

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

11/29/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5003
Name: McCoy Petroleum Corporation
Address 1: 8080 E. Central Ave
Address 2: Suite #300
City: Wichita State: KS Zip: 67206 + 2366
Contact Person: Scott Hampel
Phone: 316-636-2737

API No. 15-051-26020-0000
Spot Description: 70'S & 110'W of
NE NW NW Sec 8 Twp 12 S. R. 19 East West
400 Feet from North / South Line of Section
880 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Robert Hendrix
Purchaser: Oil: MVPurchasing

County: Ellis
Lease Name: MASSIER "A" Well #: #1-8
Field Name: Wildcat

Designate Type of Completion:
 New Well Re-Entry: Workover
 Oil WSW SWID SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl. etc.):

Producing Formation: Arbuckle, LKC
Elevation: Ground: 2205' Kelly Bushing: 2216'
Total Depth: 3807' Plug Back Total Depth: 3807'
Amount of Surface Pipe Set and Cemented at: 224' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1485 Feet
If Alternate II completion, cement circulated from: 1485'
feet depth to: surface w/ 200 sx cmt.

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 #: _____

8/6/2010 8/15/2010 9/29/2010
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 33,000 ppm. Fluid Volume: 1,000 bbls
Dewatering method used: Evaporation and Haul Fluids
Location of fluid disposal if hauled offsite:
Operator Name: Gene Karlin Company
Lease Name: NUSS #1-5 License #: 3444
Quarter NE/4 Sec. 5 Twp 13 S. R. 17 East West
County: Ellis Permit #: D-25588

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.

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.

Signature: Scott Hampel
Title: Vice President - Production Date: 11/29/2010

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 11/29/10 - 11/29/12
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NS Date: 12-7-10

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DEC 03 2010
KCC WICHITA

Operator Name: McCoy Petroleum Corporation Lease Name: MASSIER "A" Well #: #1-8
 Sec. 8 Twp 12 S. R. 19 East West County: Ellis

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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached Sheet	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E. Logs Run:	LOG TECH: Dual Induction, Dual Compensated Porosity, Microlog, Computer Processed Interpretation, Geological Report.		

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 Caing 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"	28#	224'	Common	150	2% Gel, 3% CC
Production	7 7/8"	4 1/2"	10.5#	3807'	ASC	125	10% Salt, 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1485'	Q-MDC lightweight	200	1/4#/sc flocele.

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	3794-3804' (Arbuckle)	AC: 500 gals, 15% Fe-Ne, 3% Miscible solvents, REAC: 750 gals, 20% Fe-Ne, 3% Miscible solvents, 500 gals overflush	3804'
4	3569-3573' (LKC E-F)	AC: 250 gals, 15% MCA	3573'
4	3548-3551' (LKC C-D)	Communicated with LKC E-F	3573'

TUBING RECORD:	Size: 2 3/8"	Set At: 3780'	Packer At: None	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed, SWD or ENHR. 9/29/2010	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbbls 33	Gas Mcf 0	Water Bbbls 29	Gas-Oil Ratio	Gravity 28.8
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify)	PRODUCTION INTERVAL: 3548-3573' (LKC) 3794-3804' (Arbuckle)
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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ACO-1 Supplemental Information

McCoy Petroleum Corporation
Massier 'A' #1-8
70'S & 110'W of NE NW NW Section 8-12S-19W
400' FNL & 880' FWL
Ellis County, Kansas
API# 15-051-26020

KCC
NOV 29 2010
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08-06-10 MIRT. Spud well at 9:15 PM. Drilled 12 1/4" hole to 227'. Deviation 0° @ 227' Ran 5 joints of used 8 5/8" 28# casing. Tally = 211'. Welded straps on bottom 3 joints and welded collars on 2 joints. Set at 224' KB. Allied cemented with 150 sacks of Common with 2% gel and 3% CC. Plug down @ 4:30 AM on 8/7/10. Cement did circulate. WOC.

DST #1, 3477-3560' (LKC 'A-D')

Open: 30", SI: 60", Open: 60", SI: 90"

1st Open: Blow off bottom of bucket in 4.5". No Blow-back.

2nd Open: Blow off bottom of bucket in 7". No Blow-back.

Recovered: 90' Oil and Gas Cut Mud (10% G, 10% O, 80% M)

120' Gas and water cut Oily Mud (10% G, 15% W, 25% O, 50% M)

180' Gas Cut Watery Muddy Oil (10% G, 30% W, 30% M, 30% O)

240' Mud Cut Gassy Oily Water (15% M, 20% G, 25% O, 40% W)

300' Mud Cut Gassy Oily Water (10% M, 25% G, 25% O, 40% W)

930' Total Fluid

IFP: 113-275# FFP: 306-474#

SIP: 969-889#

DST #2, 3564-3582' (LKC 'E-F')

Open: 30", SI: 60", Open: 60", SI: 90"

1st Open: Weak blow built to 1/2" in 6". No Blow-back.

2nd Open: Weak low built to 1/2" in 22". No Blow-back.

Recovered: 62' Oil Cut Watery Mud (20% Oil, 30% Water, 50% Mud)

62' Oil Cut Mud (40% Oil, 60% Mud)

2' Oil (100% Oil)

126' Total Fluid

IFP: 18-41# FFP: 48-77#

SIP: 679-669#

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DST #3, 3607-3665' (LKC 'H-I') Slid tool 4' to bottom.

Open: 30", SI: 60", Open: 60", SI: 90"

1st Open: Weak blow, built to 1/4", died back to weak surface blow. No Blow-back.

2nd Open: No Blow

Recovered: 8' Mud

IFP: 72-51 # FFP: 74-58#

SIP: 311-100#

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McCoy Petroleum Corporation
Massier 'A' #1-8
70'S & 110'W of NE NW NW Section 8-12S-19W
400' FNL & 880' FWL
Ellis County, Kansas
API# 15-051-26020

DST #4, 3778-3802' (Arbuckle)
Open: 30", SI: 60", Open: 60", SI: 60"
1st Open: No blow. No Blow-back.
2nd Open: No Blow. No Blow-back.
Recovered: 30' Oil Cut Mud (10% oil, 90% mud)
30' Gassy Free Oil (20% gas, 75% oil, 5% mud)
60' Total Fluid
IFP: 60-50# FFP: 74-58#
SIP: 970-904#

DST #5, 3781-3807' (Arbuckle)
Open: 30", SI: 60", Open: 90", SI: 90"
1st Open: Weak blow, built to 2". No Blow-back.
2nd Open: No blow until weak surface blow at 45". No Blow
Recovered: 25' Free Oil (95% oil, 5% mud)
90' Very Slightly Oil Cut Mud (95% mud, 5% oil)
115' Total Fluid
IFP: 64-57 # FFP: 85-87#
SIP: 1000-952#

