

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 4706
Name: Messenger Petroleum, Inc.
Address: 525 S. Main
City/State/Zip: Kingman, KS 67068
Purchaser: West Wichita Gas
Operator Contact Person: Jon F. Messenger
Phone: (620) 532-5400
Contractor: Name: Sterling Drilling Company
License: 5142
Wellsite Geologist: Jon F. Messenger

Designate Type of Completion:
New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
Gas ENHR SIGW
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./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.

01-29-2007 02-06-2007 03-12-2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 095-22081-0000
County: Kingman
C C C NW Sec. 10 Twp. 29 S. R. 8 East West
1320 feet from S / (circle one) Line of Section
1320 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Bock-Kinsler Well #: 1
Field Name: Garlich (ext)

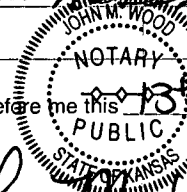
Producing Formation: Mississippian
Elevation: Ground: 1688 Kelly Bushing: 1697
Total Depth: 4280 Plug Back Total Depth: 4236
Amount of Surface Pipe Set and Cemented at 231.74' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 235'
feet depth to surface w/ 225' sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 11,000 ppm Fluid volume 900 bbls
Dewatering method used settlement
Location of fluid disposal if hauled offsite:
Operator Name: Messenger Petroleum, Inc.
Lease Name: Nichlolas License No.: 4706
Quarter NE Sec. 20 Twp. 30 S. R. 8 East West
County: Kingman Docket No.: D-27,434

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: [Handwritten Signature]
Title: President Date: 10-13-07
Subscribed and sworn to before me this 13th day of October 2007.
Notary Public: John M. Wood
Date Commission Expires: September 9, 2010



KCC Office Use ONLY
N Letter of Confidentiality Received RECEIVED
V If Denied, Yes Date KANSAS CORPORATION COMMISSION
Wireline Log Received
Geologist Report Received OCT 16 2007
UIC Distribution CONSERVATION DIVISION

Operator Name: Messenger Petroleum, Inc. Lease Name: Bock-Kinsler Well #: 1
 Sec. 10 Twp. 29 S. R. 8 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	<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>3238</td> <td>-1541</td> </tr> <tr> <td>Swope</td> <td>3859</td> <td>-2162</td> </tr> <tr> <td>Hertha</td> <td>3892</td> <td>-2195</td> </tr> <tr> <td>Miss</td> <td>4170</td> <td>-2473</td> </tr> <tr> <td>LTD</td> <td>4280</td> <td>-2583</td> </tr> </table>	Name	Top	Datum	Heebner	3238	-1541	Swope	3859	-2162	Hertha	3892	-2195	Miss	4170	-2473	LTD	4280	-2583
Name	Top	Datum																	
Heebner	3238	-1541																	
Swope	3859	-2162																	
Hertha	3892	-2195																	
Miss	4170	-2473																	
LTD	4280	-2583																	

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#	231.74'	60/40 poz	225	2%gel,3%CC,1/4#CF
production	7-7/8"	4-1/2"	10.50#	4272'	AA-2	125	.3%CFR,.3%FLA,10%
							salt.75%GB,5# gils

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 (Amount and Kind of Material Used)	Depth
4	Miss 4170-4172 (2' @ 4 SPF)	500 gal 10% MCA	
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		OCT 16 2007	
		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size 2-3/8"	Set At 4148	Packer At 4148	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 06-23-2007		Producing Method <input checked="" 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 233	Water Bbls. 24	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Miss 4170-4172

