TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E. Central
Wichita KS 67206-2573

ATTN: Scott Hampel

23-30s-19w Kiowa,KS

McKinney Trust "A" #3-23

Start Date: 2014.08.11 @ 20:45:00

End Date: 2014.08.12 @ 06:27:00

Job Ticket #: 60334 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.08.20 @ 09:52:24

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

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ATTN: Scott Hampel

McKinney Trust "A" #3-23

23-30s-19w Kiowa,KS

Job Ticket: 60334 **DST#: 1**

Test Start: 2014.08.11 @ 20:45:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:12:00
Time Test Ended: 06:27:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: S3

Interval: 5088.00 ft (KB) To 5132.00 ft (KB) (TVD)
Total Depth: 5132.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

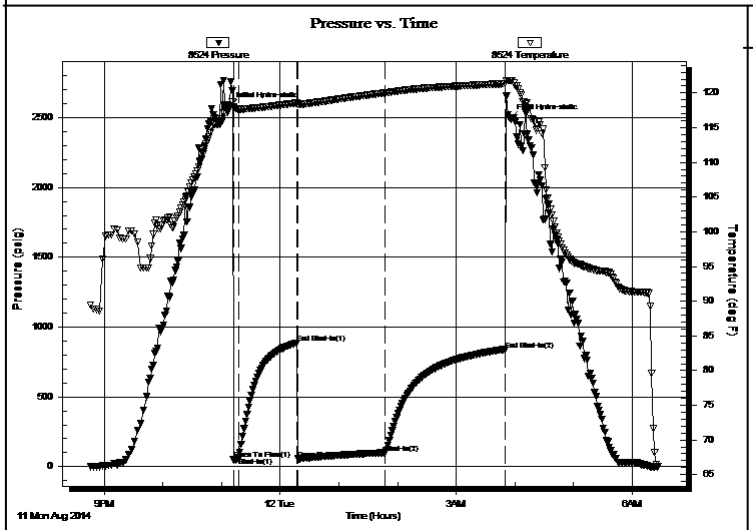
Reference Elevations: 2253.00 ft (KB)
2239.00 ft (CF)
KB to GR/CF: 14.00 ft

Serial #: 8524 **Inside**

Press@RunDepth: 99.83 psig @ 5128.00 ft (KB)
Start Date: 2014.08.11 End Date: 2014.08.12
Start Time: 20:46:00 End Time: 06:27:00

Capacity: 8000.00 psig
Last Calib.: 2014.08.12
Time On Btm: 2014.08.11 @ 23:08:00
Time Off Btm: 2014.08.12 @ 03:55:00

TEST COMMENT: IFP 5 Good blow built to bottom of bucket in 3 minutes and 25 seconds.
ISI 60 No blow back.
FFP 90 Good blow built to bottom of bucket in 5 minutes and 30 seconds.
FSI 120 No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2580.93	118.19	Initial Hydro-static
4	52.50	117.98	Open To Flow (1)
10	67.64	117.68	Shut-In(1)
69	886.56	118.56	End Shut-In(1)
70	56.13	118.38	Open To Flow (2)
160	99.83	120.00	Shut-In(2)
282	833.52	121.34	End Shut-In(2)
287	2495.38	121.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	474 foot Gas	0.00
156.00	100% Mud with trace Oil.	0.77

Gas Rates

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

DRILL STEM TEST REPORT

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23-30s-19w Kiowa,KS

Job Ticket: 60334 **DST#: 1**

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Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: S3

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Total Depth: 5132.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

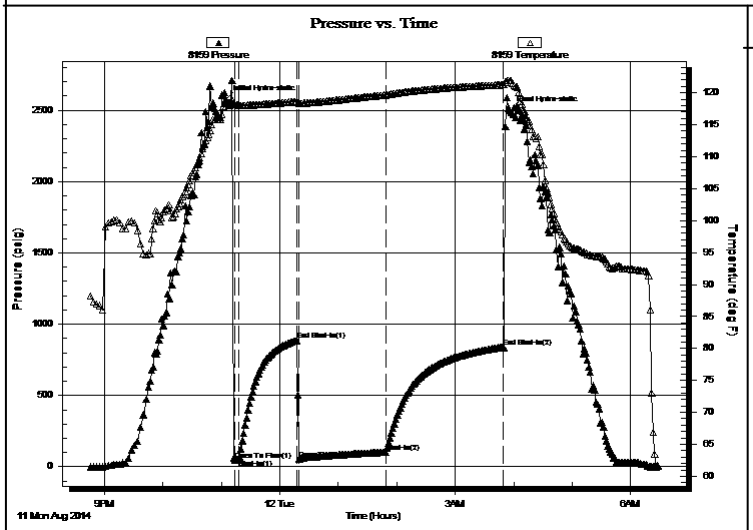
Reference Elevations: 2253.00 ft (KB)
2239.00 ft (CF)
KB to GR/CF: 14.00 ft