08-15-10 RTD 3807'. LTD 3808'. Ran DST #5 from 3781-3807' (Arbuckle 0-13'). Log-Tech logged well with Dual Induction, Neutron-Density and a Microlog. Conditioned hole and LDDP. Ran 90 jts. of 4 1/2" production casing. Tally = 3815'. Set casing at 3807' LTD. Shoe joint = 42'. PBTD at 3765'. Port collar at 1488'. Centralizers on joints 1, 3, 5, 7 and 9. Set basket below and centralizers above and below the port collar. RU Allied. Pumped 500 gals of mud flush. Allied cemented with 125 sx of ASC cement with 10% salt and 2% gel. Good circulation. Lift pressure = 500#. Landed plug with 1500#. Plug down at 10:00 PM. Plugged rathole with 30 sx and mousehole with 20 sx. Reported to Bruce Rodie at the KCC. Job supervised by Calvin Mikkelson. Released rig at 11:00 P.M. 8/15/10. **WOCT.**

09-01-10 Found port collar at 1485'. RU Quality Cementing. Tested casing to 1000#, held. Opened port collar and broke circulation. Cemented with 200 sx of Q-MDC, lightweight cement with 1/4#/sx flocele. Cement did circulate. Closed port collar and tested to 1000#, held. Circulate casing clean.

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NOV 29 2010
CONFIDENTIAL

McCoy Petroleum Corporation

Massier 'A' #1-8

70'S & 110'W of NE NW NW Section 8-12S-19W

400' FNL & 880' FWL

Ellis County, Kansas

API# 15-051-26020

SAMPLE TOPS

Drlrs Anh.	1556 (+ 660)
Drlrs B/Anh	1607 (+ 609)
Topeka	3231 (-1015)
Heebner	3454 (-1238)
Toronto	3473 (-1257)
Lansing	3494 (-1278)
Stark	3691 (-1475)
BKC	3734 (-1518)
Arbuckle	3794 (-1578)
RTD	3807 (-1591)

ELECTRIC LOG TOPS

Anh.	1557 (+ 659)
B/Anh	1606 (+ 608)
Topeka	3228 (-1012)
Heebner	3454 (-1238)
Toronto	3474 (-1258)
Lansing	3495 (-1279)
Stark	3682 (-1466)
BKC	3724 (-1508)
Arbuckle	3792 (-1576)
LTD	3808 (-1592)

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KCC WICHITA

ALLIED CEMENTING CO., LLC. 041856

Federal Tax I.D.# 20-5975804

LEMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>8-15-10</u>	SEC. <u>8</u>	TWP. <u>12</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30pm</u>	JOB FINISH <u>10:00pm</u>
MASSIER "A" LEASE		WELL # <u>1-8</u>		LOCATION <u>Yocemento + I-70 7 1/2 North</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>2 West 1/2 South East into.</u>			

CONTRACTOR Starling Drilling Rig #2
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3808'
 CASING SIZE 4 1/2 10.5# DEPTH 3811.63'
 TUBING SIZE _____ DEPTH _____
~~PC. Jt #55 #90784~~ DEPTH 3769.93'
~~PC. Jt #55 #90784~~ DEPTH 1485'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 41.70'
 CEMENT LEFT IN CSG. 41.70'
 PERFS. _____
 DISPLACEMENT 59.94'
 EQUIPMENT _____

PUMP TRUCK # 398 CEMENTER John Roberts
 HELPER Glenn
 BULK TRUCK # 416 DRIVER Daniel TWS Johnny
 DRIVER _____

OWNER _____
 CEMENT AMOUNT ORDERED 125 ASC 10% salt 2% Gel
50 gal 4% Gel
500 gal WFR-2

COMMON	<u>30</u>	@	<u>13.50</u>	<u>405.00</u>
POZMIX	<u>20</u>	@	<u>7.55</u>	<u>151.00</u>
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE		@		
ASC	<u>125</u>	@	<u>16.70</u>	<u>2087.50</u>
WFR2	<u>500 69'</u>	@	<u>1.10</u>	<u>550.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>88</u>	@	<u>2.20</u>	<u>198.00</u>
MILEAGE	<u>97 mi.</u>			<u>176.00</u>
TOTAL				<u>3648.50</u>

REMARKS:

Ran 92 jts 4 1/2 10.5# casing 3811.63' Latch down baffles @ 3769.93' Port collar @ 1521' Est. Circulation and circulate on bottom Plug Rathole w/ 30sk cement and menshole w/ 20sk cement Pump 500 gal WFR-2 and mix 125sk cement down casing and displace plug w/ 59.9 Bbl H2O. Land Plug @ 1500 psi. Float Did Hold!
 Thank You!

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1959.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>20</u>	@ <u>7.00</u> <u>140.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>2097.00</u>

CHARGE TO: McCoy Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

4 1/2 PLUG & FLOAT EQUIPMENT

AFU Float Shoe	@	<u>206.00</u>
Latch Down Plug	@	<u>144.00</u>
Port Collar	@	<u>1673.00</u>
Cement Basket	@	<u>147.00</u>
5-Centralizers	@	<u>32</u> <u>700.00</u>
TOTAL		<u>2330.00</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cement 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.

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

PRINTED NAME Calvin Mikkelsen
 SIGNATURE Calvin Mikkelsen

QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67665

No. 4070

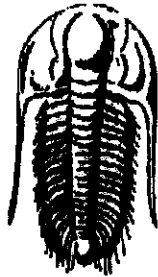
Date	9.1.10	Sec.		Twp.		Range		County	ELLIS	State	KS	On Location		Finish	10:30a.m.
Lease	MASSICK		Well No.	A-18		Location									
										Yocemento rd to Buckeye rd 20 1/4 N onto					
Contractor								Owner							
Leiker Well								To Quality Oilwell Cementing, Inc.							
Type Job								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Port collar															
Hole Size				7 7/8				T.D.							
Csg.				4 1/2				Depth				KCC			
Tbg. Size				2 3/8				Depth				NOV 29 2010			
Tool								Depth							
								CONFIDENTIAL							
Cement Left in Csg.								Shoe Joint							
Meas Line								Displace							
								The above was done to satisfaction and supervision of owner agent or contractor.							
								Cement Amount Ordered							
								300 QMDC 1/4" F10							

EQUIPMENT						
Pumptrk	3	No.	Cementor	3 1/2	Common	200
			Helper			
Bulktrk		No.	Driver	Paul	Poz. Mix	
			Driver			
Bulktrk	12	No.	Driver	Rocky	Gel.	
			Driver			

JOB SERVICES & REMARKS	
Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt sand 2
Centralizers	Flowseal 75 #
Baskets	Koi-Seal
D/V or Port Collar	Mud CLR 48
Plus set @ 3100 Spot sand @ 2152	CFL-117 or CD110 CAF 38
Test Plug to 1500. Dpm tool west.	Sand
Circulation thru 2005K Cement	Handling
Circulated close tool pressure	Mileage
to 1500PS. Run 3 joints & wash	
clean. Run to plug & wash sand	
off.	