MESSENGER PETROLEUM, INC.
525 S. Main
Kingman, KS 67068
620-532-5400

BOCK-KINSLER #1
 C NW 10-29S-8W
 Kingman Co., KS

DST #1 2286-2352 [Indian Cave] 30-30-30-30
 IF: strong blow, BOB in 6 min ISI: no blow
 FF: strong blow, BOB in 12 min FSI: no blow
 Rec: 320' gas in pipe + 480' total fluid:
 448' GMCW (5% G, 65% W, 30% M)
 32' GWCM (10% G, 20% W, 70% M)
 ISIP 833 FSIP 828 IFP 35-184 FFP 177-249 IHP 1121 FHP 1062 BHT 91
 Deg F Chlor: 90,000 rec 84,000 sys

DST #2 4172-4184 [Mississippian] 30-60-60-60
 IF: strong blow, BOB in 5 sec, GTS in 5 min ISI: weak blow, 1/4"
 FF: strong blow, BOB immed FSI: weak blow, 1/4"
 Rec: 1st Op Ga 216 MCF in 10 min 2nd Op Ga 561 MCF in 10 min
 317 MCF in 20 min 561 MCF in 20 min
 354 MCF in 30 min 474 MCF in 30 min
 445 MCF in 40 min
 445 MCF in 50 min
 445 MCF in 60 min
 270' total fluid; 22' SGCM (10%G, 90%M)
 248' SG&WCM (5%G, 20%W, 75%M)
 ISIP 1298 FSIP 1272 IFP 50-125 FFP 105-129 IHP 2161 FHP 2079
 BHT 112 deg F Chlor: 125,000 rec 5000 sys

Structural Comparison

Formation	sample top	log top
Heebner	3240 -1543	3238 -1541
Brown Lime	3456 -1759	3453 -1756
Swope	3860 -2163	3859 -2162
Hertha	3894 -2197	3892 -2195
Miss	4172 -2475	4170 -2473
RTD / LTD	4280 -2583	4280 -2583

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OCT 16 2007

CONSERVATION DIVISION
 WICHITA, KS



TREATMENT REPORT

Customer: <i>Messenger Pet.</i>	Lease No.	Date: <i>2-7-08</i>
Lease: <i>Bock-Kinsler</i>	Well #: <i>1</i>	
Field Order #: <i>14999</i>	Station: <i>Pratt</i>	Casing: <i>4 1/2</i>
Type Job: <i>4 1/2 L.S. N.W.</i>	Formation	County: <i>Kingman</i>
		State: <i>Ks.</i>
		Legal Description: <i>10-295-8w</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: <i>4 1/2</i>	Tubing Size	Shots/Ft	<i>Perf. -</i>	Acid: <i>1255K. AA2</i>	RATE	PRESS	ISIP	
Depth: <i>4274</i>	Depth	From	To	Pre Pad: <i>1.43 ft</i>	Max		5 Min.	
Volume: <i>68</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press: <i>1500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection: <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth: <i>4234</i>	Packer Depth	From	To	Flush: <i>67.5 Bbl.</i>	Gas Volume		Total Load	

Customer Representative: *Jon Messenger* Station Manager: *Dave Scott* Treater: *Bobby Drake*

Service Units	<i>123</i>	<i>226</i>	<i>347</i>	<i>501</i>					
Driver Names	<i>Drake</i>	<i>Sullivan</i>	<i>Bdes</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2100</i>					<i>On location - Safety Meeting</i>
<i>0130</i>					<i>Run Csg - 101 ft 4 1/2 By 10.5 #9 Crnt. 1,335</i>
<i>0400</i>					<i>Csg. on Bottom</i>
<i>0420</i>					<i>Hook up to Csg. - Brock Circ. w/ Rig</i>
<i>0525</i>	<i>300</i>		<i>5</i>	<i>5.0</i>	<i>H2O Ahead</i>
<i>0526</i>	<i>300</i>		<i>24</i>	<i>5.0</i>	<i>Mud Flush</i>
<i>0531</i>	<i>300</i>		<i>5</i>	<i>5.0</i>	<i>H2O Spacer</i>
<i>0534</i>	<i>300</i>		<i>7</i>	<i>5.0</i>	<i>Scavenger Cmt. @ 15.0 gal/gal</i>
<i>0535</i>	<i>300</i>		<i>30</i>	<i>5.0</i>	<i>Mix Cmt. @ 15.0 gal/gal</i>
<i>0544</i>					<i>Release Plug - Clear Pump & Lines</i>
<i>0546</i>	<i>200</i>			<i>5.5</i>	<i>Start Disp.</i>
<i>0554</i>	<i>400</i>		<i>50</i>	<i>5.5</i>	<i>Lift Pressure</i>
<i>0557</i>	<i>1500</i>		<i>67.5</i>		<i>Plug Down</i>
<i>0600</i>			<i>4/3</i>		<i>plug Rat & Mouse Hole</i>
					<i>Circulation Thru Job</i>
					<i>Job Complete</i>

