

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

CONFIDENTIAL

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: Eagling #21205  
Operator Contact Person: Scott Hampel  
Phone: ( 316 ) 636-2737  
Contractor: Name: Murfin Drilling Inc.  
License: 30606  
Wellsite Geologist: Bob Odell

Designate Type of Completion:

- New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_

<u>03-28-03</u>	<u>04-07-03</u>	<u>05-19-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 109-20,704-0000  
County: Logan  
E/2 NW NE    Sec. 12    Twp. 11    S. R. 34     East  West  
660 feet from N (circle one) Line of Section  
1650 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE    NW    Sw  
Lease Name: Anderson C    Well #: 1-12

Field Name: Monument NW  
Producing Formation: Mississippian

Elevation: Ground: 3181'    Kelly Bushing: 3186'

Total Depth: 4800'    Plug Back Total Depth: 4735'

Amount of Surface Pipe Set and Cemented at 280 Feet

Multiple Stage Cementing Collar Used?     Yes     No

Yes Spud depth set 2713 Feet

If Alternate II completion, cement circulated from 2713

feet depth to surface w/ 445 sx cmt.

Drilling Fluid Management Plan Allen W 7-22-03  
(Data must be collected from the Reserve Pit)

Chloride content 44,000 ppm    Fluid volume 1,600 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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JUN 26 2003

JUN 17 2003

**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: Scott Hampel

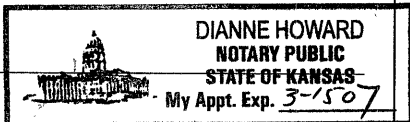
Title: Petroleum Engineer    Date: 6/27/03

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

20 03

Notary Public Dianne Howard

Date Commission Expires: 3-15-07



KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes  Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

X

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: McCoy Petroleum Corporation Lease Name: Anderson C Well #: 1-12
Sec 12 Twp 11S S. R. 34 East West County: Logan

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: Dual Induction, Density/Neutron, MicroLog

Log Formation (Top), Depth and Datum Sample

Table with 3 columns: Name, Top, Datum. Rows include Anhydrite 2260 (+ 526) Lansing 'I' 4300 (- 1114), Heebner 4072 (-886) Lansing 'J' 4320 (- 1134), Toronto 4090 (- 904) Stark Shale 4339 (- 1153), Lansing 4112 (- 926) Lansing 'K' 4348 (- 1162), Muncie Creek Shale 4255 (- 1069) Johnson Zone 4659 (- 1473), Lansing 'H' 4270 (- 1084) Mississippian 4738 (- 1552) LTD 4802

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CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows for Surface casing and Production casing.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Row for Perforate with 0-2713 depth and 60/40 Pozmix cement.

Table with 3 columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth. Rows for 4 shots at 4305-08, 4323-28, and 4350-55.

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TUBING RECORD Size 2-3/8" Set At 4417' Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 05-30-03 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 150 Gas Mcf 0 Water Bbls. 5 Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval

# ALLIED CEMENTING CO., INC. 12207

**CONFIDENTIAL**

Federal Tax I.D. # [REDACTED]

**ORIGINAL**

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

RELEASED  
FROM

SERVICE POINT:

OAKLEY

DATE <u>4-7-03</u>	SEC. <u>12</u>	TWP. <u>11S</u>	RANGE <u>34W</u>	CONFIDENTIAL	ON LOCATION <u>1:45 AM</u>	JOB START <u>7:45 AM</u>	JOB FINISH <u>8:30 AM</u>
LEASE <u>ANDERSON "C"</u>	WELL # <u>1-12</u>	LOCATION <u>MONUMENT 1W-1N-W INTO</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)				<b>KCC</b>			

JUN 26 2003

CONTRACTOR <u>MURFIN DRILL RIG #3</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PRODUCTION STRING</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>4800'</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>4779'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>PORT COLLAR</u>	DEPTH <u>2713'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>43.74'</u>
CEMENT LEFT IN CSG.	<u>43.74'</u>
PERFS.	
DISPLACEMENT	<u>75 1/4 BBL.</u>

CEMENT	<b>CONFIDENTIAL</b>	
AMOUNT ORDERED	<u>250 SKS ASC 15% SALT 28 GEL</u>	
	<u>5" GILSONITE 1/4" FLO-SEAL</u>	
	<u>500 GAL WFR-2</u>	
ASC	<u>250 SKS</u>	@ <u>9 85/100</u> <u>2462 50/100</u>
POZMIX		@
GEL	<u>5 SKS</u>	@ <u>10 00/100</u> <u>50 00/100</u>
CHLORIDE		@
SALT	<u>27 SKS</u>	@ <u>7 50/100</u> <u>202 50/100</u>
GILSONITE	<u>1250 #</u>	@ <u>1 50/100</u> <u>625 50/100</u>
FLO-SEAL	<u>63 #</u>	@ <u>1 40/100</u> <u>88 40/100</u>
WFR-2	<u>500 GAL</u>	@ <u>1 00/100</u> <u>500 00/100</u>
HANDLING	<u>250 SKS</u>	@ <u>1 15/100</u> <u>287 15/100</u>
MILEAGE	<u>0.54 PER SK/MILE</u>	<u>187 50/100</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>TERRY</u>
# <u>300</u>	HELPER <u>WAYNE</u>
BULK TRUCK	
# <u>212</u>	DRIVER <u>LORNAE</u>
BULK TRUCK	
#	DRIVER

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TOTAL 4403 20/100

**REMARKS:**

MIX 500 GAL WFR-2 PLUG MOUSE HOLE  
10 SKS PLUG RAT HOLE 15 SKS MIX 225 SKS  
ASC 15% SALT 5" GILSONITE 28 GEL 1/4"  
FLO-SEAL & DISPLACE 75 1/4 BBL. WATER  
SLURRY VOL. 55 BBL. YIELD 136 P.P.G. 13.6  
G.P.S. 7.6. INITIAL PRESSURE 250 PSI  
FINAL LIFT PRESSURE 1000 PSI. LAND  
PLUG AT 1500 PSI. INSERT HELD  
THANK YOU

CONSULTATION  
WICHITA, KS

**SERVICE**

DEPTH OF JOB	<u>4779'</u>	
PUMP TRUCK CHARGE		<u>1130 50/100</u>
EXTRA FOOTAGE		@
MILEAGE	<u>15 MI</u>	@ <u>3 50/100</u> <u>52 50/100</u>
PLUG	<u>4 1/2 RUBBER</u>	@ <u>45 00/100</u>
		@
		@

