RUN 115 5.75 5 1/2 75.5 CSG</i>
					<i>DV. TOOL 3500'</i>
<i>0315</i>					<i>CASING ON BOTTOM</i>
<i>0330</i>					<i>HOOK RIG BREAK CIRC</i>
<i>0435</i>	<i>130</i>		<i>12</i>	<i>3.5</i>	<i>1st mud flush</i>
			<i>3</i>		<i>1st spacer</i>
			<i>7</i>	<i>5</i>	<i>MH Scourage cut 25 sk @ 12 1/4 in</i>
			<i>26</i>	<i>5</i>	<i>mix 110 sk 41-2 cont @ 15 1/2 in</i>
					<i>shut down wash pump & liner</i>
					<i>Release Plug</i>
<i>0453</i>	<i>100</i>		<i>24</i>	<i>5.5</i>	<i>1st Drop w H²O</i>
			<i>8</i>		<i>1st mud Disp</i>
	<i>300</i>		<i>71</i>		<i>1st PS</i>
	<i>500</i>			<i>3.5</i>	<i>slow rate</i>
<i>0515</i>	<i>1500</i>		<i>106</i>		<i>Plug down</i>
<i>0520</i>				<i>1.5</i>	<i>DROP DV TOOL</i>
<i>0535</i>	<i>850</i>		<i>2</i>	<i>1.5</i>	<i>OPEN DV TOOL</i>
<i>0540</i>					<i>Hook Rig To Circ.</i>

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CONSERVATION DIVISION
WICHITA, KS

BASIC ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 1088 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>12-21-09</u> DISTRICT <u>Pratt</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>Missouri Pacific</u>		LEASE <u>6.6.1</u> WELL NO. <u>1</u>							
ADDRESS		COUNTY <u>Pratt</u> STATE <u>Ks</u>							
CITY STATE		SERVICE CREW <u>William J. K... / Mike</u>							
AUTHORIZED BY		JOB TYPE <u>20 W 5 1/2" Line Seal</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>1989/1984</u>	<u>9</u>					<u>10-20-09</u>	<u>12-20-09</u>	<u>PM</u>	<u>2:00</u>
<u>1976/1918</u>	<u>9</u>					ARRIVED AT JOB	<u>12-20-09</u>	<u>AM</u>	<u>7:30</u>
						START OPERATION	<u>12-21-09</u>	<u>AM</u>	<u>04:30</u>
						FINISH OPERATION	<u>12-21-09</u>	<u>PM</u>	<u>1:00</u>
						RELEASED	<u>12-21-09</u>	<u>AM</u>	<u>10:00</u>
						MILES FROM STATION TO WELL			<u>20</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF 105	AD 2.000	SK	135		2,295.00
CF 105	AD 2.000	SK	150		2,550.00
CF 102	Collar	LB	20		270.00
CF 111	2 1/4"	LB	1,491		747.00
CF 115	7-A-302	LB	135		1,012.50
CF 115	Assembly	LB	270		1,390.50
CF 115	End Flange	QTY	1,000		900.00
CF 401	Two Stage Collar 5 1/2"	EA	1		6,600.00
CF 601	Even down Plug Valve	EA	1		850.00
CF 1031	T. Valve	EA	9		990.00
CF 1041	Bracket	EA	1		290.00
CF 1051	Inside Fill Shoe Flange	EA	1		360.00
CF 2002	Civil Section	EA	20		1,000.00
CF 101	Heavy End nut	EA	60		420.00
CF 113	Black Seal Washer	EA	900		648.00
CF 100	Machine Nut	EA	30		127.50
CF 240	Check Valve	EA	285		289.00
CF 103	...	EA	1		175.00
CF 205	Upper Check Valve	EA	1		2,520.00
					250.00
					200.00
				SUB TOTAL	
				SERVICE & EQUIPMENT	%TAX ON \$
				MATERIALS	%TAX ON \$
				TOTAL	<u>15,245.49</u>

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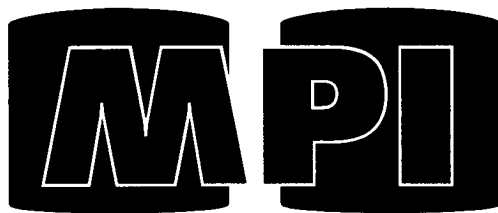
CONSERVATION DIVISION
WICHITA, KS

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CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE <u>Robert Allen</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Robert Allen</u>
FIELD SERVICE ORDER NO. <u>1718 1088 A</u>	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



MESSENGER PETROLEUM, INC.