Thanks, Bobby

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CONSERVATION DIVISION
WICHITA, KS



FIELD ORDER 14285

Subject to Correction

Date 1-29-07	Customer ID	Lease Bock-Kinsler	Well # 1	Legal 10-295-8W
CHARGE		County Kingman	State KS.	Station Pratt
Messenger Petroleum, Incorporated		Depth 8 7/8 231 b.	Formation 232 FT. TD 235 FT.	Shoe Joint 15 Ft.
		Casing	Job Type Surface-New Well	
		Customer Representative John Messenger	Treat Clarence R. Messick	

AFE Number	PO Number	Materials Received by X <i>[Signature]</i>
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D203	225 sk.	60/40 Poz		
P	C194	53 Lb.	Cellflake		
P	C310	582 Lb.	Calcium Chloride		
P	F163	1 ea.	Wooden Cement Plug, 8 5/8"		
P	E100	70 mi.	Heavy Vehicle Mileage, 1-Way		
P	E101	35 mi.	Pickup Mileage, 1-Way		
P	E104	340 tm.	Bulk Delivery		
P	E107	225 sk.	Cement Service Charge		
P	R200	1 ea.	Cement Pumper: 0'-300'		
P	R701	1 ea.	Cement Head Rental		
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				Discounted Price =	
				Plus taxes	
				\$ 4,860.62	

Customer Messenger Petroleum, Incorporated	Lease No. Bock-kinsler	Well # 1	Date 1-29-07
Field Order # 14285	Station Pratt	Casing 8 5/8" 23Lb.	Depth 232'
Type/Job Surface-New Well	Formation	County Kingman	State KS.
		Legal Description 10-295-8W	

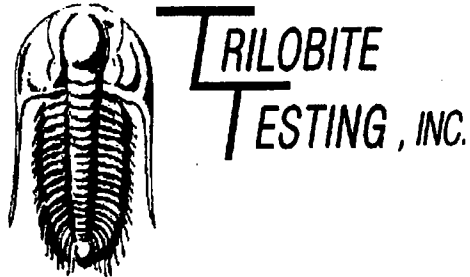
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8" 23Lb./ft.	Tubing Size	Shots/Ft		Cement 225 sacks 60/40 Poz with 28 Gel,	RATE	PRESS	ISIP
Depth 232 Ft.	Depth	From	To	39 C.C., 23Lb./sk. Cellflake	Max		5 Min.
Volume 14.8 Bbl.	Volume	From	To	14.72 Lb./Gal., 5.71 Gal./sk.,	Min		10 Min.
Max Press 130 P.S.I.	Max Press	From	To		Avg		15 Min.
Well Connection Plug Container	Annulus Vol	From	To		HHP Used		Annulus Pressure
Plug Depth 217 Ft.	Packer Depth	From	To	Flush 14 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative John Messenger	Station Manager David Scott	Treater Clarence R. Messick
Service Units 119	307 406 305 572	
Driver Names Messick McGwire Mattal		