TOTAL 1227 50/100

CHARGE TO: MCCOY PETROLEUM CORP.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

	<u>4 1/2"</u>	
1-GUIDE SHOE		@ <u>125 50/100</u>
1-AFU INSERT		@ <u>210 50/100</u>
12-CENTRALIZER		@ <u>45 00/100</u> <u>540 00/100</u>
2-BASKETS		@ <u>116 00/100</u> <u>232 00/100</u>
1-PORT COLLAR		@ <u>1600 00/100</u>

TOTAL 2707 50/100

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

# ALLIED CEMENTING CO., INC. 12182

**CONFIDENTIAL**

Federal Tax I.D.# [REDACTED]

**ORIGINAL**

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

SERVICE POINT:

Oakley

DATE <u>3-28-03</u>	SEC <u>12</u>	TWP. <u>11s</u>	RANGE <u>34w</u>	CALLED OUT	ON LOCATION <u>9:40 PM</u>	JOB START <u>11:30 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Anderson &amp; Co</u>	WELL # <u>1-12</u>	LOCATION <u>Monument 1w 1w w/s</u>	COUNTY <u>Logan</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Murfin Drilling Rig 3 OWNER KCC

TYPE OF JOB Surface JUN 26 2003

HOLE SIZE 12 1/4 T.D. 280'

CASING SIZE 8 7/8 DEPTH 280

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 16 3/4 Bbls

CEMENT	AMOUNT ORDERED	<u>CONFIDENTIAL</u>
	<u>175 SKS Com 3 1/2 CL 2 1/2 Gal</u>	
COMMON	<u>175 sks @ 7.85</u>	<u>1373.75</u>
POZMIX	@	
GEL	<u>3 SKS @ 10.00</u>	<u>30.00</u>
CHLORIDE	<u>6 SKS @ 30.00</u>	<u>180.00</u>
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>175 sks @ 1.10</u>	<u>192.50</u>
MILEAGE	<u>44 SK/mile</u>	<u>105.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 191 HELPER Andrew

BULK TRUCK

# 361 DRIVER Jatrod

BULK TRUCK

# DRIVER

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KANSAS CORPORATION COMMISSION

JUN 27 2003

TOTAL 1881.25

**REMARKS:**

CONSERVATION DIVISION  
WORKS

**SERVICE**

Cement did circulate ✓

Thank you

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>520.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>15 Miles</u>	@ <u>3.00</u>	<u>45.00</u>
PLUG <u>8 7/8 Surface</u>	@	<u>45.00</u>
	@	
	@	

TOTAL 610.00

CHARGE TO: McCoy Petroleum Corp

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RELEASED EQUIPMENT  
FROM  
**CONFIDENTIAL**

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment  
and furnish cementer and helper to assist owner or

TOTAL \_\_\_\_\_

CONFIDENTIAL

ORIGINAL

**McCoy Petroleum Corporation**

**453 South Webb Road, Suite 310**

**Wichita, Kansas 67207**

RELEASED  
FROM  
CONFIDENTIAL

316-636-2737

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 27 2003

CONSULTATION DIVISION  
WICHITA, KS

KCC

JUN 26 2003

**WELL REPORT**

CONFIDENTIAL

**McCoy Petroleum Corporation**

**Anderson 'C' #1-12**

**E/2 NW NE**

**Section 12-11S-34W**

**Logan County, Kansas**

**API #15-109-20,704**

**MPC #763 (03-09)**

**Spud Date: 03-28-03**

**Monument NW Prospect**

**Contractor: Murfin Drilling Company, Inc. Rig #3**

**Geologist: Bob O'Dell**

**Elevations: 3181' GL 3186' KB (All measurements from KB)**

03-28-03 MIRT. Spud well at 6:00 PM. Drilled 12 1/4" hole to 280'. Deviation 1/2° @ 280'. Ran 6 jts. of new 8 5/8" 23# L/S casing. Talley = 272.81'. Set at 280'. Allied cemented with 175 sx of Common with 2% gel and 3% CC. Plug down at 11:59 PM. Cement circulated. WOC.

03-29-03 TD 280'. Drill out surface casing at 9:45 AM.

03-30-03 TD 1930'. Drilling ahead.

03-31-03 TD 3110'. Drilling ahead. Driller's Anhydrite 2662'.

04-01-03 TD 3615'. Drilling ahead.

04-02-03 TD 4140'. Drilling ahead.

**McCoy Petroleum Corporation**  
**Anderson "C" #1-12**  
**E/2 NW NE**  
**Section 12-11S-34W**  
**Logan County, Kansas**

**KCC**  
**JUN 26 2003**  
**CONFIDENTIAL**

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<b>SAMPLE TOPS</b>	<b>Structure compared to</b>	
<b>McCoy Petroleum</b> <b>Anderson "C" #1-12</b> <b>E/2 NW NE</b> <b>Sec. 12-11S-34W</b> <b>KB: 3186'</b>	<b>McCoy Petroleum</b> <b>Thrasher A #2-1</b> <b>N/2 SE SW</b> <b>Sec. 1-11S-34W</b> <b>KB: 3203'</b>	<b>McCoy Petroleum</b> <b>Thrasher A #1-1</b> <b>SW NE SW</b> <b>Sec. 1-11S-34W</b> <b>KB: 3208'</b>

Anhydrite	2262 (+ 524)	- 6	- 5
Heebner	4071 (- 885)	- 3	- 7
Toronto	4093 (- 907)	- 6	- 8
Lansing	4111 (- 925)	- 2	- 7
Muncie Creek	4254 (-1068)	- 1	- 8
LKC "H"	4268 (-1082)	- 1	- 8
LKC "I"	4301 (-1115)	- 1	- 7
LKC "J"	4323 (-1137)	Flat	- 5
Stark Shale	4339 (-1153)	- 2	- 5
LKC "K"	4349 (-1163)	+ 1	- 4
Pawnee	4532 (-1346)	+ 2	- 4
Cherokee	4581 (-1395)	+ 1	- 5
Johnson	4660 (-1474)	Flat	- 8
Mississippian	4738 (-1552)	-14	-27
RTD	4800 (-1614)		

**Toronto porosity 4093-4099':** Limestone; white to gray, fine to medium crystalline, fossiliferous. Poor to fair inter-crystalline to scattered vugular porosity. Slight show of free oil. Scattered black oil stain. No odor.

**LKC "I" porosity 4301-4306':** Limestone; white, tan and light gray, finely crystalline, fossiliferous, in part oolitic. Scattered poor to fair inter-oolitic and inter-fossil porosity. Very slight show of free oil. Dull fluorescence. Faint odor.