Serial #: 8159 **Outside**

Press@RunDepth: 840.48 psig @ 5129.00 ft (KB)
Start Date: 2014.08.11 End Date: 2014.08.12
Start Time: 20:46:00 End Time: 06:28:00

Capacity: 8000.00 psig
Last Calib.: 2014.08.12
Time On Btm: 2014.08.11 @ 23:05:00
Time Off Btm: 2014.08.12 @ 03:56:00

TEST COMMENT: IFP 5 Good blow built to bottom of bucket in 3 minutes and 25 seconds.
ISI 60 No blow back.
FFP 90 Good blow built to bottom of bucket in 5 minutes and 30 seconds.
FSI 120 No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2576.98	118.39	Initial Hydro-static
9	47.98	118.32	Open To Flow (1)
13	53.73	118.04	Shut-In(1)
73	886.96	118.62	End Shut-In(1)
75	55.85	118.36	Open To Flow (2)
164	100.60	119.64	Shut-In(2)
285	840.48	121.26	End Shut-In(2)
291	2496.04	121.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	474 foot Gas	0.00
156.00	100% Mud with trace Oil.	0.77

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

9342 E. Central
Wichita KS 67206-2573

ATTN: Scott Hampel

McKinney Trust "A" #3-23

23-30s-19w Kiowa,KS

Job Ticket: 60334 **DST#: 1**

Test Start: 2014.08.11 @ 20:45:00

Tool Information

Drill Pipe:	Length:	4776.00 ft	Diameter:	3.80 inches	Volume:	66.99 bbl	Tool Weight:		2000.00 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:	299.44 ft	Diameter:	2.25 inches	Volume:	1.47 bbl	Weight to Pull Loose:		100000.0 lb
					Total Volume:	68.46 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		15.44 ft					String Weight:	Initial	86000.00 lb
Depth to Top Packer:		5088.00 ft						Final	90000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		44.00 ft							
Tool Length:		72.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			5065.00		
Hydraulic tool	5.00			5070.00		
Jars	6.00			5076.00		
Safety Joint	2.00			5078.00		
Top Packer	5.00			5083.00		
Packer	5.00			5088.00	28.00	Bottom Of Top Packer
Anchor	39.00			5127.00		
Recorder	1.00	8524	Inside	5128.00		
Recorder	1.00	8159	Outside	5129.00		
Bull Plug	3.00			5132.00	44.00	Anchor Tool
Total Tool Length:	**72.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

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Wichita KS 67206-2573

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McKinney Trust "A" #3-23

23-30s-19w Kiowa,KS

Job Ticket: 60334 **DST#: 1**

Test Start: 2014.08.11 @ 20:45:00

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:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.17 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