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00						Trucks on location and hold safety meeting.
10:15						Sterling Drilling start to run bits. new 23Lb./ft. 8 5/8" casing.
11:40						Casing in well. Circulate 10 minutes.
11:55		150			5	Start Fresh Water Pre-Flush.
		150		15	5	Start Mixing, 225 sacks 60/40 Poz cement
				65		Stop pumping. Shut in well. Release Plug. Open well.
12:15		150			3	Start Fresh water displacement.
12:20		150		14		Plug down.
						Shut in well.
						Circulate 15 sks. Cement top it.
						Wash up pump truck.
1:00						Job Complete.
						Thanks, Clarence, Corey, Mike

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OCT 16 2007
CONSERVATION DIVISION
WICHITA, KS

15-095-22081-0000



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

10 29 8W Kingman KS

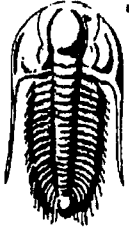
Bock-Kinsler #1

Start Date: 2007.02.01 @ 15:09:36

End Date: 2007.02.01 @ 20:56:36

Job Ticket #: 27046 DST #: 1

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum Inc

Bock-Kinsler #1

525 S Main
Kingman KS 67068

10 29 8W Kingman KS

ATTN: Jon Messenger

Job Ticket: 27046

DST#: 1

Test Start: 2007.02.01 @ 15:09:36

GENERAL INFORMATION:

Formation: **Indiain Cove**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:53:06

Time Test Ended: 20:56:36

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: **2286.00 ft (KB) To 2352.00 ft (KB) (TVD)**

Total Depth: 2352.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1697.00 ft (KB)

1688.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8290

Inside

Press@RunDepth: 249.01 psig @ 2292.00 ft (KB)

Start Date: 2007.02.01

End Date:

2007.02.01

Capacity:

7000.00 psig

Start Time: 15:09:41

End Time:

19:36:35

Last Calib.:

2007.02.01

Time On Btm:

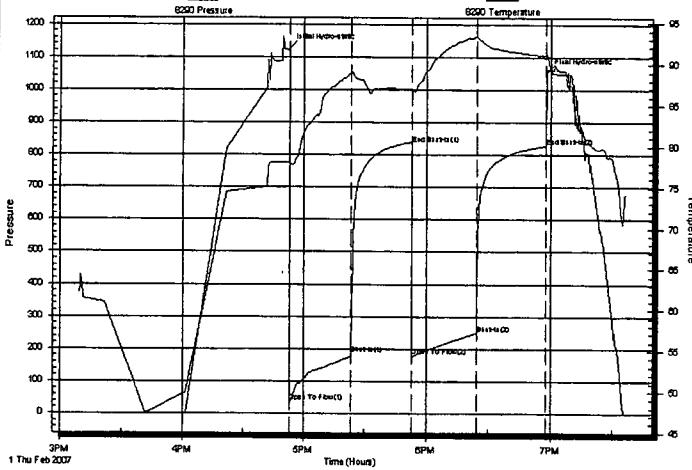
2007.02.01 @ 16:52:51

Time Off Btm:

2007.02.01 @ 18:58:06

TEST COMMENT: IF Strong blow BOB in 6 min.
ISI No blow
FF Strong blow BOB in 12 min.
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

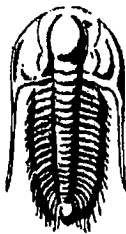
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1127.20	78.04	Initial Hydro-static
1	34.98	77.69	Open To Flow (1)
31	184.19	89.00	Shut-In(1)
61	832.81	86.96	End Shut-In(1)
61	177.43	86.77	Open To Flow (2)
92	249.01	93.32	Shut-In(2)
125	827.52	91.06	End Shut-In(2)
126	1052.49	91.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
448.00	GSY MCW 5%G 65%W 30%M	4.33
32.00	GSY WCM 10%G 20%W 70%M	0.45
0.00		0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Bock-Kinsler #1