04-03-03 TD 4315'. Taking DST #1.

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WELL REPORT

ORIGINAL

McCoy Petroleum Corporation  
Anderson "C" #1-12  
E/2 NW NE  
Section 12-11S-34W  
Logan County, Kansas

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DST #1 4285-4315' (LKC "I" zone)  
Open 30", SI 60", Open 60", SI 90"  
Strong blow, OBB/2" on 1<sup>st</sup> open period.  
Strong blow, OBB/2" on 2<sup>nd</sup> open period.  
Recovered 1320' of gas in pipe,  
2120' of total fluid as follows:  
1750' of clean gassy oil, (40° gravity)  
370' of muddy gassy oil.  
FP 64-424# 435-759#  
ISIP 1255# FSIP 1173#

LKC "J" porosity 4323-4326': Limestone; white, tan and light gray, fine to medium crystalline, fossiliferous, oolitic and oolitic in part. Fair inter-crystalline, inter-fossil, inter-oolitic and oolitic porosity. Fair show of free oil. Fair tan oil stain. Faint odor.

DST #2 4314-4335' (LKC "J" zone)  
Open 30", SI 60", Open 60", SI 90"  
Weak steady blow throughout both open periods.  
Recovered 60' of gas in pipe,  
210' of total fluid as follows:  
90' of clean gassy oil,  
80' of heavily oil and gas cut mud, (10% gas, 35% oil, 55% mud)  
40' of slightly oil cut muddy water. (1% oil, 10% mud, 89% wtr) 42,000 ppm.  
FP 11-44# 51-97#  
ISIP 1225# FSIP 1195#

04-04-03 TD 4340'. Drilling ahead.

LKC "K" porosity 4349-4363': Limestone; gray, white and tan, fine to medium crystalline, fossiliferous, oolitic and peletal, slightly cherty, highly weathered. Fair to good inter-crystalline and inter-particle porosity. Good show of free oil. Saturated light oil stain. Good odor.

**McCoy Petroleum Corporation**  
**Anderson "C" #1-12**  
**E/2 NW NE**  
**Section 12-11S-34W**  
**Logan County, Kansas**

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**JUN 26 2003**  
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**DST #3 4335-4370 (LKC "K" zone)**  
**Open 30", SI 60", Open 60", SI 90"**  
**Strong blow, OBB/15" on 1<sup>st</sup> open period.**  
**Strong blow, OBB/18" on 2<sup>nd</sup> open period.**  
**Recovered 660' of gas in pipe,**  
**600' of total fluid as follows:**  
**360' of clean gassy oil, (36° gravity)**  
**180' of heavily oil cut gassy mud,**  
**60' of oil cut muddy water. (28,000 ppm chlorides)**  
**FP 21-147# 158-248#**  
**ISIP 1120# FSIP 1093#**

04-05-03 TD 4510'. Drilling ahead.

**Johnson zone 4660-4664'**: Limestone; white, gray and tan, finely crystalline. No visible porosity. No show. (Very poor samples). A few loose fossil fragments.

**DST #4 4625-4696' (Johnson)**  
**Open 30", SI 60", Open 60", SI 90"**  
**Weak blow, increased to fair 11" blow on 1<sup>st</sup> open period.**  
**Weak blow, increased to good OBB/50" on 2<sup>nd</sup> open period.**  
**Recovered 180' of gas in pipe,**  
**374' of clean gassy oil,**  
**60' of gassy oil cut mud. (20% gas, 15% oil, 65% mud)**  
**FP 21-83# 91-157#**  
**ISIP 499# FSIP 477#**

04-06-03 TD 4696'. Taking DST #4.

04-07-03 RTD 4800'. LTD 4802'. Ran Rosel Dual Induction, Density Neutron and Microlog. Ran 111 joints of new Maverick 4 1/2", 10.5#, J-55, R-3, ST&C casing. Talley = 4779'. Set casing 23' off bottom @ 4779' LTD. Top of shoe joint @ 4735'. Port collar @ 2713'. Centralizers on top of joints 1, 3, 5, 7, 9, 11, 13, 15, 17, 19 and above and below port collar. Ran basket on 13<sup>th</sup> joint and below port collar. RU Allied. Pumped 500 gals of WFR-2 mud flush. Cemented with 225 sacks of ASC cement, 15% salt, 2% gel 5# gilsonite/sk and 1/4# floseal/sk. Yield 1.36 ft<sup>3</sup>/sk. Lift pressure 1000#. Land plug at 1500#. Good circulation. Plug down at 8:30 AM. **WOCT.**



CONFIDENTIAL

ORIGINAL

**WELL REPORT**

**McCoy Petroleum Corporation**  
**Anderson "C" #1-12**  
**E/2 NW NE**  
**Section 12-11S-34W**  
**Logan County, Kansas**

**KCC**  
**JUN 26 2003**  
**CONFIDENTIAL**

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<b><i>ELECTRIC LOG TOPS</i></b>	<b><i>Structure compared to</i></b>	
<b>McCoy Petroleum Anderson "C" #1-12 E/2 NW NE Sec. 12-11S-34W KB: 3186'</b>	<b>McCoy Petroleum Thrasher A #2-1 N/2 SE SW Sec. 1-11S-34W KB: 3203'</b>	<b>McCoy Petroleum Thrasher A #1-1 SW NE SW Sec. 1-11S-34W KB: 3208'</b>

Anhydrite	2260 (+ 526)	- 4	- 3
Heebner	4072 (- 886)	- 4	- 8
Toronto	4090 (- 904)	- 3	- 5
Lansing	4112 (- 926)	- 3	- 8
LKC "B"	4145 (- 959)	- 4	-11
Muncie Creek	4255 (-1069)	- 2	- 9
LKC "H"	4270 (-1084)	- 2	- 9
LKC "I"	4300 (-1114)	Flat	- 9
LKC "J"	4320 (-1134)	- 3	- 2
Stark Shale	4339 (-1153)	- 2	- 5
LKC "K"	4348 (-1162)	+ 2	- 6
Pawnee	4534 (-1348)	Flat	- 6
Cherokee	4582 (-1396)	Flat	- 6
Johnson	4659 (-1473)	+ 1	- 7
Mississippian	4738 (-1552)	-14	-27
LTD	4802 (-1616)		

**INDICATED PAY ZONES**

***LKC "I" 4304-4309': DST 1320' gip, 2,120' oil. BHP 1255#/1173#***

***LKC "J" 4320-4327': DST 60' gip, 90' oil, 80' hocm, 40' wtr. BHP 1225#/1195#***

***LKC "K" 4350-4358': DST 660' gip, 360' oil, 180' hocm, 60' ocw. BHP 1120#/1093#***

***Johnson 4662-4665': DST 180' gip, 434' oil. BHP 499#/477#***

McCoy Petroleum Corporation  
Anderson "C" #1-12  
E/2 NW NE  
Section 12-11S-34W  
Logan County, Kansas

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JUN 26 2003  
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### COMPLETION REPORT

04-12-03 RU Peak Wireline. Ran GR-CCL-CBL log. TOC @ 3660'. Top of good cement bond @ 4130'.

