

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5003
Name: McCoy Petroleum Corporation
Address: 453 S. Webb Rd. Ste. #310, P.O. Box 780208
City/State/Zip: Wichita, KS 67278-0208
Purchaser: _____ Oil: Seminole
Operator Contact Person: _____ Scott Hampel
Phone: (316) 636-2737
Contractor: Name: _____ Pickrell Drilling, Inc.
License: _____ 5123
Wellsite Geologist: _____ Corey Baker

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. _____
4/25/01 5/4/01 5/23/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 077-21399-00-00
County: _____ Harper
SE NW Sec. 15 Twp. 34 S. R. 8 East West
_____ 3300 feet from (S) N (circle one) Line of Section
_____ 3300 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW Sw
Lease Name: _____ WURM 'A' Well #: _____ 1-15
Field Name: _____ Wildcat
Producing Formation: _____ Mississippian
Elevation: Ground: _____ 1368' Kelly Bushing: _____ 1373'
Total Depth: _____ 4720' Plug Back Total Depth: _____ None
Amount of Surface Pipe Set and Cemented at _____ 267 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

ALL 1 EH 5.9.02

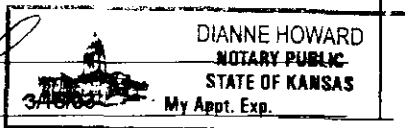
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____ Wildcat Oil & Gas
Lease Name: _____ Dickson SWD License No.: _____ 31337
Quarter _____ Sec. 8 Twp. 31 S. R. 8 East West
County: _____ Harper Docket No.: _____ 55216

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: Corey A. Baker
Title: _____ Petroleum Geologist Date: _____ 8/27/01
Subscribed and sworn to before me this 27th day of _____ August

20 01
Notary Public: Deanne Howard
Date Commission Expires: 3/15/03



KCC Office Use ONLY

- NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution

RECEIVED

KCC AUG 29 2001

KCC WICHITA

OF

Operator Name: McCoy Petroleum Corporation Lease Name: WURM 'A' Well #: 1-15
 Sec 15 Twp 34 S. R. 8 East West County: Harper

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 Yes No
 (Attach additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit - Copy)

List All E. Logs Run: ELI Wireline: Dual Induction, Density-Neutron

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached Log tops and DST information.

CASING RECORD New 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 casing	12 1/4"	8 5/8"	24#	267'	Acid Services	180	60/40 PozMix, 2%gel, 3% CC
Production casing (used)	7 7/8"	4 1/2"	10.5#	4706'	Allied	140	A-Con Blend, 2%gel, 1/2%FLA-322, 0.1% defoamer, 5# gilsonite/sk

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
Open Hole		Acidize w/ 1000 gals. 15% FE-NE acid	4706'-4720'
		RECEIVED	
		AUG 29 2001	
		KCC INDUSTRIES	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4660'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
7/31/01	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	10		35	

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit A CO- 18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: Open Hole 4706'-4720'

OR
L

Operator Name: McCoy Petroleum Corporation Lease Name: WURM 'A' Well #: 1-15
 Sec. 15 Twp. 34 S. R. 8 East West County: Harper

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 Yes No
 (Attach additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

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 (Submit Copy)

List All E. Logs Run: ELI Wireline: Dual Induction, Density-Neutron

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached Log tops and DST information.

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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 casing	12 1/4"	8 5/8"	24#	267'	Acid Services	180	60/40 PozMix, 2%gel, 3% CC
Production casing (used)	7 7/8"	4 1/2"	10.5#	4706'	Allied	140	A-Con Blend, 2%gel, 1/2%FLA-322, 0.1% defoamer, 5# gilsonite/sk

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
Open Hole		Acidize w/ 1000 gals. 15% FE-NE acid	4706'-4720'
		RECEIVED	
		AUG 29 2001	
		KCC WICHITA	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>4660'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>7/31/01</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>10</u>	Gas Mcf	Water Bbls. <u>35</u>	Gas-Oil Ratio Gravity

Disposition of Gas

Vented Sold Used on Lease
 (If vented, Submit A CO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval

Open Hole 4706'-4720'