525 S Main
Kingman KS 67068

10 29 8W Kingman KS

Job Ticket: 27046

DST#: 1

ATTN: Jon Messenger

Test Start: 2007.02.01 @ 15:09:36

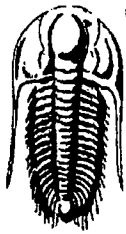
Tool Information

Drill Pipe:	Length: 2075.00 ft	Diameter: 3.80 inches	Volume: 29.11 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 214.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 51000.00 lb
		Total Volume:	30.16 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	2286.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2267.00	
Shut In Tool	5.00			2272.00	
Hydraulic tool	5.00			2277.00	
Packer	4.00			2281.00	20.00 Bottom Of Top Packer
Packer	5.00			2286.00	
Stubb	1.00			2287.00	
Perforations	5.00			2292.00	
Recorder	0.00	8290	Inside	2292.00	
Change Over Sub	1.00			2293.00	
Blank Spacing	32.00			2325.00	
Change Over Sub	1.00			2326.00	
Perforations	21.00			2347.00	
Recorder	0.00	13789	Outside	2347.00	
Bullnose	5.00			2352.00	66.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Bock-Kinsler #1

525 S Main
Kingman KS 67068

10 29 8W Kingman KS

Job Ticket: 27046

DST#: 1

ATTN: Jon Messenger

Test Start: 2007.02.01 @ 15:09:36

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

90000 ppm

Viscosity: 29.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 84000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
448.00	GSY MCW 5%G 65%W 30%M	4.335
32.00	GSY WCM 10%G 20%W 70%M	0.449
0.00		0.000