05-13-03 MICT. Run 2 3/8" EUE YB tubing with port collar shifting tool. Found port collar at 2713'.

05-14-03 RU Allied Cementing. Pressure test casing to 1500#, held. Opened port collar. Broke circulation. Proceeded to cement casing for Alternate II compliance with 445 sacks of 60/40 Pozmix containing 8% gel, 1/2 # Flocele/sk. Good circulation. Displaced tubing with 10 bbl water. Closed port collar. Tested casing to 1450#, held. Lower tubing 2 joints. Circulated hole clean. TOOH with tubing and port collar tool. Swab casing down to 4050'. RU Peak Wireline and proceeded to **perforate LKC "K" zone @ 4353' (1 shot), LKC "J" zone @ 4325' (1 shot) and LKC "I" zone 4306' (1 shot)** using a hollow steel carrier gun with 28 gm charges. TIH with tubing & packer. Set packer at 4297'. Ran swab. FL 3500' FS. Made hourly swab test as follows.

<u>Hour</u>	<u>Pulls</u>	<u>Barrels</u>	<u>Remarks</u>	<u>Fluid level</u>
1 <sup>st</sup>	4	8.19	85% oil	3800'
2 <sup>nd</sup>	4	6.43	90% oil	3900' SDON.

05-15-03 Ran swab. FL 1200' FS. Swabbed 1 hour and recovered 14.04 bbls, 95% oil. FL 3800' FS. RU Heat Waves. Lowered tubing and circulated hole with 50 bbls of 2% KCL water. Spotted 14 bbls of acid across perms. Raised tubing and reset packer at 4297'. **Acidized LKC "I", "J" and "K" zones with 1000 gallons of 15% FE-NE acid.** Pumped 1 bbl at 1.5 BPM and pressure broke back from 1000# to 810#. Increased pump rate up to 5 BPM and pressure increased to 2370#. ISIP 400#. On vacuum in 3.5 minutes. TL 43 bbl. Ran swab. FL 500' FS. Made hourly swab test as follows.

<u>Hour</u>	<u>Pulls</u>	<u>Barrels</u>	<u>Remarks</u>	<u>Fluid level</u>
1 <sup>st</sup>	4	20.28	30% oil	2000'
2 <sup>nd</sup>	4	24.55	90% oil	2100', FL 1700' in 15 mins.
3 <sup>rd</sup>	4	21.64	95% oil	2100'

TOOH with tubing and packer. Wait for thunderstorm to move thru. RU Peak Wireline and **perforate the LKC "K" zone 4350' to 4355' (5' gun, 4 SPF), the LKC "J" zone 4323' to 4328' (5' gun, 4 SPF) and the LKC "I" zone 4305' to 4308' (3' gun, 4 SPF),** using a hollow steel carrier gun. TIH with packer and tubing. Set packer at 4297'.

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WELL REPORT

McCoy Petroleum Corporation  
Anderson "C" #1-12  
E/2 NW NE  
Section 12-11S-34W  
Logan County, Kansas

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JUN 26 2003  
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05-15-03(Cont'd) Ran swab. FL 1700' FS. Made hourly swab test as follows.

Hour	Pulls	Barrels	Remarks	Fluid level
1 <sup>st</sup>	4	24.59	50% oil	2200'
2 <sup>nd</sup>	4	21.65	95% oil	2200' SDON

05-16-03 Ran swab. FL 1300' FS. Swabbed 1 hour and recovered 24.57 bbls, 95% oil. FL 2000' FS. RU Heat Waves. Lowered tubing and circulated hole with 42 bbls of 2% KCL water. Spotted 14 bbls of acid across perms. Raised tubing and reset packer at 4297'. Acidized LKC "I", "J" and "K" zones with 2000 gallons of 15% FE-NE acid. Treated @ 4.5 BPM. MP 1770#. ISIP 680#. On vacuum in 10 mins. TL 67 bbls. Ran swab. FL 500' FS. Made hourly swab test as follows.

Hour	Pulls	Barrels	Remarks	Fluid level
1 <sup>st</sup>	4	25.15	Water	1500'
2 <sup>nd</sup>	4	16.03	85% oil	2000'
3 <sup>rd</sup>	4	23.42	95% oil	2200'

Released packer. FL 1300' FS. Made hourly swab test as follows.

Hour	Pulls	Barrels	Remarks	Fluid level
1 <sup>st</sup>	4	23.42	Water	
2 <sup>nd</sup>	4	23.42	90% oil	2200' SDOWE.

05-19-03 TOH with tubing and packer. RIH with 30' OPMA, 3' PN, 1.1' SN, 139 jts. 2 3/8" YB tubing. Set tubing at 4417' KB. RIH with 1"x12' gas anchor, 2"x1 1/2"x18' RWTC pump, 2'x 3/4" sub, 174 new 3/4" class D rods, 8', 2', 2' x 3/4" subs, 1 1/4"x22' polish rod and 1 1/2"x10' polish rod liner. RD.

05-20-03 Begin installing surface facilities.

05-22-03 Set pumping unit. C & R working on flow lines. McDonald Tank to set battery next week.

05-23-03 Flow lines completed.

05-27-03 Set tank battery 5/28 or 5/29.

05-28-03 Start tank battery installation.

**CONFIDENTIAL**  
**WELL REPORT**

**ORIGINAL**

**McCoy Petroleum Corporation**  
**Anderson "C" #1-12**  
**E/2 NW NE**  
**Section 12-11S-34W**  
**Logan County, Kansas**

**KCC**  
**JUN 26 2003**  
**CONFIDENTIAL**

**Page 8**

05-29-03 Finish tank battery installation and start well up mid afternoon.