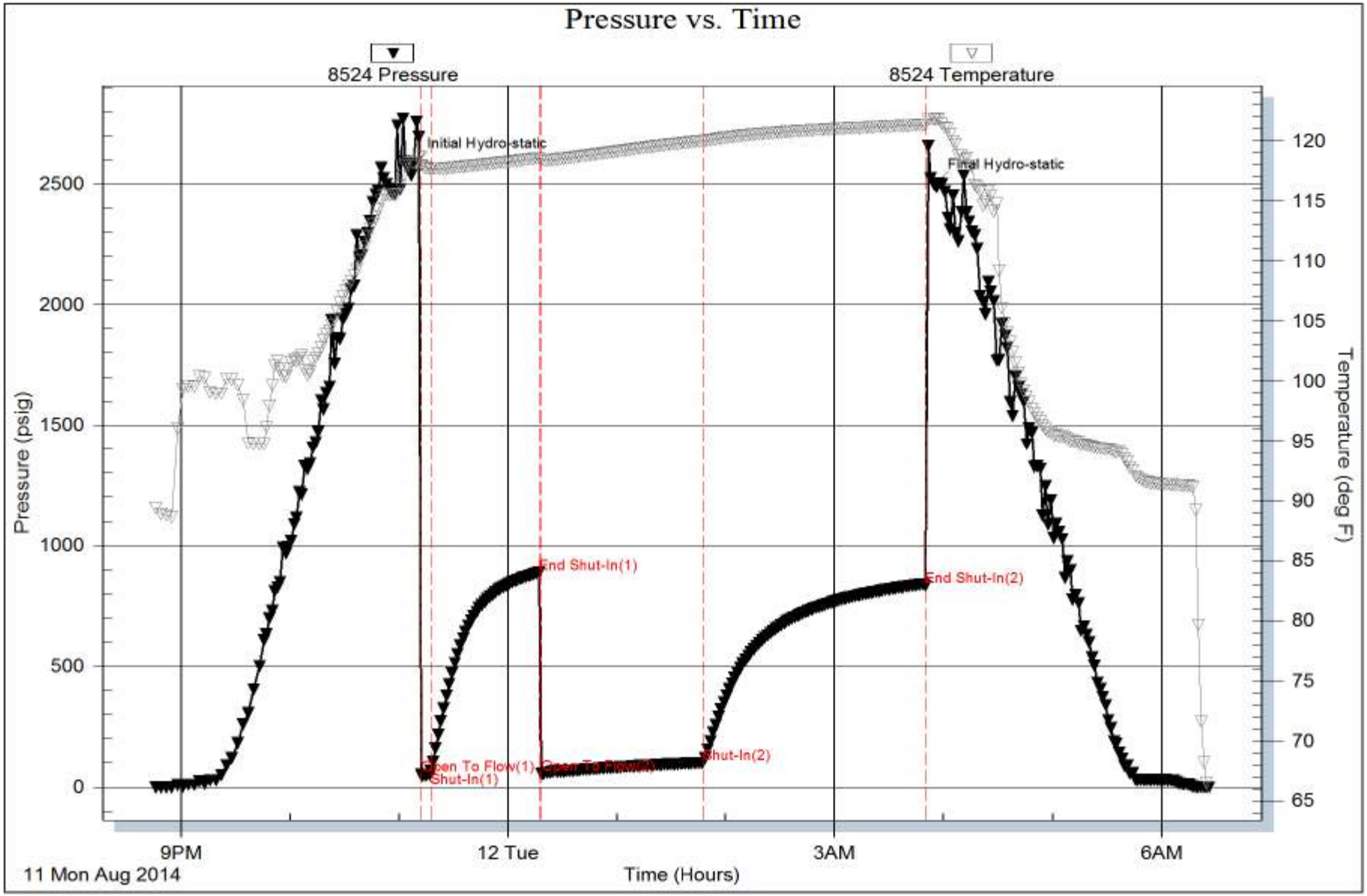
Recovery Table

Length ft	Description	Volume bbl
0.00	474 foot Gas	0.000
156.00	100% Mud with trace Oil.	0.767

Total Length: 156.00 ft Total Volume: 0.767 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8524 **Inside** McCoy Petroleum Corporation 23-30s-19w Kiowa,KS DST Test Number: 1