To: Kansas Corporation Commission
130 S. Market, Rm 2078
Wichita, KS 67202-3802

04-27-2010

Attn: Mr. Jim Hemmen

Re: Request to Hold ALL Well Data Confidential
Govert #1 **AND** **Schwartz #1**
NW 14-29s-9w SW 11-29s-9w
Kingman Co., KS Kingman Co., KS

Dear Mr. Hemmen:

Please allow this letter to be a formal request by Messenger Petroleum, Inc to keep and hold ALL well information on the **Govert #1** and the **Schwartz #1** confidential.

Thank you for your time, consideration, and cooperation on this request. If you require any additional information, please contact me.

Respectfully Submitted

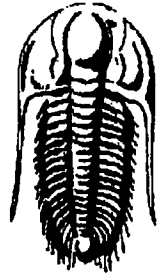

Jon F. Messenger

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman KS 67068

ATTN: Jon Messenger

14-29s-9w Kingman KS

Govert#1

Start Date: 2009.12.16 @ 10:59:18

End Date: 2009.12.16 @ 18:51:48

Job Ticket #: 35735 DST #: 1

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CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Messenger Petroleum Inc.

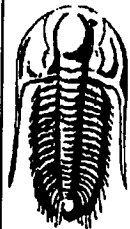
Govert#1

14-29s-9w Kingman KS

DST # 1

Douglas

2009.12.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S.Main
Kingman KS 67068

ATTN: Jon Messenger

Govert#1

14-29s-9w Kingman KS

Job Ticket: 35735

DST#: 1

Test Start: 2009.12.16 @ 10:59:18

GENERAL INFORMATION:

Formation: **Douglas**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:59:33

Time Test Ended: 18:51:48

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3415.00 ft (KB) To 3433.00 ft (KB) (TVD)**

Total Depth: **3433.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Poor

Reference Elevations: 1695.00 ft (KB)

1686.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167 Inside

Press@RunDepth: 603.52 psig @ 3416.00 ft (KB)

Start Date: 2009.12.16

End Date: 2009.12.16

Start Time: 10:59:23

End Time: 18:51:47

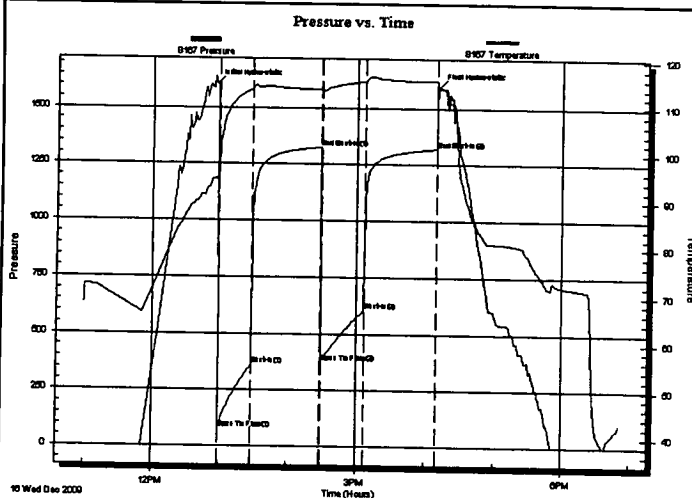
Capacity: 7000.00 psig

Last Calib.: 2009.12.16

Time On Btm: 2009.12.16 @ 12:57:03

Time Off Btm: 2009.12.16 @ 16:11:48

TEST COMMENT: IF: Strong blow . B.O.B. in 2 mins.
IS: Fair to strong blow . B.O.B.
FF: Strong blow . B.O.B. in 5 1/2 mins.
FS: Fair to strong blow . B.O.B.