05-30-03 Made 119 BO and 2 BW in 15 hours. **First Production.**

05-31-03 Made 154 BO and 3 BW

06-01-03 Made 145 BO and 2 BW

06-02-03 Made 168 BO and 7 BW

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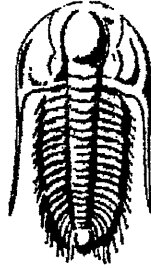
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JUN 27 2003

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CONSERVATION DIVISION  
WICHITA, KS

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TRILOBITE  
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp**

P O Box 780208  
Wichita Ks 67278-0208

ATTN: Scott Hampel

**12-11s-34w Logan Ks**

**Anderson "C"1-12**

Start Date: 2003.04.03 @ 01:28:56

End Date: 2003.04.03 @ 11:29:10

Job Ticket #: 16976                      DST #: 1

McCoy Petro Corp

Anderson "C"1-12

12-11s-34w Logan Ks

DST # 1

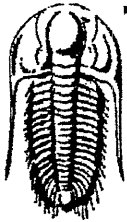
LKC "I"

2003.04.03

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

**Anderson "C"1-12**  
**12-11s-34w Logan Ks**  
Job Ticket: 16976      DST#: 1  
Test Start: 2003.04.03 @ 01:28:56

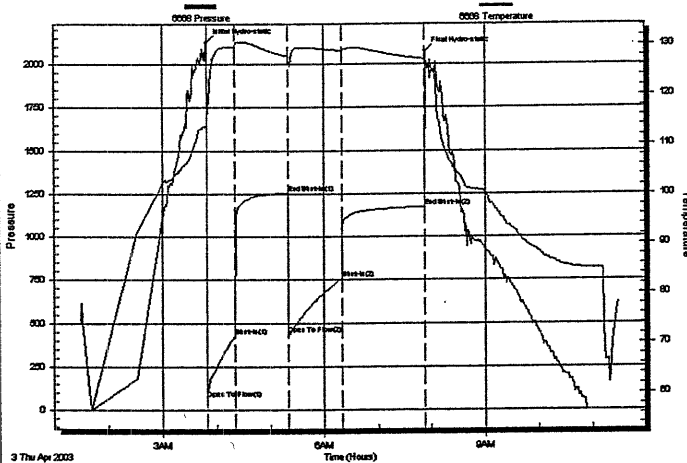
### GENERAL INFORMATION:

Formation: **LKC "I"**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: **03:49:25**  
Time Test Ended: **11:29:10**  
Interval: **4285.00 ft (KB) To 4315.00 ft (KB) (TVD)**  
Total Depth: **4315.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **Ray Schwager**  
Unit No: **16**  
Reference Elevations: **3186.00 ft (KB)**  
**3181.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 6668**      **Inside**  
Press@RunDepth: **759.58 psig @ 4286.01 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2003.04.03**      End Date: **2003.04.03**      Last Calib.: **2003.04.03**  
Start Time: **01:28:56**      End Time: **11:29:10**      Time On Btm: **2003.04.03 @ 03:49:10**  
Time Off Btm: **2003.04.03 @ 07:53:10**

**TEST COMMENT:** IFF- strg bl in 2 min  
FFP-strg bl thru-out  
Times 30-60-60-90  
Strg bl bk on shut-in

Pressure vs. Time



### PRESSURE SUMMARY

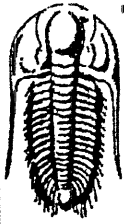
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.90	113.87	Initial Hydro-static
1	64.51	113.32	Open To Flow (1)
31	424.80	129.64	Shut-In(1)
91	1255.78	127.74	End Shut-In(1)
91	435.94	127.38	Open To Flow (2)
151	759.58	128.89	Shut-In(2)
244	1173.15	127.20	End Shut-In(2)
244	2073.43	127.59	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
245.00	MGO 10% mud 40% gas 50% oil	1.20
125.00	MGO 30% mud 5% gas 65% oil	0.61
1750.00	Clean Oil	24.00
0.00	1320 Gip	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
  
ATTN: Scott Hampel

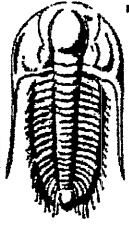
**Anderson "C"1-12**  
**12-11s-34w Logan Ks**  
Job Ticket: 16976      DST#: 1  
Test Start: 2003.04.03 @ 01:28:56

**Tool Information**

Drill Pipe:	Length: 3864.00 ft	Diameter: 3.80 inches	Volume: 54.20 bbl	Tool Weight: 2200.00 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: 430.00 ft	Diameter: 2.25 inches	Volume: 2.11 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4285.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.02 ft			
Tool Length:	51.02 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			4265.00	
Shut In Tool	5.00			4270.00	
Hydraulic tool	5.00			4275.00	
Packer	5.00			4280.00	21.00      Bottom Of Top Packer
Packer	5.00			4285.00	
Stubb	1.00			4286.00	
Recorder	0.01	6668	Inside	4286.01	
Perforations	26.00			4312.01	
Recorder	0.01	11085	Outside	4312.02	
Bullnose	3.00			4315.02	30.02      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>51.02</b>				



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16976      DST#: 1  
Test Start: 2003.04.03 @ 01:28:56

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 40 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.53 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6000.00 ppm		
Filter Cake: 1.00 inches		