DST #1 4696-4720' (Mississippian)
Open 30", S.I. 60", Open 60", S.I. 180"
Strong blow, OBB/30 seconds on 1st open.
Strong blow, gas to the surface in 1" on 2nd open period.
Gauge 24,430 CFGPD in 10",
" 25,380 CFGPD in 20",
" 25,380 CFGPD in 30",
" 25,380 CFGPD in 40",
" 25,380 CFGPD in 50",
" 25,380 CFGPD in 55".
Recovered 15' of slightly gas cut mud.
FP 20-20# 21-24#
ISIP 1875# FSIP 1878#

ORIGINAL

ELECTRIC LOG TOPS

Structure compared to:

McCoy Petroleum
#1-15 Wurm "A"
SE NW
Section 15-34S-8W
Elev: 1373 KB

Mull Drilling
#1 Hughes
SE SE SE
Section 16-34S-8W
Elev: 1331 KB

Heebner	3472 (-2099)	-14
Stalnaker Sand	3840 (-2467)	-17
Kansas City	4092 (-2719)	+1
Stark Shale	4244 (-2871)	+2
Fort Scott	4513 (-3140)	+2
Cherokee	4521 (-3148)	- 1
Mississippian Spergen	4685 (-3312)	- 7
Mississippian Warsaw*	4708 (-3335)	+10
RTD*	4720 (-3347)	

RECEIVED

AUG 29 2001

KCC WICHITA

ACID SERVICES, LLC

105 S. Broadway
Suite #420
Wichita KS 67202
(316) 262-3689
(316) 262-5799 FAX

10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING • FRACTURING • CEMENTING

Invoice

ORIGINAL

Bill to:			5556600	Invoice	Invoice Date	Order	Order Date
MCCOY PETROLEUM P.O. Box 780208 Wichita, KS 67278-0208				104101	4/30/01	3654	4/26/01
Service Description							
Cement							
				Lease		Well	
				Wurm		A 1-15	
AFE	CustomerRep	Treater	Well Type		Purchase Order	Terms	
	M. Kerns	T. Seba	New Well			Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D202	60/40 POZ	SK	180	\$8.25	\$1,485.00
C310	CALCIUM CHLORIDE	LBS	465	\$0.75	\$348.75
C195	CELLFLAKE	LB	45	\$1.85	\$83.25
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E107	CEMENT SERVICE CHARGE	SK	180	\$1.50	\$270.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	75	\$3.00	\$225.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	581	\$1.25	\$726.25
R200	CASING CEMENT PUMPER, 0-300'	EA	1	\$630.00	\$630.00

Sub Total: \$4,103.25

Discount: \$1,230.76

Discount Sub Total: \$2,872.49

Tax Rate: 5.90%

Taxes: \$0.00

(1) Taxable Item

Total: \$2,872.49

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MAY 02

MCCOY PETROLEUM CORPORATION

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AUG 29 2001

KCC WICHITA

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



Wichita, KS 67208
 (316) 262-3889
 (316) 262-5799 FAX

Wichita, KS 67208
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

ORIGINAL

Bill to:			5556600	Invoice	Invoice Date	Order	Order Date
MCCOY PETROLEUM				105030	5/15/01	3468	5/5/01
P.O. Box 780208				Service Description			
Wichita, KS 67278-0208				Cement			
				Lease		Well	
				Wurm		1-15	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	Daryl Hanson	D. scott		New Well		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D200	'A-CON' BLEND	SK	140	\$13.50	\$1,890.00
D202	60/40 POZ	SK	25	\$8.25	\$206.25
C196	FLA-322	LB	66	\$7.25	\$478.50
C310	CALCIUM CHLORIDE	LBS	264	\$0.75	\$198.00
C322	GILSONITE	LB	660	\$0.55	\$363.00
C243	DEFOAMER	LB	14	\$3.00	\$42.00
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
C223	SALT (Fine)	LBS	400	\$0.35	\$140.00
F100	CENTRALIZER, 4 1/2"	EA	3	\$67.00	\$201.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00
F240	CEMENTING SHOE BASKET TYPE, 4 1/2"	EA	1	\$2,000.00	\$2,000.00
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	72	\$3.00	\$216.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	554	\$1.25	\$692.50
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1	\$1,740.00	\$1,740.00