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

KCC for Stand		RECEIVED	
WARRS		DEC 03 2010	
Pumptrk Charge port Collar		KCC WICHITA	
Mileage 13		Tax	
		Discount	
Signature <i>David Allen</i>		Total Charge	



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E. Central #300
Wichita, Ks 67201

ATTN: Robert Hendrix

8-12S-19W Ellis, KS

Massier A #1-8

Start Date: 2010.08.11 @ 09:20:21

End Date: 2010.08.11 @ 19:36:21

Job Ticket #: 39542 DST #: 1

**KCC
NOV 29 2010
CONFIDENTIAL**

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

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DEC 03 2010
KCC WICHITA**

McCoy Petroleum

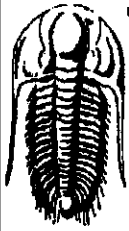
Massier A #1-8

8-12S-19W Ellis, KS

DST # 1

Lansing A-D

2010.08.11



**TRIBOLITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39542

DST#: 1

ATTN: Robert Hendrix

Test Start: 2010.08.11 @ 09:20:21

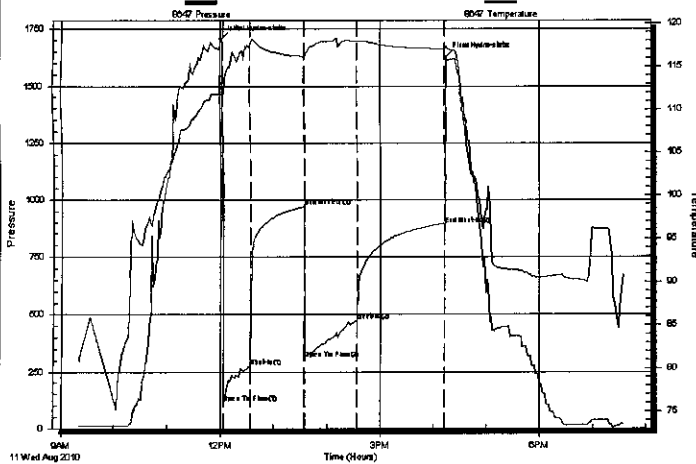
GENERAL INFORMATION:

Formation: **Lansing A-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:03:21
 Time Test Ended: 19:36:21
 Interval: **3477.00 ft (KB) To 3560.00 ft (KB) (TVD)**
 Total Depth: 3560.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Dusin Rash
 Unit No: 41
 Reference Elevations: 2216.00 ft (KB)
 2205.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8647 Inside
 Press@RunDepth: 474.15 psig @ 3479.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.11 End Date: 2010.08.11 Last Calib.: 2010.08.11
 Start Time: 09:20:26 End Time: 19:36:21 Time On Btm: 2010.08.11 @ 12:00:51
 Time Off Btm: 2010.08.11 @ 16:13:51

TEST COMMENT: IF-Strong building blow . BOB in 4.5 minutes.
 IS-No Return.
 FF-Strong building blow . BOB in 7 minutes.
 FS-No Return.

Pressure vs. Time



PRESSURE SUMMARY

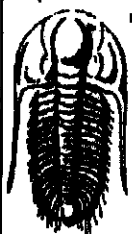
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.32	111.76	Initial Hydro-static
3	113.46	111.36	Open To Flow (1)
33	274.81	117.41	Shut-In(1)
94	969.44	116.09	End Shut-In(1)
95	305.79	116.03	Open To Flow (2)
154	474.15	117.87	Shut-In(2)
252	889.04	116.98	End Shut-In(2)
253	1628.37	117.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GMCOW 40%W 25%O 25%G 10%M	1.94
240.00	GOCMW 40%W 25%O 20%G 15%M	3.37
180.00	GHOCMW 30%M 30%W 30%O 10%G	2.52
120.00	GOCVM 50%M 25%O 15%W 10%G	1.68
90.00	GOCM 80%M 10%O 10%G	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39542

DST#: 1

ATTN: Robert Hendrix

Test Start: 2010.08.11 @ 09:20:21

Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.80 inches	Volume: 45.25 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 4000.00 lb
			<u>Total Volume: 46.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3477.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

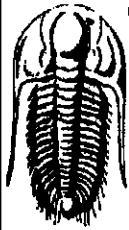
Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			3460.00	
Hydraulic tool	5.00			3465.00	
Safety Joint	2.00			3467.00	
Packer	5.00			3472.00	22.00 Bottom Of Top Packer
Packer	5.00			3477.00	
Stubb	1.00			3478.00	
Change Over Sub	1.00			3479.00	
Recorder	0.00	8647	Inside	3479.00	
Recorder	0.00	8371	Outside	3479.00	
Blank Spacing	64.00			3543.00	
Change Over Sub	1.00			3544.00	
Perforations	13.00			3557.00	
Bullnose	3.00			3560.00	83.00 Bottom Packers & Anchor

Total Tool Length: 105.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39542

DST#: 1

ATTN: Robert Hendrix

Test Start: 2010.08.11 @ 09:20:21

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:	11000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.76 in ³	Gas Cushion Type:		
Resistivity: 0.44 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	GMCOV 40%W 25%O 25%G 10%M	1.940
240.00	GOCMV 40%W 25%O 20%G 15%M	3.367
180.00	GHOCMV 30%M 30%W 30%O 10%G	2.525
120.00	GOCVM 50%M 25%O 15%W 10%G	1.683
90.00	GOCM 80%M 10%O 10%G	1.262