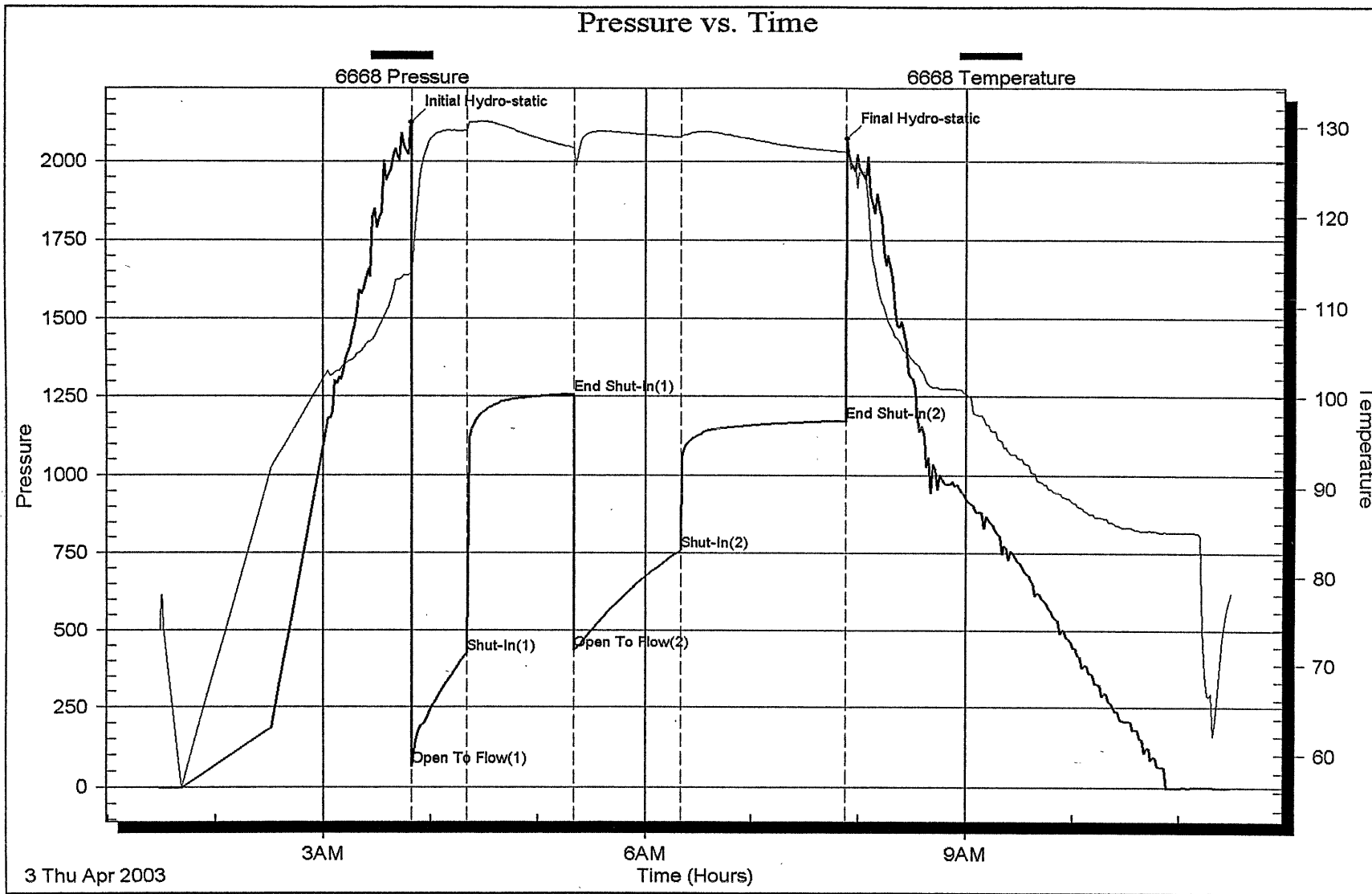
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	MGO 10%mud 40%gas 50%oil	1.205
125.00	MGO 30%mud 5%gas 65%oil	0.615
1750.00	Clean Oil	24.001
0.00	1320 Gip	0.000

Total Length: 2120.00 ft      Total Volume: 25.821 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





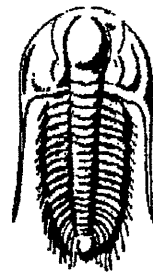
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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **McCoy Petro Corp**

P O Box 780208  
Wichita Ks 67278-0208

ATTN: Scott Hampel

**12-11s-34w Logan Ks**

**Anderson "C"1-12**

Start Date: 2003.04.03 @ 18:55:50

End Date: 2003.04.04 @ 00:46:34

Job Ticket #: 16977                      DST #: 2

McCoy Petro Corp

Anderson "C"1-12

12-11s-34w Logan Ks

DST # 2

LKC "J"

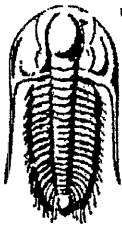
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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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





**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

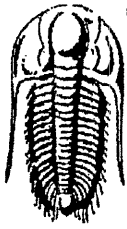
Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16977      DST#: 2  
Test Start: 2003.04.03 @ 18:55:50

**Tool Information**

Drill Pipe:	Length: 3893.00 ft	Diameter: 3.80 inches	Volume: 54.61 bbl	Tool Weight: 2200.00 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: 430.00 ft	Diameter: 2.25 inches	Volume: 2.11 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4314.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.02 ft			
Tool Length:	42.02 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			4294.00	
Shut In Tool	5.00			4299.00	
Hydraulic tool	5.00			4304.00	
Packer	5.00			4309.00	21.00      Bottom Of Top Packer
Packer	5.00			4314.00	
Stubb	1.00			4315.00	
Recorder	0.01	6668	inside	4315.01	
Perforations	17.00			4332.01	
Recorder	0.01	11085	Outside	4332.02	
Bullnose	3.00			4335.02	21.02      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>42.02</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16977      DST#: 2  
Test Start: 2003.04.03 @ 18:55:50