PRESSURE SUMMARY

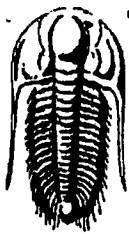
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1605.60	94.78	Initial Hydro-static
3	79.08	95.92	Open To Flow (1)
32	363.04	113.88	Shut-in (1)
92	1324.70	113.84	End Shut-in (1)
92	376.00	113.26	Open To Flow (2)
130	603.52	115.48	Shut-in (2)
194	1319.06	115.68	End Shut-in (2)
195	1595.46	114.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
935.00	SW /Rw .095 ohms @ 51 deg	11.14
125.00	OCMW 10%o 22%m 68%w	1.75
80.00	CGO 10%g 90%o	1.12
0.00	1480 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Govert#1

525 S.Main
Kingman KS 67068

14-29s-9w Kingman KS

Job Ticket: 35735

DST#: 1

ATTN: Jon Messenger

Test Start: 2009.12.16 @ 10:59:18

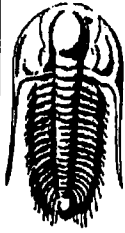
Tool Information

Drill Pipe:	Length: 3186.00 ft	Diameter: 3.80 inches	Volume: 44.69 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 77000.00 lb
		Total Volume:	45.76 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3415.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3396.00	
Shut in tool	5.00			3401.00	
HMV	5.00			3406.00	
Packer	4.00			3410.00	20.00 Bottom Of Top Packer
Packer	5.00			3415.00	
Stubb	1.00			3416.00	
Recorder	0.00	8167	Inside	3416.00	
Recorder	0.00	8370	Outside	3416.00	
Perforations	12.00			3428.00	
Bullnose	5.00			3433.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Govert#1

525 S.Main
Kingman KS 67068

14-29s-9w Kingman KS

Job Ticket: 35735

DST#: 1

ATTN: Jon Messenger

Test Start: 2009.12.16 @ 10:59:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

126000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
935.00	SW /Rw .095 ohms@ 51 deg	11.139
125.00	OCMW 10%o 22% _m 68% _w	1.753
80.00	CGO 10% _g 90% _o	1.122
0.00	1480 ft.of GIP	0.000

Total Length: 1140.00 ft

Total Volume:

14.014 bbl

Num Fluid Samples: 0

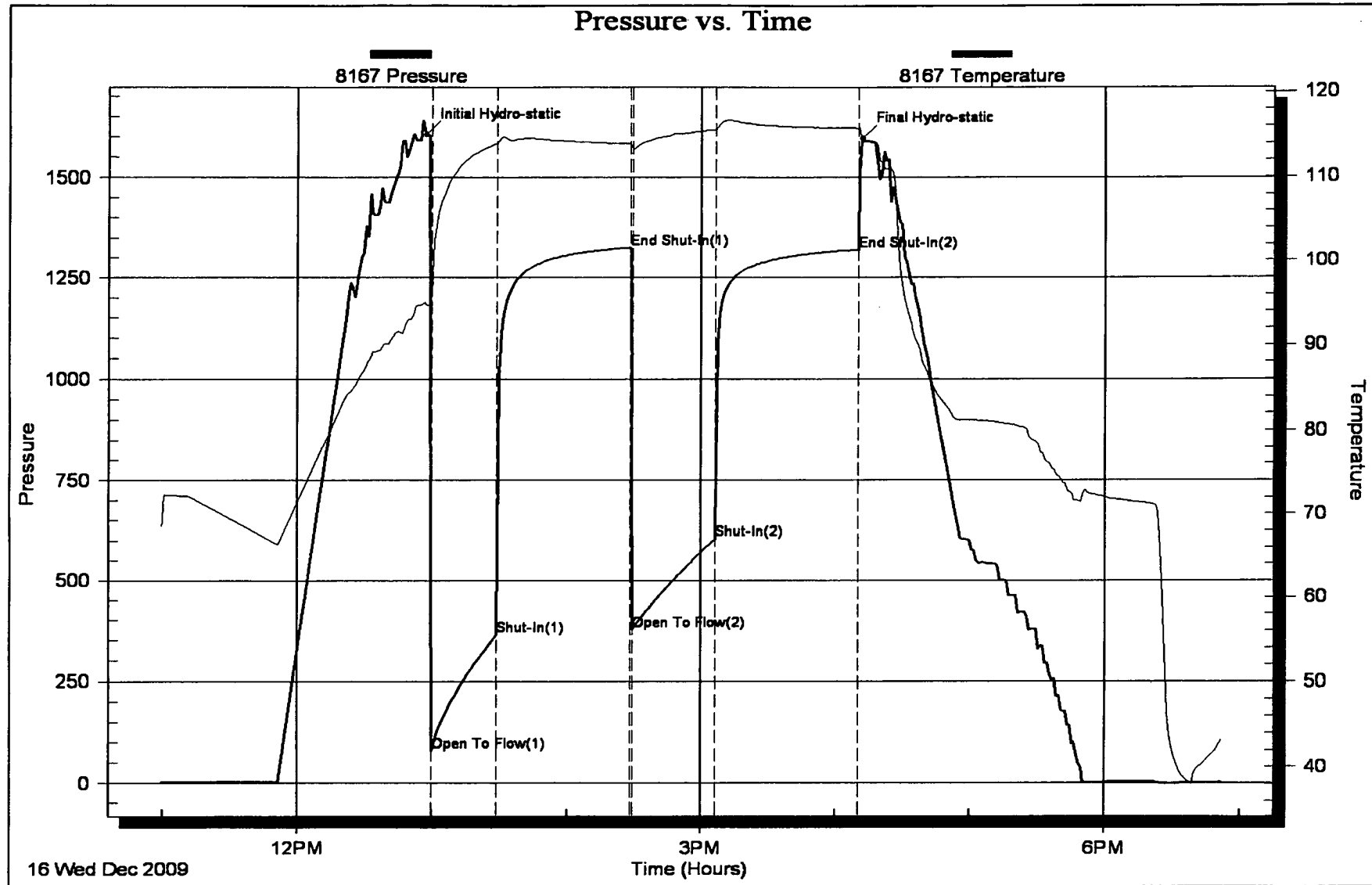
Num Gas Bombs: 0

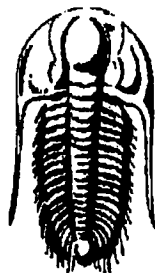
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman KS 67068

ATTN: Jon Messenger

14-29s-9w Kingman KS

Govert#1

Start Date: 2009.12.18 @ 21:12:04

End Date: 2009.12.19 @ 05:08:34

Job Ticket #: 35736 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Messenger Petroleum Inc.

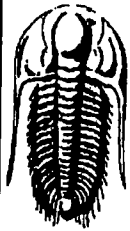
Govert#1

14-29s-9w Kingman KS

DST # 2

Miss.

2009.12.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S. Main
Kingman KS 67068

ATTN: Jon Messenger

Govert#1

14-29s-9w Kingman KS

Job Ticket: 35736

DST#: 2

Test Start: 2009.12.18 @ 21:12:04

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 23:34:19

Time Test Ended: 05:08:34

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **4186.00 ft (KB) To 4198.00 ft (KB) (TVD)**

Total Depth: **4198.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1695.00 ft (KB)**

1686.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167

Inside

Press@RunDepth: **93.50 psig @ 4187.00 ft (KB)**

Start Date: **2009.12.18**

End Date:

2009.12.19

Start Time: **21:12:09**

End Time:

05:08:33

Capacity: **7000.00 psig**

Last Calib.: **2009.12.19**

Time On Btm: **2009.12.18 @ 23:32:19**

Time Off Btm: **2009.12.19 @ 03:07:03**

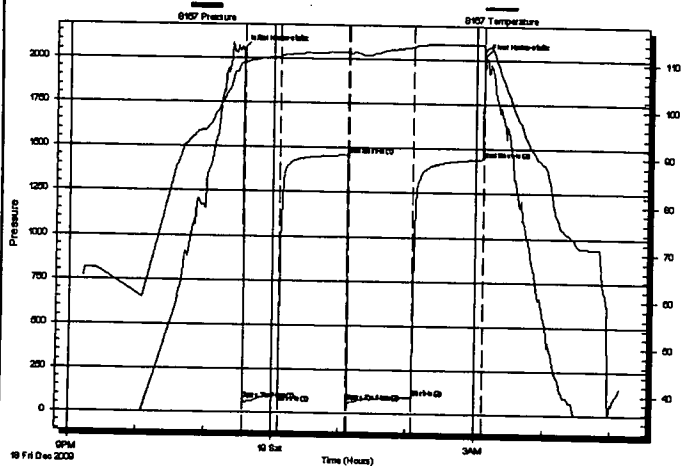
TEST COMMENT: IF: Strong blow. B.O.B. in 2 - 3 secs. GTS in 4 mins. (see gas flow report)

IS: No blow.

FF: Strong blow. (see gas flow report)

FS: Weak blow. 1/2 - 1 1/2".

Pressure vs. Time



PRESSURE SUMMARY

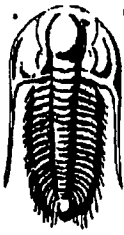
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2049.67	109.89	Initial Hydro-static
2	72.57	109.63	Open To Flow (1)
34	101.72	110.98	Shut-In(1)
95	1456.94	112.33	End Shut-In(1)
96	65.18	112.10	Open To Flow (2)
153	93.50	113.42	Shut-In(2)
215	1439.21	114.04	End Shut-In(2)
215	2017.53	113.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GM&WCO 20%g 9%o 21%w 50%o	0.61
105.00	GOCMW 37%g 19%o 21%w 23%w	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	19.00	122.35
Last Gas Rate	0.50	25.00	265.78
Max. Gas Rate	0.38	44.00	213.93



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Govert#1

525 S.Main
Kingman KS 67068

14-29s-9w Kingman KS

Job Ticket: 35736

DST#: 2

ATTN: Jon Messenger

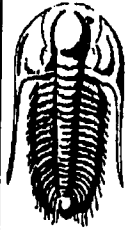
Test Start: 2009.12.18 @ 21:12:04

Tool Information

Drill Pipe:	Length: 3952.00 ft	Diameter: 3.80 inches	Volume: 55.44 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 79000.00 lb
			<u>Total Volume: 56.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4186.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4167.00	
Shut in tool	5.00			4172.00	
HMV	5.00			4177.00	
Packer	4.00			4181.00	20.00 Bottom Of Top Packer
Packer	5.00			4186.00	
Stubb	1.00			4187.00	
Recorder	0.00	8167	Inside	4187.00	
Recorder	0.00	8370	Outside	4187.00	
Perforations	6.00			4193.00	
Bullnose	5.00			4198.00	12.00 Bottom Packers & Anchor
Total Tool Length:	32.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Govert#1

525 S.Main
Kingman KS 67068

14-29s-9w Kingman KS

Job Ticket: 35736

DST#: 2

ATTN: Jon Messenger

Test Start: 2009.12.18 @ 21:12:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 10.79 in³

Resistivity: 0.00 ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 5000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GM&WCO 20%g 9%m 21%w 50%o	0.615
105.00	GOCMW 37%g 19%o 21%m 23%w	0.635

Total Length: 230.00 ft Total Volume: 1.250 bbl

Num Fluid Samples: 0

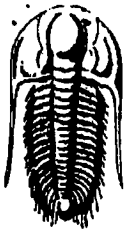
Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc.

Govert#1

525 S.Main
Kingman KS 67068

14-29s-9w Kingman KS

Job Ticket: 35736

DST#: 2

ATTN: Jon Messenger

Test Start: 2009.12.18 @ 21:12:04

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.38	19.00	122.35
1	10	0.38	19.00	122.35
1	20	0.38	39.00	195.62
1	30	0.38	44.00	213.93
2	10	0.50	24.00	259.04
2	20	0.50	26.00	272.53
2	30	0.50	25.00	265.78
2	40	0.50	25.00	265.78
2	50	0.50	25.00	265.78