Total Length: 930.00 ft Total Volume: 10.777 bbl

Num Fluid Samples: 0

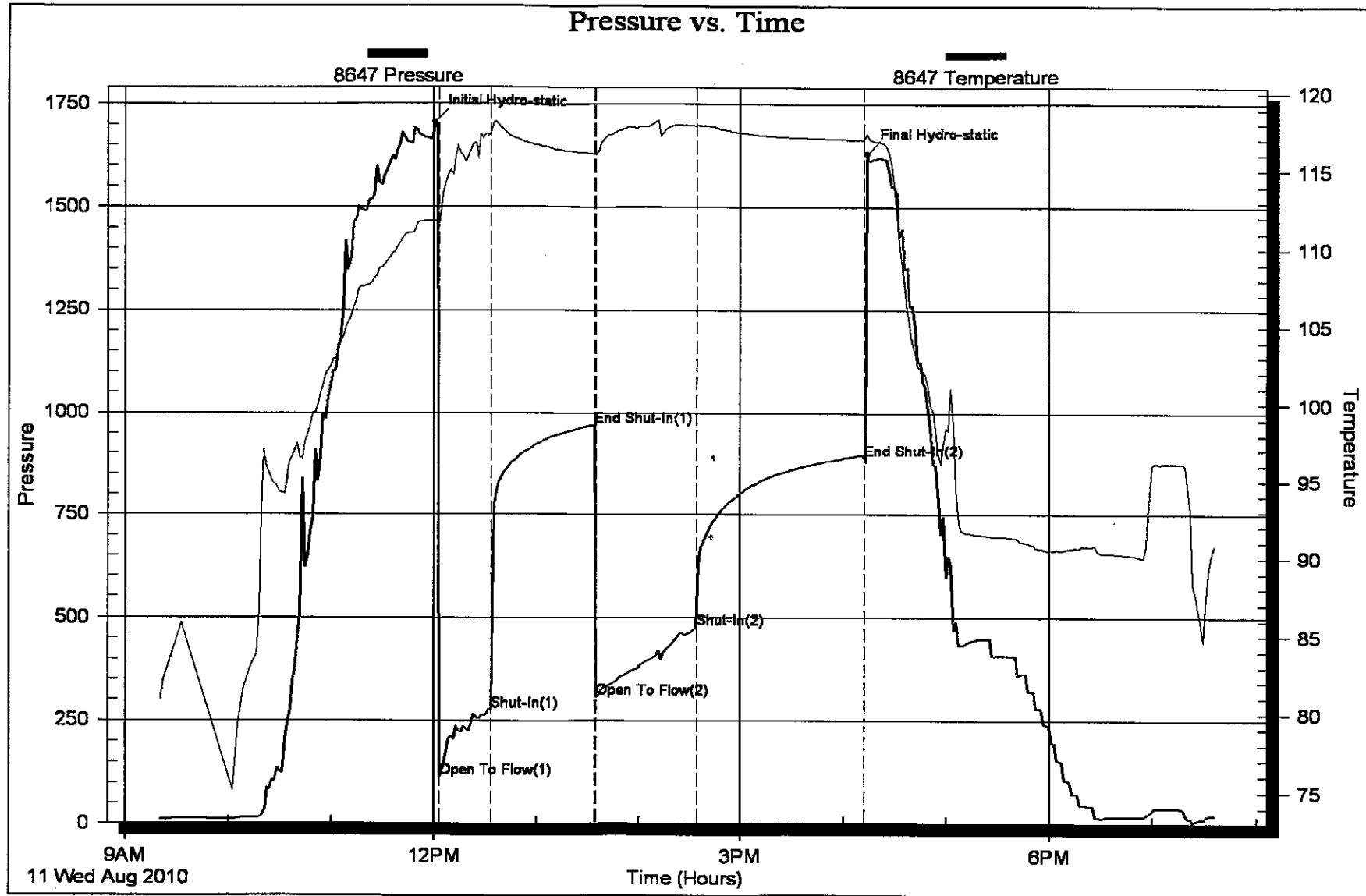
Num Gas Bombs: 0

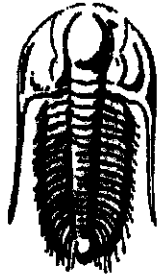
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E. Central #300
Wichita, Ks 67201

ATTN: Robert Hendrix

8-12S-19W Ellis, KS

Massier A #1-8

Start Date: 2010.08.12 @ 04:25:05

End Date: 2010.08.12 @ 12:38:59

Job Ticket #: 039543 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

McCoy Petroleum

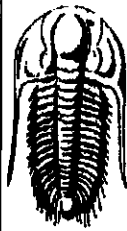
Massier A #1-8

8-12S-19W Ellis, KS

DST # 2

LKC "E-F"

2010.08.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 039543

DST#: 2

ATTN: Robert Hendrix

Test Start: 2010.08.12 @ 04:25:05

GENERAL INFORMATION:

Formation: **LKC "E-F"**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **06:30:00**
 Tester: **Andy Carreira**
 Time Test Ended: **12:38:59**
 Unit No: **41**
 Interval: **3564.00 ft (KB) To 3582.00 ft (KB) (TVD)**
 Reference Elevations: **2216.00 ft (KB)**
 Total Depth: **3560.00 ft (KB) (TVD)**
2205.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 KB to GR/CF: **11.00 ft**

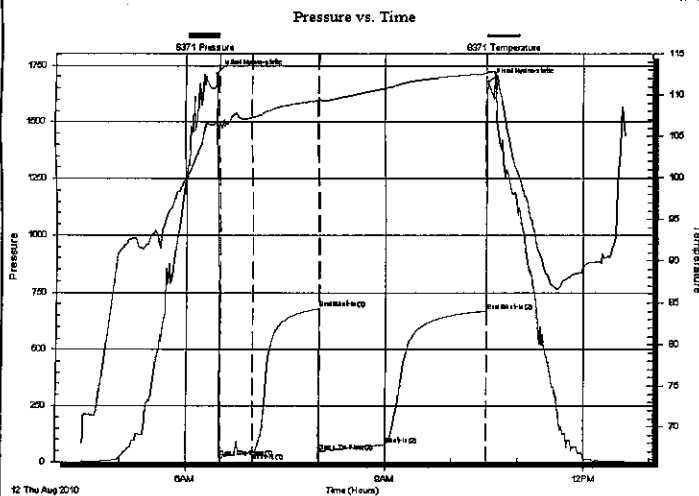
Serial #: 8371

Outside

Press@RunDepth: **76.80 psig @ 3565.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.08.12** End Date: **2010.08.12** Last Calib.: **2010.08.12**
 Start Time: **04:25:05** End Time: **12:38:59** Time On Btm: **2010.08.12 @ 06:28:00**
 Time Off Btm: **2010.08.12 @ 10:33:59**

TEST COMMENT: IF: Weak, one half inch
 IS: No return
 FF: One inch blow
 FS: No return

PRESSURE SUMMARY



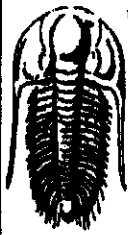
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1712.75	106.70	Initial Hydro-static
2	18.26	105.81	Open To Flow (1)
32	41.48	107.24	Shut-In(1)
92	678.69	109.29	End Shut-In(1)
93	48.16	109.62	Open To Flow (2)
153	76.80	110.79	Shut-In(2)
244	669.38	112.55	End Shut-In(2)
246	1676.79	112.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCWM 20%O 30%W 50%M	0.30
62.00	OCM 40%O 60%M	0.30
2.00	O 100%O	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 039543