Sub Total: \$9,052.25

Discount: \$2,484.31

Discount Sub Total: \$6,567.94

Tax Rate: 5.90% **Taxes:** \$0.00

(T) Taxable Item **Total:** \$6,567.94

RECEIVED

AUG 29 2001

KCC WICHITA

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



TREATMENT REPORT

03246

Customer ID		Date	
Customer <i>McLoy Pet</i>		<i>5-5-01</i>	
Lease <i>Wurm</i>		Lease No.	Well # <i>1-15</i>
Field Order # <i>03468</i>	Station <i>Pratt KS</i>	Casing <i>4 1/2</i>	Depth
Type Job <i>long string new well wildcat</i>		County <i>Harper</i>	State <i>KS</i>
Formation		Legal Description <i>13-345-8w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid <i>140 sk's A-Con</i>	RATE	PRESS <i>2000</i>	ISIP	
Depth <i>4668</i>	Depth <i>PBTD</i>	From	To	Pre Pad <i>1.92 @ 13.2ppg</i>	Max		5 Min.	
Volume <i>74.2</i>	Volume	From	To	Pad <i>255 sk's 60/40 poz</i>	Min		10 Min.	
Max Press <i>2000</i>	Max Press	From	To	Frq <i>47.8 Bbl's SL</i>	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		H-HP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush <i>80 Bbl's Salt 12 m.f.</i>	Gas Volume		Total Load	

Customer Representative <i>Daryl Hanson</i>	Station Manager <i>Dave Austry</i>	Treater <i>D. Scott</i>
---	------------------------------------	-------------------------

Service Units	<i>106</i>	<i>26</i>	<i>31</i>	<i>71</i>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0200</i>					<i>On hoc w/Trk's Safety mtg</i>
					<i>PKR shoe on Bottom 5 J.</i>
					<i>L.D. Plote Top 5 J</i>
					<i>Cent 1-3-5</i>
					<i>CS on Bottom Circ w/Rig</i>
					<i>Rig up Trk's</i>
<i>1000</i>					<i>Drop Ball</i>
<i>1019</i>	<i>100</i>		<i>2</i>	<i>1</i>	<i>St Salt Flush</i>
<i>1020</i>	<i>1000</i>		<i>20</i>	<i>1</i>	<i>Set PKR shoe & finish salt flush</i>
<i>1025</i>	<i>200</i>		<i>12</i>	<i>5</i>	<i>St mud flush</i>
<i>1028</i>	<i>300</i>		<i>5</i>	<i>5</i>	<i>H2O spacer</i>
<i>1034</i>	<i>310</i>		<i>47.8</i>	<i>4</i>	<i>mix & Pump mt @ 13.2ppg 140 sk's</i>
<i>1047</i>	<i>2</i>		<i>10</i>	<i>5</i>	<i>Chase In & wash pump & line</i>
<i>1051</i>	<i>100</i>			<i>7</i>	<i>Release Plug & St Disp w/H10</i>
<i>1100</i>	<i>300</i>		<i>61</i>	<i>6</i>	<i>lifting Cmt</i>
<i>1104</i>	<i>1000</i>		<i>74.2</i>	<i>5</i>	<i>Plug Down app. Test Psg</i>
<i>1105</i>	<i>2</i>				<i>Release Held</i>
					<i>Good Circ During Job</i>
			<i>5.5</i>		<i>Plug R.H. & M.H. w/255 sk's poz</i>
					<i>Job Complete</i>
					<i>Thank you Scotty</i>



INVOICE NO.
Date 5-5-01
Customer ID

Subject to Correction

FIELD ORDER

03466

Lease Wurm	Well # 1-15	Legal 73-345-8w
County Harper	State KS	Station Pratt KS
Depth	Formation 10.5ppf	Shoe Joint 72
Casing 4 1/2	Casing Depth 4708	TD 4720
Customer Representative Larry Hanson	Treater D. Scott	Job Type Wildcat Long Spring New well

CHARGE

McLoy Pet Corp

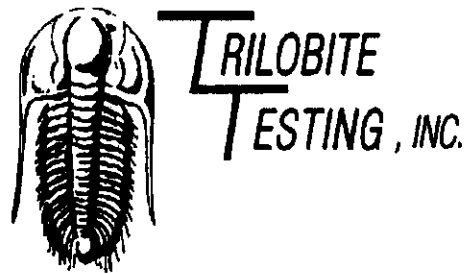
AFE Number	PO Number
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Materials Received by **X** _____