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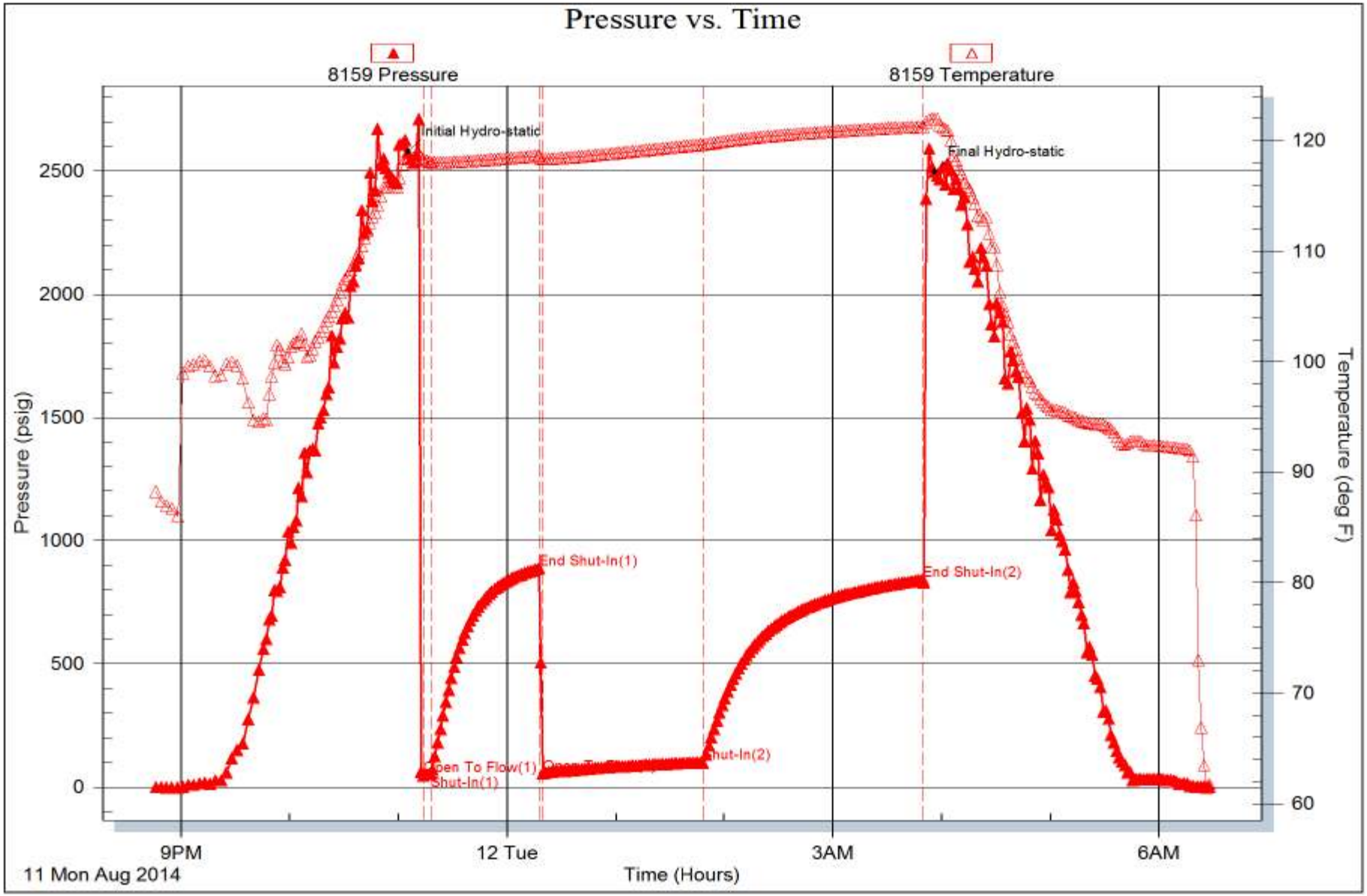
Serial #: 8159 **Outside** McCoy Petroleum Corporation 23-30s-19w Kiowa,KS DST Test Number: 1



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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 60334

Well Name & No. McKinney Trust "A" #3-23 Test No. 1 Date 8-11-14

Company McCoy Petroleum Corporation Elevation 2239 KB 2253 GL

Address 9342 E. Central Wichita KS 67206-2573

Co. Rep / Geo. Zach Wiele Rig Sterling Rig #5

Location: Sec. 23 Twp. 30S Rge. 19W Co. Kiowa State KS

Interval Tested 5088-5132 Zone Tested Mississippian

Anchor Length 44 Drill Pipe Run 4726 Mud Wt. 9.3

Top Packer Depth 5083 Drill Collars Run 299.44 Vis 51

Bottom Packer Depth 5088 Wt. Pipe Run 0 WL 9.2

Total Depth 5132 Chlorides 7,000 ppm System LCM 3#

Blow Description 1st Open - Bottom of Bucket Blow in 3 min. 25 sec. 1st Shut In - No blow back. 2nd Open - Bottom of Bucket Blow in 5 min. and 30 sec. 2nd Shut In - No Blow back.

Rec 156	Feet of mud with Trace of oil	%gas T	%oil	%water 100	%mud	
Rec	Feet of 474 Feet Gas	100 %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 156 BHT 121 Gravity \ API RW \ @ \ °F Chlorides \ ppm

(A) Initial Hydrostatic 2580	☒ Test 1350	T-On Location 20:00	
(B) First Initial Flow 52	☒ Jars 250	T-Started 20:45	
(C) First Final Flow 67	☒ Safety Joint 75	T-Open 23:15	
(D) Initial Shut-In 886	☐ Circ Sub	T-Pulled 03:35	
(E) Second Initial Flow 56	☐ Hourly Standby	T-Out 06:30	
(F) Second Final Flow 99	☒ Mileage	Comments	
(G) Final Shut-In 833	☐ Sampler		
(H) Final Hydrostatic 2495	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 5	☐ Extra Packer	☒ Extra Copies 1 extra	
Initial Shut-In 60	☐ Extra Recorder	Sub Total	
Final Flow 90	☐ Day Standby	Total	
Final Shut-In 120	☐ Accessibility	MP/DST Disc't	
	Sub Total		

Approved By [signature] Our Representative [signature]