DST#: 2

ATTN: Robert Hendrix

Test Start: 2010.08.12 @ 04:25:05

Tool Information

Drill Pipe:	Length: 3323.00 ft	Diameter: 3.80 inches	Volume: 46.61 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 47.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	3564.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	41.00 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			3542.00	
Shut In Tool	5.00			3547.00	
Hydraulic tool	5.00			3552.00	
Safety Joint	2.00			3554.00	
Packer	5.00			3559.00	23.00 Bottom Of Top Packer
Packer	5.00			3564.00	
Stubb	1.00			3565.00	
Recorder	0.00	8647	Inside	3565.00	
Recorder	0.00	8371	Outside	3565.00	
Perforations	14.00			3579.00	
Bullnose	3.00			3582.00	18.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 039543

DST#: 2

ATTN: Robert Hendrix

Test Start: 2010.08.12 @ 04:25:05

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:

bbf

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: 0.44 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	OCWM 20%O 30%W 50%M	0.305
62.00	OCM 40%O 60%M	0.305
2.00	O 100%O	0.010

Total Length: 126.00 ft Total Volume: 0.620 bbf

Num Fluid Samples: 0

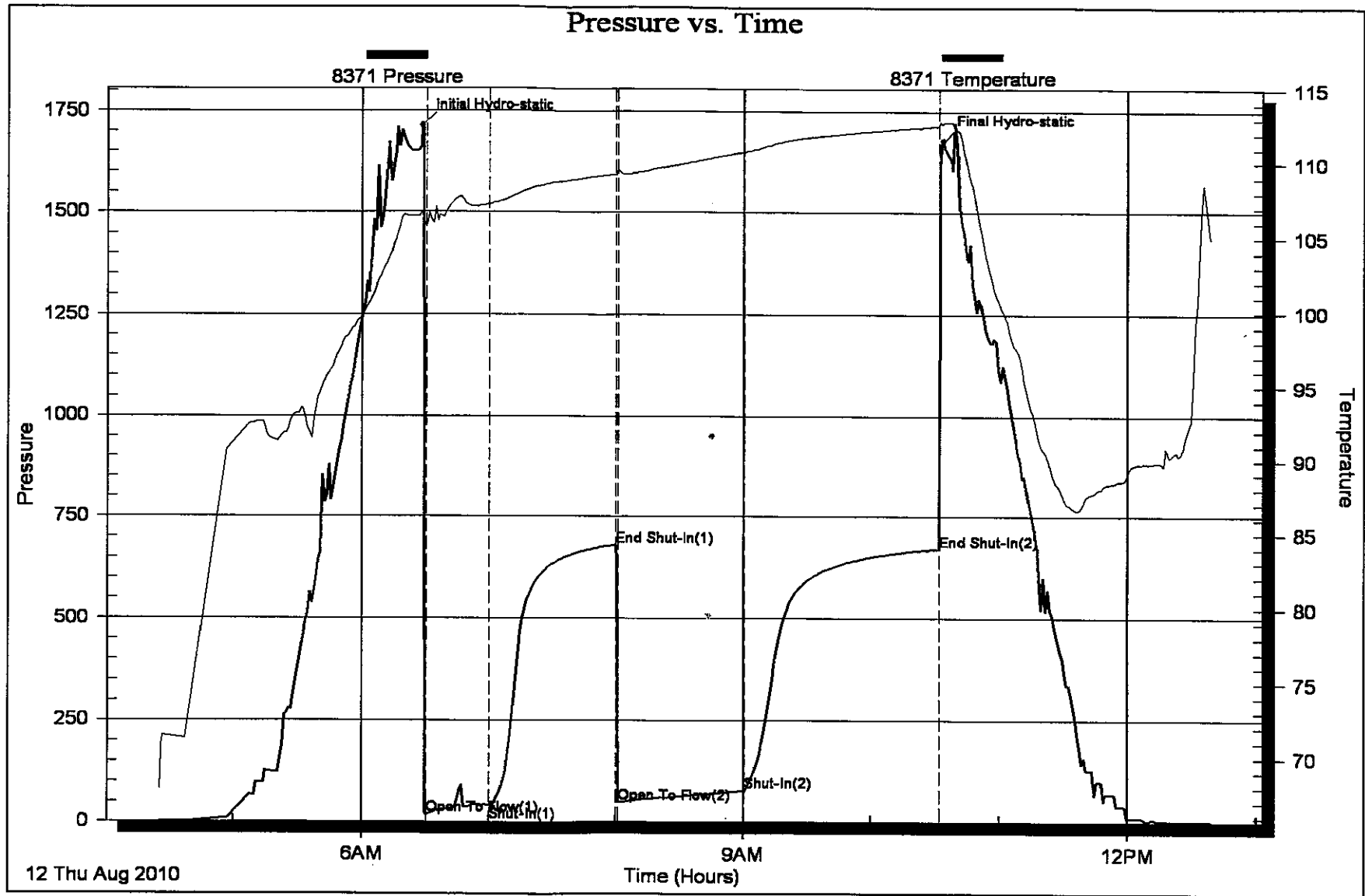
Num Gas Bombs: 0

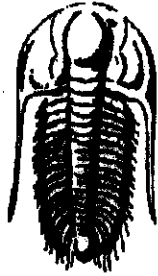
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E. Central #300
Wichita, Ks 67201

ATTN: Robert Hendrix

8-12S-19W Ellis, KS

Massier A #1-8

Start Date: 2010.08.13 @ 03:19:42

End Date: 2010.08.13 @ 12:13:12

Job Ticket #: 39544 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

McCoy Petroleum

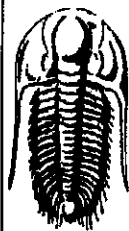
Massier A #1-8

8-12S-19W Ellis, KS

DST # 3

>ansing H-1

2010.08.13



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39544

DST#: 3

ATTN: Robert Hendrix

Test Start: 2010.08.13 @ 03:19:42

GENERAL INFORMATION:

Formation: **ansing H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:19:12

Time Test Ended: 12:13:12

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 41

Interval: **3607.00 ft (KB) To 3665.00 ft (KB) (TVD)**

Reference Elevations: 2216.00 ft (KB)

Total Depth: 3665.00 ft (KB) (TVD)

2205.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8647

Inside

Press@RunDepth: 57.57 psig @ 3609.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.13