**Mud and Cushion Information**

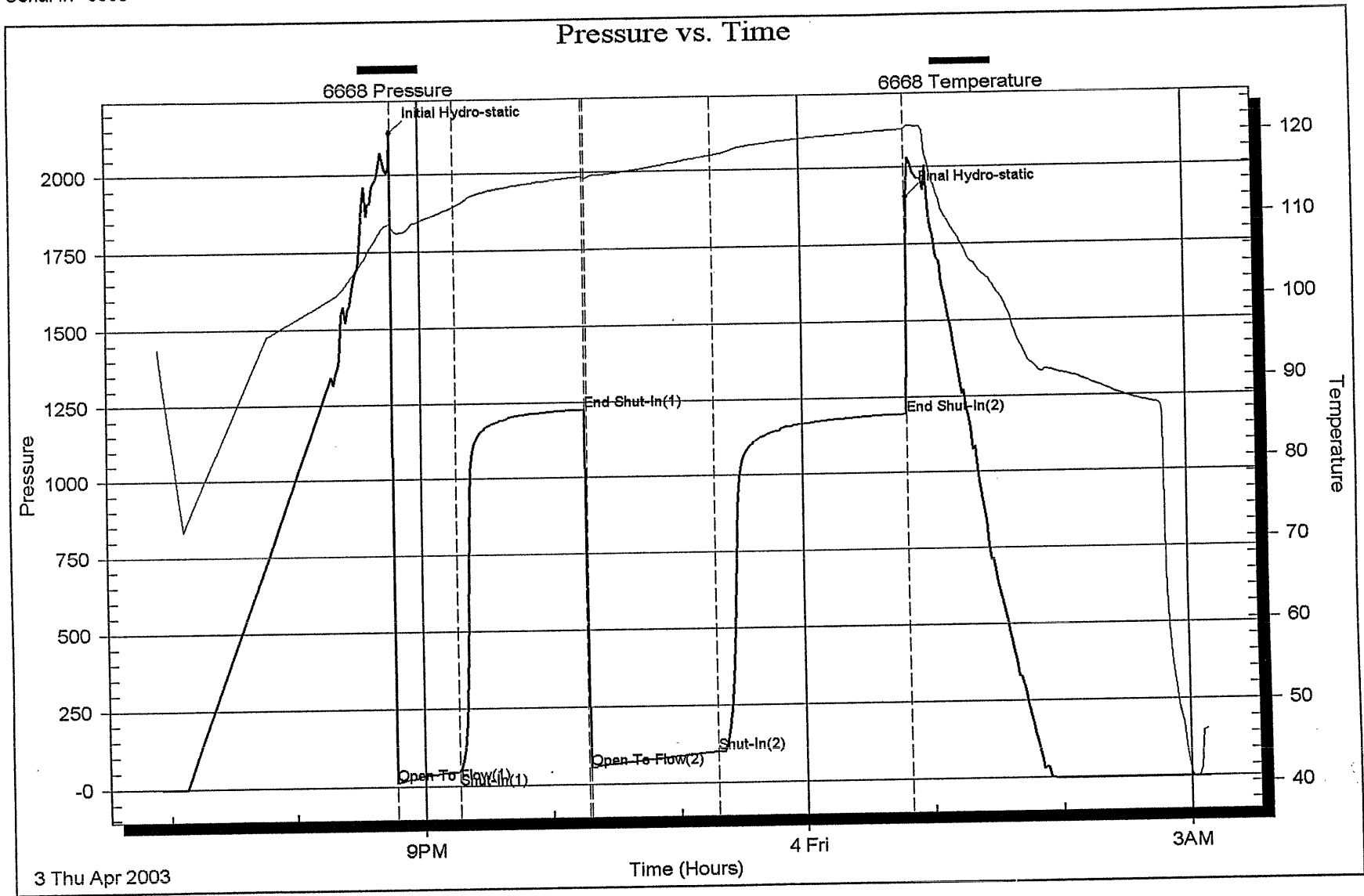
Mud Type: Gel Chem	Cushion Type:	Oil APT: 40 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 42000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.35 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: 1.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
40.00	SOCMW 1%oil 10%mud 89%mud	0.197
80.00	HO&GCM 10%gas 35%oil 55%mud	0.393
90.00	Clean Oil	0.443
0.00	60 GIP	0.000

Total Length: 210.00 ft      Total Volume: 1.033 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW .25@50F

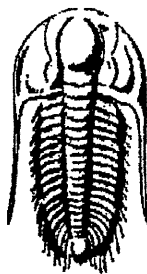


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**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **McCoy Petro Corp**

P O Box 780208  
Wichita Ks 67278-0208

ATTN: Scott Hampel

**12-11s-34w Logan Ks**

**Anderson "C"1-12**

Start Date: 2003.04.04 @ 12:14:15

End Date: 2003.04.04 @ 20:21:44

Job Ticket #: 16978                      DST #: 3

McCoy Petro Corp

Anderson "C"1-12

12-11s-34w Logan Ks

DST # 3

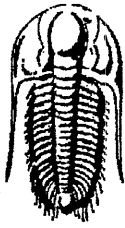
LKC "K"

2003.04.04

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

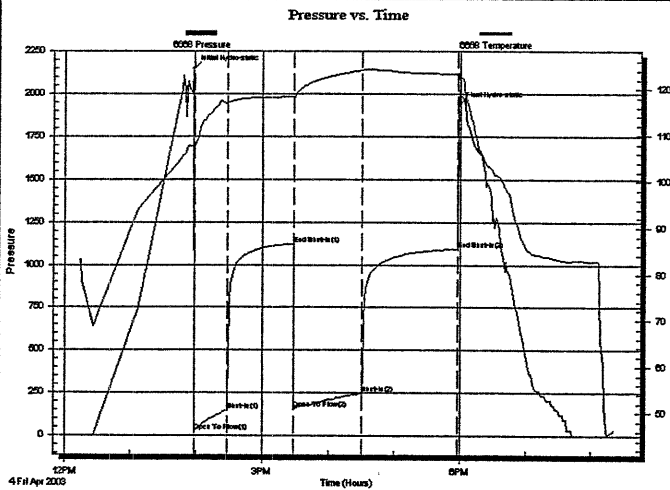
Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16978      DST#: 3  
Test Start: 2003.04.04 @ 12:14:15

## GENERAL INFORMATION:

Formation: **LKC "K"**  
Deviated: **No Whipstock:**      ft (KB)  
Time Tool Opened: 13:57:59  
Time Test Ended: 20:21:44  
Interval: **4335.00 ft (KB) To 4370.00 ft (KB) (TVD)**  
Total Depth: **4370.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **Ray Schwager**  
Unit No: **16**  
Reference Elevations: **3186.00 ft (KB)**  
**3181.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 6668      Inside**  
Press@RunDepth: **245.49 psig @ 4336.01 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2003.04.04**      End Date: **2003.04.04**      Last Calib.: **2003.04.04**  
Start Time: **12:14:15**      End Time: **20:21:44**      Time On Btm: **2003.04.04 @ 13:57:29**  
Time Off Btm: **2003.04.04 @ 17:58:14**

**TEST COMMENT:** FFP-wk to strg in 15 min  
FFP-wk to strg in 18 min  
Times 30-60-60-90  
wk bl bk on shut-in 1" bl



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.86	108.16	Initial Hydro-static
1	21.43	107.69	Open To Flow (1)
31	147.90	116.96	Shut-in(1)
91	1120.08	118.34	End Shut-in(1)
92	158.96	118.10	Open To Flow (2)
154	245.49	124.12	Shut-in(2)
241	1093.10	123.35	End Shut-in(2)
241	1933.05	123.57	Final Hydro-static

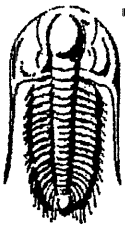
## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMW 10% Oil 30% Mud 60% Water	0.30
180.00	HOCGM 12% Oil 43% Gas 45%Mud	0.89
360.00	clean oil	3.32
0.00	660' Gas in Pipe	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

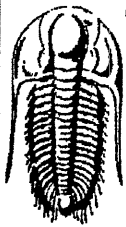
**Anderson "C"1-12**  
**12-11s-34w Logan Ks**  
Job Ticket: 16978      **DST#:3**  
Test Start: 2003.04.04 @ 12:14:15