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	140 sks	A-Con Cat Blend 1				
D202	25 sks	60/40 po2 Cmt				
C198	66 lbs	FLA-322				
C310	264 lbs	Calcium Chloride				
C322	660 lbs	Gilsonite				
C243	14 lbs	Defoamer				
C302	500 gal	mud flush				
C223	400 lbs	Salt fine for flush				
F100	3 ea	Centralizers 2 1/2"				
F150	1 ea	h.D. Plug & Baffle "				
F240	1 ea	Cmt. Shoe Basket				
F800	1 ea	Threadlock				
RECEIVED						
MAY 08 2001						
KCC WICHITA						
R701	1 ea	Cmt Head Rental				
E100	1 ea	UNITS 1 way MILES 72				
F104	554 tm	TONS 1 way MILES 72				
R210	1 ea	EA. 4501-5000 PUMP CHARGE				
Discounted Price =				6567.94		
Plus Tax						

TOTAL

RECEIVED
MAY 08 2002
KCC WICHITA



DRILL STEM TEST REPORT

Prepared For: **McCoy Pet. Corp.**
Wichita Ks. 67202

ATTN: Corey Baker

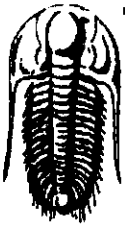
15-34S-8W Harper KS

Wurm "A" 1-15

Start Date: 2001.05.03 @ 19:40:00
End Date: 2001.05.04 @ 03:00:00
Job Ticket #: 14087 DST #: 1

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

McCoy Pet. Corp.
Wurm "A" 1-15
15-34S-8W Harper KS
DST # 1
Mississippi
2001.05.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Pet. Corp.

Wichita Ks. 67202

ATTN: Corey Baker

Wurm "A" 1-15

15-34S-8W Harper KS

Job Ticket: 14087

DST#: 1

Test Start: 2001.05.03 @ 19:40:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:29:51

Time Test Ended: 03:00:00

Test Type: Conventional Bottom Hole

Tester: Lanny Saloga

Unit No: 14

Interval: **4696.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1373.00 ft (KB)

1368.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3289

Inside

Press@RunDepth: 24.52 psig @ 4693.00 ft (KB)

Start Date: 2001.05.03

End Date:

2001.05.04

Capacity: 7000.00 psig

Last Calib.: 2001.01.07

Start Time: 19:40:11

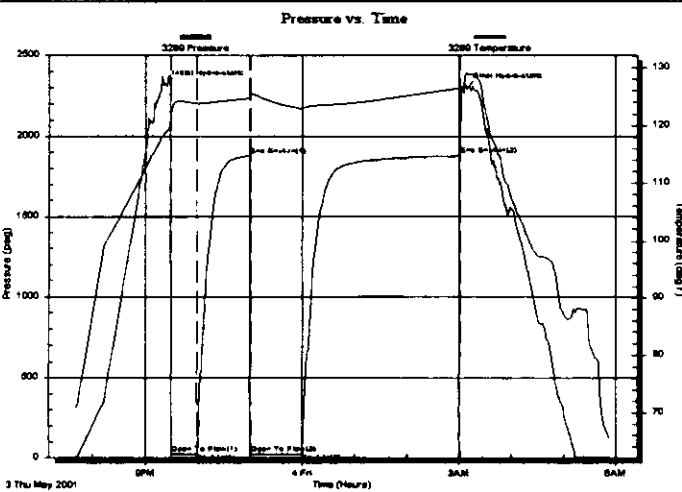
End Time:

05:54:36

Time On Btm: 2001.05.03 @ 21:22:36

Time Off Btm: 2001.05.04 @ 03:08:51

TEST COMMENT:



PRESSURE SUMMARY

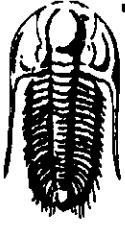
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2317.68	118.87	Initial Hydro-static
8	20.05	122.29	Open To Flow (1)
37	20.52	123.83	Shut-In(1)
97	1875.53	124.71	End Shut-In(1)
99	21.45	125.25	Open To Flow (2)
158	24.52	122.93	Shut-In(2)
339	1878.08	126.50	End Shut-In(2)
347	2296.89	128.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4671 Ft. GIP	0.00
15.00	Sli Gas cut Mud 3%G 97%M	0.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.43
Last Gas Rate	0.25	1.60	25.38
Max. Gas Rate	0.25	1.60	25.38



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Pet. Corp.