End Date: 2010.08.13

Last Calib.: 2010.08.13

Start Time: 03:19:47

End Time: 12:13:12

Time On Btm: 2010.08.13 @ 06:15:12

Time Off Btm: 2010.08.13 @ 10:26:12

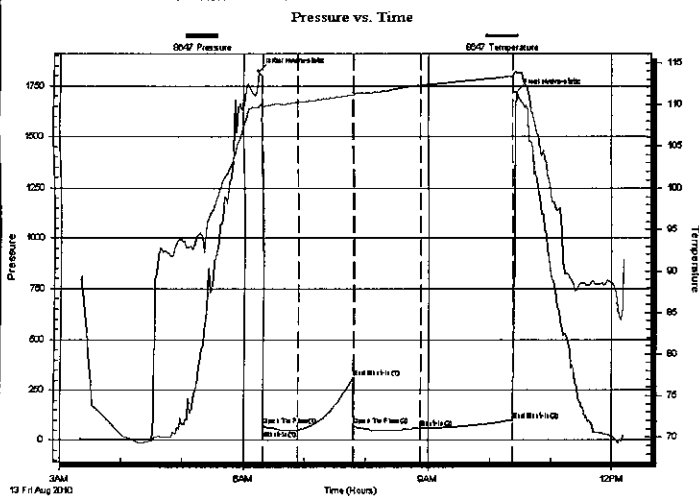
TEST COMMENT: IF-Surface blow . Built to 1/4 inch. Died off to surface.

ISI-No Return.

FF-No Blow .

FSI-No Return

PRESSURE SUMMARY



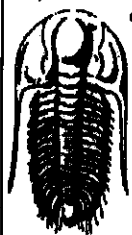
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1821.91	109.65	Initial Hydro-static
4	72.35	109.65	Open To Flow (1)
38	50.70	110.24	Shut-In (1)
93	311.23	111.19	End Shut-In (1)
94	73.63	111.17	Open To Flow (2)
158	57.57	112.29	Shut-In (2)
248	100.20	113.37	End Shut-In (2)
251	1718.70	113.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	100%Mud	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Massler A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39544

DST#: 3

ATTN: Robert Hendrix

Test Start: 2010.08.13 @ 03:19:42

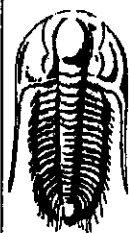
Tool Information

Drill Pipe:	Length: 3355.00 ft	Diameter: 3.80 inches	Volume: 47.06 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 21000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 8000.00 lb
			<u>Total Volume: 48.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	3607.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	81.00 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			3589.00	
Hydraulic tool	5.00			3594.00	
Safety Joint	3.00			3597.00	
Packer	5.00			3602.00	23.00 Bottom Of Top Packer
Packer	5.00			3607.00	
Stubb	1.00			3608.00	
Change Over Sub	1.00			3609.00	
Recorder	0.00	8647	Inside	3609.00	
Recorder	0.00	8371	Outside	3609.00	
Blank Spacing	32.00			3641.00	
Change Over Sub	1.00			3642.00	
Perforations	20.00			3662.00	
Bullnose	3.00			3665.00	58.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39544