Total Length: 480.00 ft

Total Volume: 4.784 bbl

Num Fluid Samples: 0

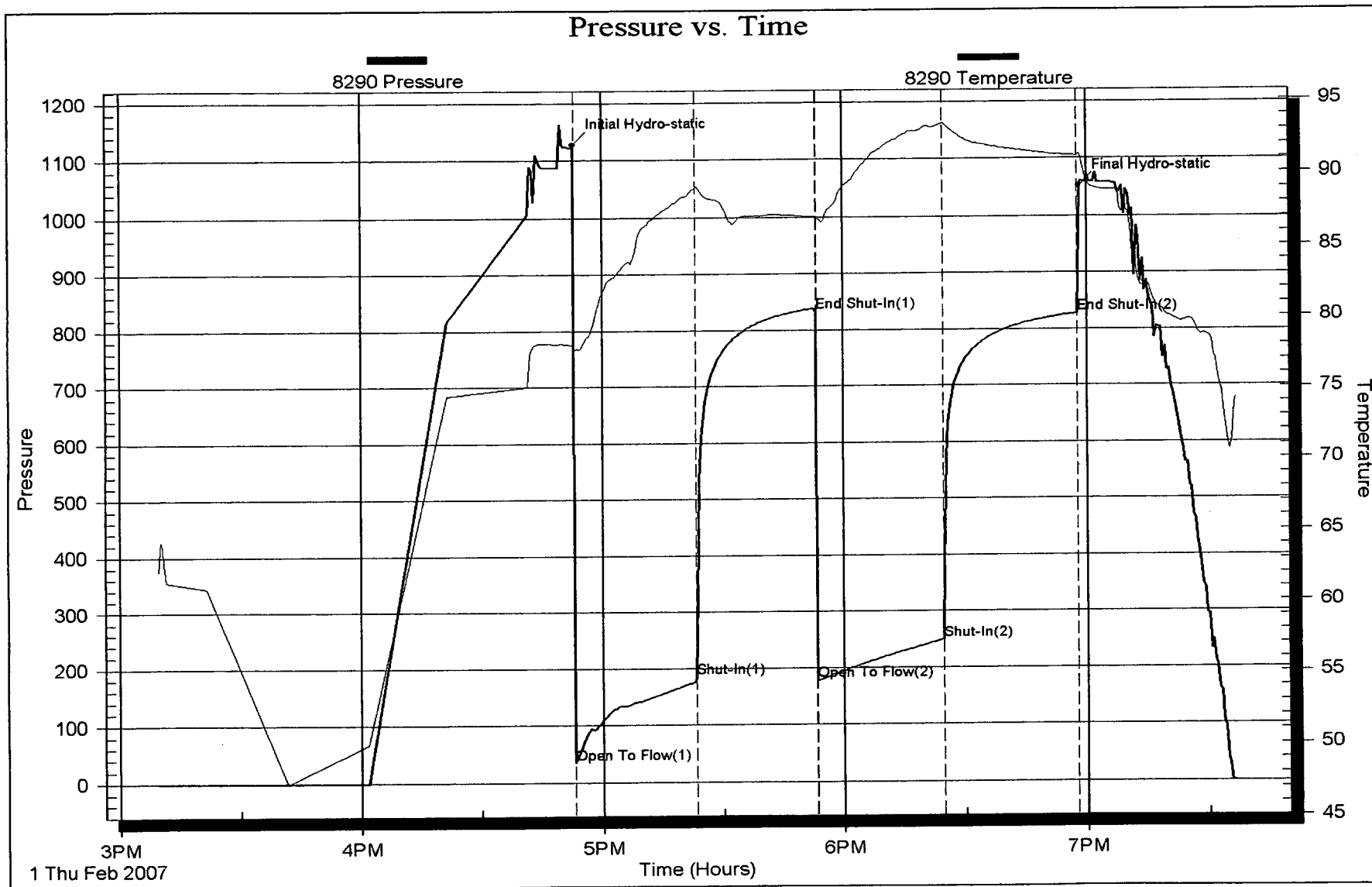
Num Gas Bombs: 0

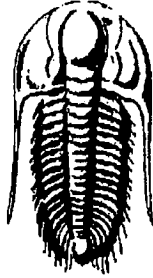
Serial #:

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

10 29 8W Kingman KS

Bock-Kinsler #1

Start Date: 2007.02.05 @ 16:11:32

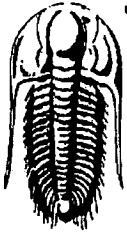
End Date: 2007.02.05 @ 23:43:32

Job Ticket #: 25841 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Messenger Petroleum Inc

Bock-Kinsler #1

525 S Main
Kingman KS 67068

10 29 8W Kingman KS

Job Ticket: 25841

DST#: 2

ATTN: Jon Messenger

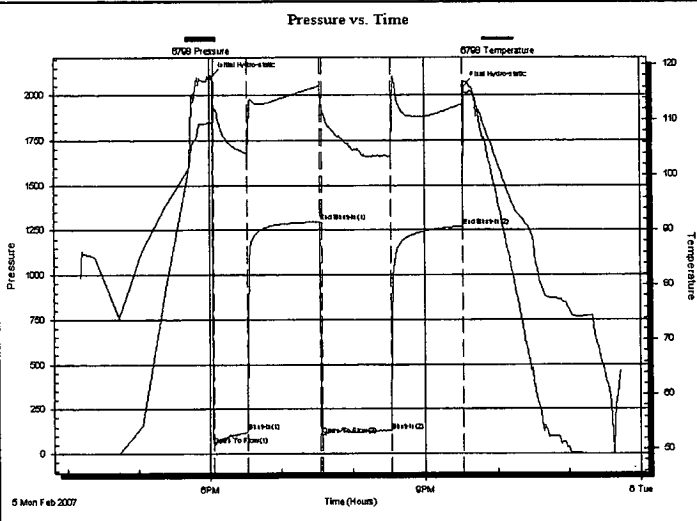
Test Start: 2007.02.05 @ 16:11:32

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:03:32
 Time Test Ended: 23:43:32
 Test Type: Conventional Bottom Hole
 Tester: Jerry Adams
 Unit No: 36
 Interval: **4172.00 ft (KB) To 4184.00 ft (KB) (TVD)**
 Total Depth: 4184.00 ft (KB) (TVD)
 Reference Elevations: 1697.00 ft (KB)
 1688.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 9.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 128.71 psig @ 4173.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.02.05 End Date: 2007.02.05 Last Calib.: 2007.02.05
 Start Time: 16:11:37 End Time: 23:43:31 Time On Btm: 2007.02.05 @ 18:02:02
 Time Off Btm: 2007.02.05 @ 21:32:01