Wurm "A" 1-15

Wichita Ks. 67202

15-34S-8W Harper KS

Job Ticket: 14087

DST#: 1

ATTN: Corey Baker

Test Start: 2001.05.03 @ 19:40:00

Tool Information

Drill Pipe:	Length: 4686.00 ft	Diameter: 3.80 inches	Volume: 65.73 bbl	Tool Weight: 1800.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 12000.00 lb
			<u>Total Volume: 65.73 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4691.00 ft			Final 63000.00 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:

Strong OBB in 30 sec. Cracked 2" slightly. I.F.P.
No blow-back. I.S.I.P.

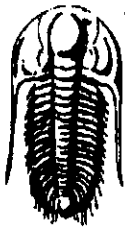
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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4670.00	
S.I. Tool	5.00			4675.00	
HMV	5.00			4680.00	
Safety Joint	2.00			4682.00	
Packer	4.00			4686.00	22.00 Bottom Of Top Packer
Packer	5.00			4691.00	
Stubb	1.00			4692.00	
Perforations	1.00			4693.00	
Recorder	0.00	3289	inside	4693.00	
Perforations	20.00			4713.00	
Recorder	0.00	10242	inside	4713.00	
Bullnose	2.00			4715.00	24.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Pet. Corp.

Wurm "A" 1-15

Wichita Ks. 67202

15-34S-8W Harper KS

Job Ticket: 14087

DST#: 1

ATTN: Corey Baker

Test Start: 2001.05.03 @ 19:40:00

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:	48.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	10.36 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4671 Ft. GIP	0.000
15.00	Sf Gas cut Mud 3%G 97%M	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 1

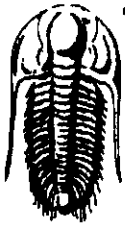
Num Gas Bombs: 1

Serial #: 1

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

McCoy Pet. Corp.