DST#: 3

ATTN: Robert Hendrix

Test Start: 2010.08.13 @ 03:19:42

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	100%Mud	0.039

Total Length: 8.00 ft

Total Volume: 0.039 bbl

Num Fluid Samples: 0

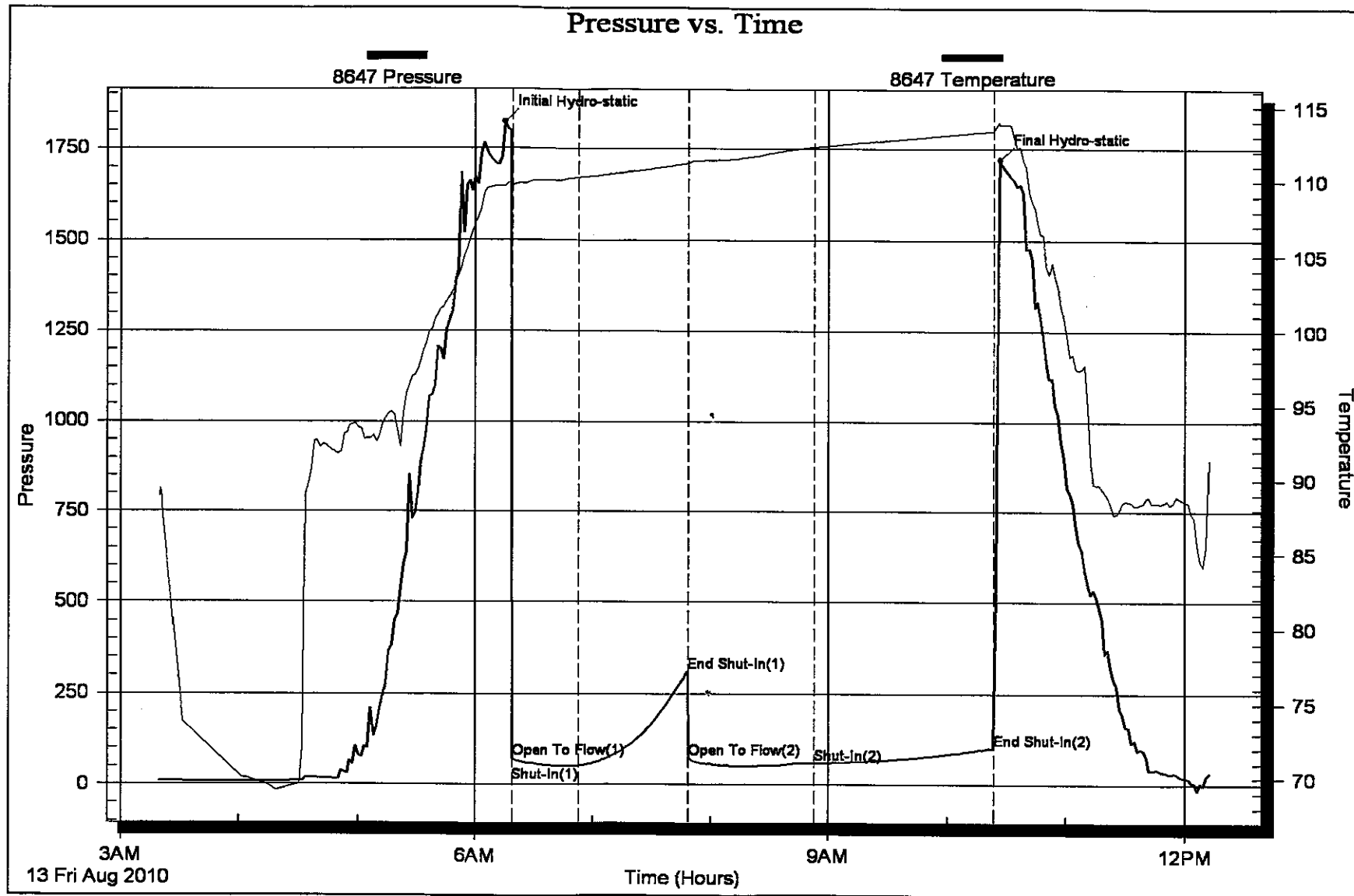
Num Gas Bombs: 0

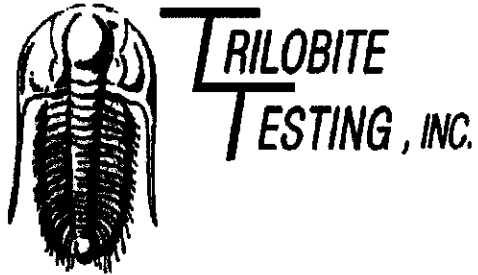
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E. Central #300
Wichita, Ks 67201

ATTN: Robert Hendrix

8-12S-19W Ellis, KS

Massier A #1-8

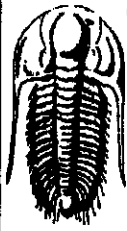
Start Date: 2010.08.14 @ 03:20:45

End Date: 2010.08.14 @ 11:20:39

Job Ticket #: 39545 DST #: 4

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39545

DST#: 4

ATTN: Robert Hendrix

Test Start: 2010.08.14 @ 03:20:45

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:24:10
 Time Test Ended: 11:20:39

Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41

Interval: **3780.00 ft (KB) To 3804.00 ft (KB) (TVD)**
 Total Depth: 3804.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2216.00 ft (KB)
 2205.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8647

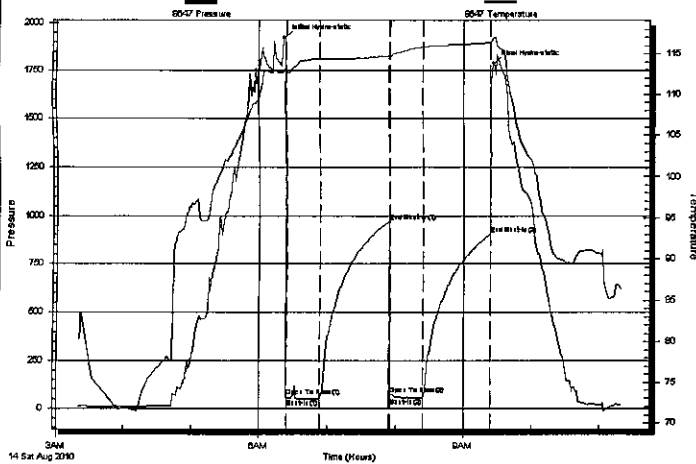
Inside

Press@RunDepth: 55.80 psig @ 3781.00 ft (KB)
 Start Date: 2010.08.14 End Date: 2010.08.14
 Start Time: 03:20:45 End Time: 11:20:39

Capacity: 8000.00 psig
 Last Calib.: 2010.08.14
 Time On Btm: 2010.08.14 @ 06:22:40
 Time Off Btm: 2010.08.14 @ 09:26:39

TEST COMMENT: IFP - no blow
 ISI - no blow back
 FFP - no blow
 FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.72	112.96	Initial Hydro-static
2	60.41	112.67	Open To Flow (1)
31	50.01	114.35	Shut-In(1)
92	969.76	114.74	End Shut-In(1)
93	70.66	114.59	Open To Flow (2)
122	55.80	115.87	Shut-In(2)
181	904.48	116.31	End Shut-In(2)
184	1787.79	116.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 10%O 90%M	0.15
30.00	GCO 20%G 70%O 5%M	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39545

DST#: 4

ATTN: Robert Hendrix

Test Start: 2010.08.14 @ 03:20:45

Tool Information

Drill Pipe:	Length: 3513.00 ft	Diameter: 3.80 inches	Volume: 49.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 50.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	3780.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	46.00 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			3763.00	
Hydraulic tool	5.00			3768.00	
Safety Joint	2.00			3770.00	
Packer	5.00			3775.00	22.00 Bottom Of Top Packer
Packer	5.00			3780.00	
Stubb	1.00			3781.00	
Recorder	0.00	8647	Inside	3781.00	
Recorder	0.00	8371	Outside	3781.00	
Perforations	20.00			3801.00	
Bullnose	3.00			3804.00	24.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39545

DST#: 4

ATTN: Robert Hendrix

Test Start: 2010.08.14 @ 03:20:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	OCM 10%O 90%M	0.148
30.00	GCO 20%G 70%O 5%M	0.148