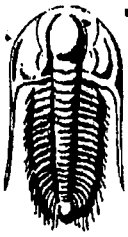
TEST COMMENT: IF Strong blow BOB in 10 secs. GTS in 5 mins (see gas flow report)
 ISI Very weak surface blow
 FF Strong blow BOB immediately
 FSI Weak blow Built to 1/4 "



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2104.11	109.59	Initial Hydro-static
2	49.98	112.28	Open To Flow (1)
30	124.98	103.94	Shut-in(1)
91	1297.80	116.12	End Shut-in(1)
93	104.75	112.07	Open To Flow (2)
150	128.71	103.44	Shut-in(2)
210	1271.64	112.89	End Shut-in(2)
210	2048.74	114.34	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
248.00	SG&WCM 5%G 20%W 75%M	1.49
22.00	SGCM 10%G 90%M	0.31
0.00	3900' GIP	0.00
0.00	RW= .125 @ 42 deg. 125000 ppm	0.00
0.00		0.00

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	20.00	232.73
Last Gas Rate			
Max. Gas Rate	0.50	42.00	381.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

Bock-Kinsler #1

10 29 8W Kingman KS

Job Ticket: 25841

DST#: 2

Test Start: 2007.02.05 @ 16:11:32

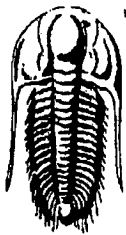
Tool Information

Drill Pipe:	Length: 3953.00 ft	Diameter: 3.80 inches	Volume: 55.45 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 218.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 80000.00 lb
		<u>Total Volume:</u>	<u>56.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4172.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4158.00	
Hydraulic tool	5.00			4163.00	
Packer	4.00			4167.00	19.00 Bottom Of Top Packer
Packer	5.00			4172.00	
Stubb	1.00			4173.00	
Recorder	0.00	6798	Inside	4173.00	
Perforations	8.00			4181.00	
Recorder	0.00	13249	Outside	4181.00	
Bullnose	3.00			4184.00	12.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Bock-Kinsler #1

525 S Main
Kingman KS 67068

10 29 8W Kingman KS

Job Ticket: 25841

DST#: 2

ATTN: Jon Messenger

Test Start: 2007.02.05 @ 16:11:32

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	SG&WCM 5%G 20%W 75%M	1.493
22.00	SGCM 10%G 90%M	0.309
0.00	3900' GIP	0.000
0.00	RW= .125 @ 42 deg. 125000 ppm	0.000
0.00		0.000

Total Length: 270.00 ft

Total Volume: 1.802 bbl

Num Fluid Samples: 0

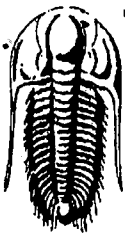
Num Gas Bombs: 1

Serial #: JA-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc

Bock-Kinsler #1

525 S Main
Kingman KS 67068

10 29 8W Kingman KS

Job Ticket: 25841

DST#: 2

ATTN: Jon Messenger

Test Start: 2007.02.05 @ 16:11:32

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	0.50	20.00	232.73
1	20	0.50	36.00	340.66
1	30	0.50	42.00	381.13
2	10	0.75	24.00	601.36
2	20	0.75	24.00	601.36
2	30	0.75	18.00	507.65
2	40	0.75	16.00	476.41
2	50	0.75	16.00	476.41
2	60	0.75	16.00	476.41
0	-	-999999.00	-999999.00	-999999.00