Wurm "A" 1-15

Wichita Ks. 67202

15-34S-8W Harper KS

Job Ticket: 14087

DST#: 1

ATTN: Corey Baker

Test Start: 2001.05.03 @ 19:40:00

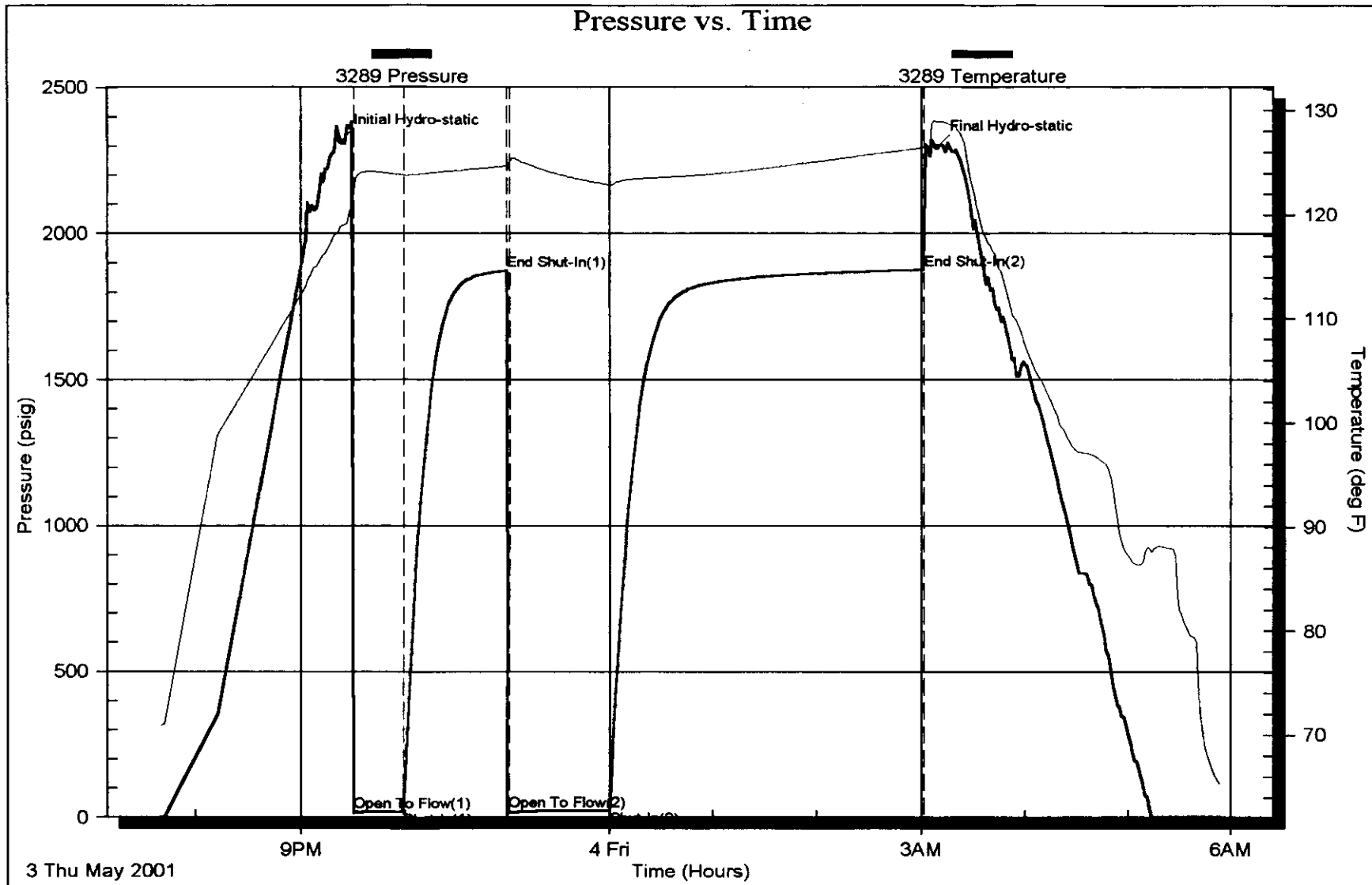
Gas Rates Information

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)
2	10	0.25	1.00	24.43
2	20	0.25	1.60	25.38
2	30	0.25	1.60	25.38
2	40	0.25	1.60	25.38
2	50	0.25	1.60	25.38
2	55	0.25	1.60	25.38

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INVOICE NO.

FIELD ORDER

03654

Subject to Correction

Date 04-26-01	Lease Wuem 'A'	Well # 1-15	Legal 15-345-80
Customer ID	County Haskell	State KS	Station PRATT
Depth		Formation	Shoe Joint 15'
Casing 8 5/8	Casing Depth 267'	TD 273'	Job Type SURFACE - NEW WELL
Customer Representative MIKE KERNS		Tractor T.503A	

CHARGE

McCoy Pet.

AFE Number _____ PO Number _____

Materials Received by **X Mike Kerns**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-202	180 SK	6040 P2 CEMENT				
C-310	45 lb	CALCIUM CHLORIDE				
C-195	45 lb	CELLFLAKE				
F-143	1 EA	8 5/8 WOODEN PLUG				
R-701	1 EA	CEMENT HEAD RENTAL				
E-107	180 SK	CEMENT SEW. CHARGE				
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E-100	75 miles	UNITS 1 way	MILES			
E-104	501 TM	TONS	MILES			
R-200	1 EA	EA. 247'	PUMP CHARGE			
Discounted Prices =				2,872.49		
+ TAXES						



TREATMENT REPORT

03212

Customer ID		Date	
Customer McCoy Pet.		01-26-01	
Lease Worm 'A'		Lease No.	Well # 1-15

Field Order # 03654	Station Pratt	Casing 8 5/8	Depth 267'	County HARPER	State KS
Type Job Surface Non Well			Formation	Legal Description 15-395-8W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 700 SLs		RATE	PRESS	ISIP
Depth 267'	Depth	From	To	Pre Pad 60/40 Pz	Max			5 Min.
Volume	Volume	From	To	Pad 2 1/2 Gal 3/1 C.C.	Min			10 Min.
Max Press	Max Press	From	To	Frac 14.7 gal 1.25 cu ft	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative MIKE KERNS	Station Manager D ANTRY	Treater T. S. 31
---------------------------------------	----------------------------	---------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
06:30			108	23	colled out
07:00			31	70	onloc w/tees Run to JT's 8 5/8 CSG.
10:10					START CSG
11:15					CSG ON BOTTOM
11:19					Hook up to CSG
11:23					BREAK CIRC W/ REG
11:30				4.5	START PUMPING
11:33			10		PUMP 10 bbls H ₂ O
11:34					START MIXING CEMENT 14.7 gal
11:42					FINISHED MIXING CEMENT
11:43			40		SHUT DOWN
11:44					RELEASE PLUG
11:45				4.5	START DISP
11:49			16	1	Plug Down
JOB COMPLETE THANKS TO YOU					

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5-8-01
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