Total Length: 60.00 ft Total Volume: 0.296 bbl

Num Fluid Samples: 0

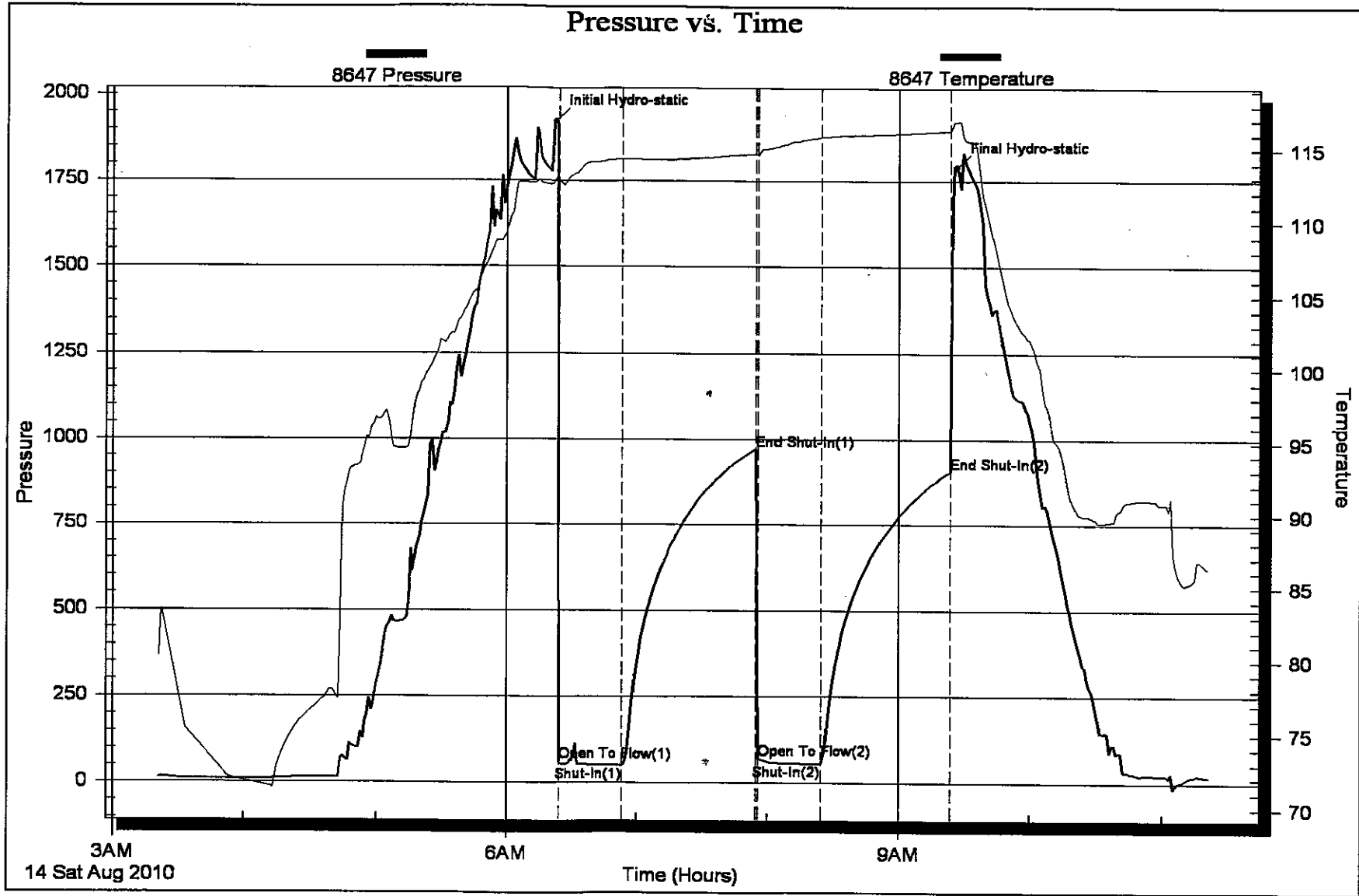
Num Gas Bombs: 0

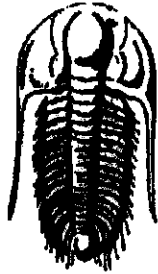
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E. Central #300
Wichita, Ks 67201

ATTN: Robert Hendrix

8-12S-19W Ellis, KS

Massier A #1-8

Start Date: 2010.08.14 @ 17:18:34

End Date: 2010.08.15 @ 02:19:29

Job Ticket #: 39546 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

McCoy Petroleum

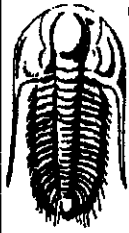
Massier A #1-8

8-12S-19W Ellis, KS

DST # 5

Arbuckle

2010.08.14



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39546

DST#: 5

ATTN: Robert Hendrix

Test Start: 2010.08.14 @ 17:18:34

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:46:59
 Time Test Ended: 02:19:29
 Interval: **3781.00 ft (KB) To 3807.00 ft (KB) (TVD)**
 Total Depth: **3807.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2216.00 ft (KB)
 2205.00 ft (CF)
 KB to GR/CF: 11.00 ft

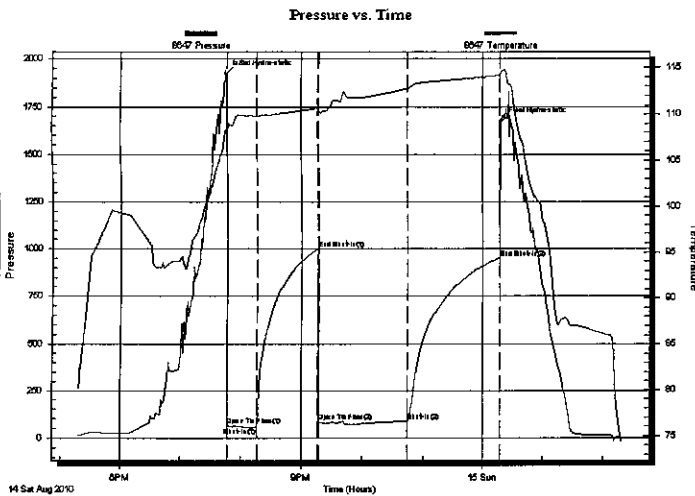
Serial #: 8647

Inside

Press@RunDepth: 87.41 psig @ 3784.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.14 End Date: 2010.08.15 Last Calib.: 2010.08.15
 Start Time: 17:18:34 End Time: 02:19:29 Time On Btm: 2010.08.14 @ 19:45:29
 Time Off Btm: 2010.08.15 @ 00:18:28

TEST COMMENT: IFP - weak blow throughout 1/2" - 2"
 ISI - no blow back
 FFP - no blow 45 min - sur blow
 FSI - no blow back

PRESSURE SUMMARY



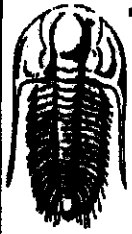
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.68	108.35	Initial Hydro-static
2	64.09	107.74	Open To Flow (1)
31	56.48	109.81	Shut-In(1)
91	1000.28	110.62	End Shut-In(1)
92	84.50	110.41	Open To Flow (2)
180	87.41	112.79	Shut-In(2)
272	951.87	114.18	End Shut-In(2)
273	1673.62	114.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	VSOCM 5%O, 95%M	0.49
25.00	FREE OIL 95%O, 5%M	0.12

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Massier A #1-8

8080 E. Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39546

DST#: 5

ATTN: Robert Hendrix

Test Start: 2010.08.14 @ 17:18:34

Tool Information

Drill Pipe:	Length: 3513.00 ft	Diameter: 3.80 inches	Volume: 49.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 50.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	3781.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 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			3764.00	
Hydraulic tool	5.00			3769.00	
Safety Joint	2.00			3771.00	
Packer	5.00			3776.00	22.00 Bottom Of Top Packer
Packer	5.00			3781.00	
Stubb	1.00			3782.00	
Perforations	2.00			3784.00	
Recorder	0.00	8647	inside	3784.00	
Recorder	0.00	8371	Outside	3784.00	
Perforations	20.00			3804.00	
Bullnose	3.00			3807.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Massier A #1-8

8080 E Central #300
Wichita, Ks 67201

8-12S-19W Ellis, KS

Job Ticket: 39546

DST#: 5

ATTN: Robert Hendrix

Test Start: 2010.08.14 @ 17:18:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	VSOCM 5%O, 95%M	0.492
25.00	FREE OIL 95%O, 5%M	0.123

Total Length: 125.00 ft

Total Volume: 0.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