**Tool Information**

Drill Pipe:	Length: 3894.00 ft	Diameter: 3.80 inches	Volume: 54.62 bbl	Tool Weight: 2200.00 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: 430.00 ft	Diameter: 2.25 inches	Volume: 2.11 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4335.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.02 ft			
Tool Length:	56.02 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			4315.00	
Shut In Tool	5.00			4320.00	
Hydraulic tool	5.00			4325.00	
Packer	5.00			4330.00	21.00 Bottom Of Top Packer
Packer	5.00			4335.00	
Stubb	1.00			4336.00	
Recorder	0.01	6668	Inside	4336.01	
Perforations	31.00			4367.01	
Recorder	0.01	11085	Outside	4367.02	
Bullnose	3.00			4370.02	35.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>56.02</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16978      DST#: 3  
Test Start: 2003.04.04 @ 12:14:15

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 9.52 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 6000.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 36 deg API  
Water Salinity: 28000 ppm

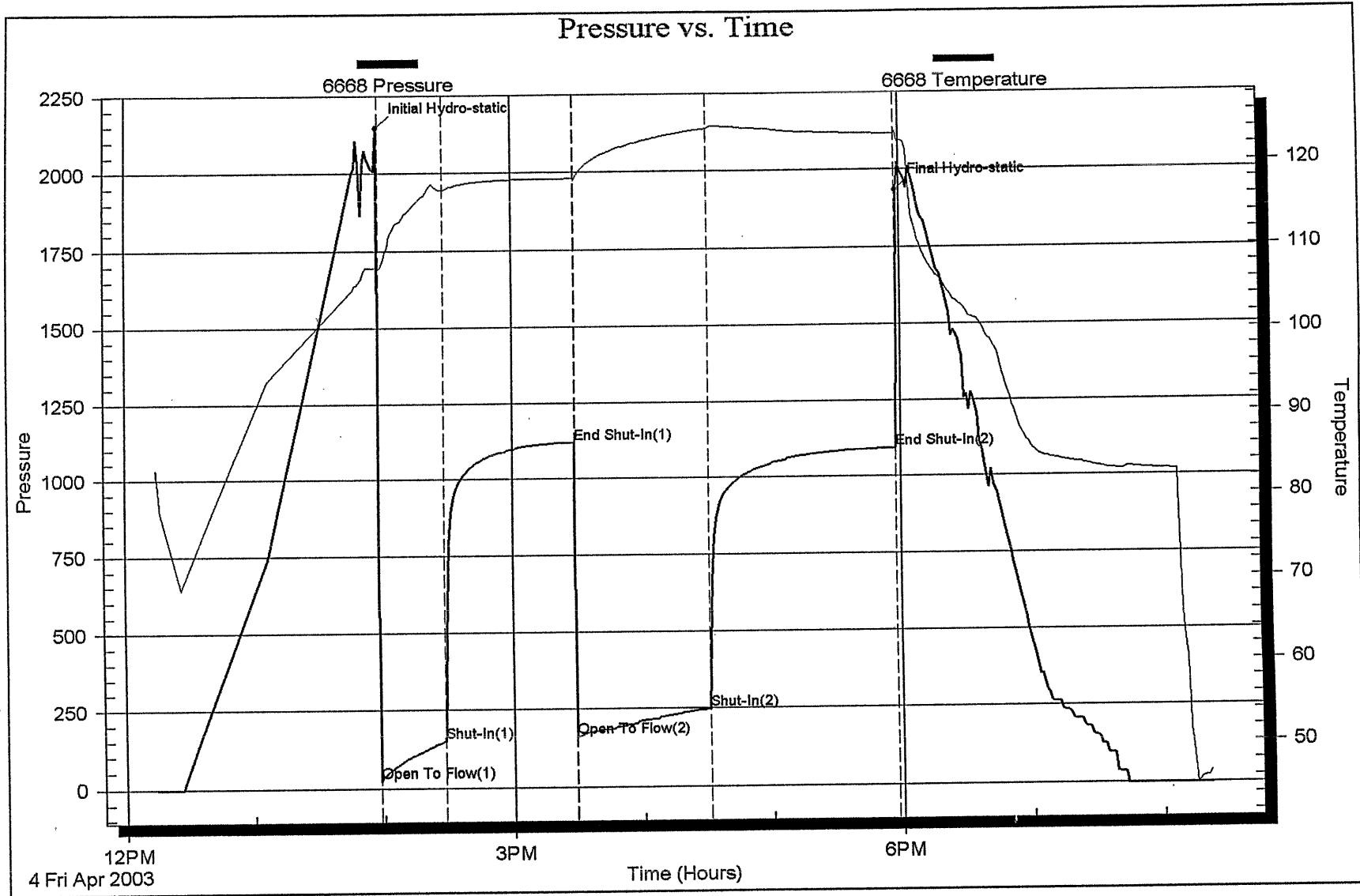
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	OCMW 10% Oil 30% Mud 60% Water	0.295
180.00	HOCGM 12% Oil 43% Gas 45%Mud	0.885
360.00	clean oil	3.319
0.00	660' Gas in Pipe	0.000

Total Length: 600.00 ft      Total Volume: 4.499 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW .35@52F

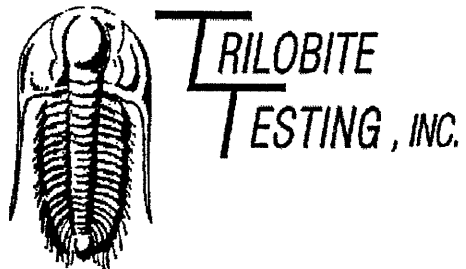


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**DRILL STEM TEST REPORT**

Prepared For: **McCoy Petro Corp**

P O Box 780208  
Wichita Ks 67278-0208

ATTN: Scott Hampel

**12-11s-34w Logan Ks**

**Anderson "C"1-12**

Start Date: 2003.04.05 @ 19:59:34

End Date: 2003.04.06 @ 04:49:49

Job Ticket #: 16229                      DST #: 4

McCoy Petro Corp

Anderson "C"1-12

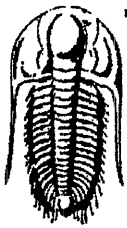
12-11s-34w Logan Ks

DST # 4

Johnson

2003.04.05

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

**Anderson "C"1-12**  
**12-11s-34w Logan Ks**  
Job Ticket: 16229      DST#: 4  
Test Start: 2003.04.05 @ 19:59:34

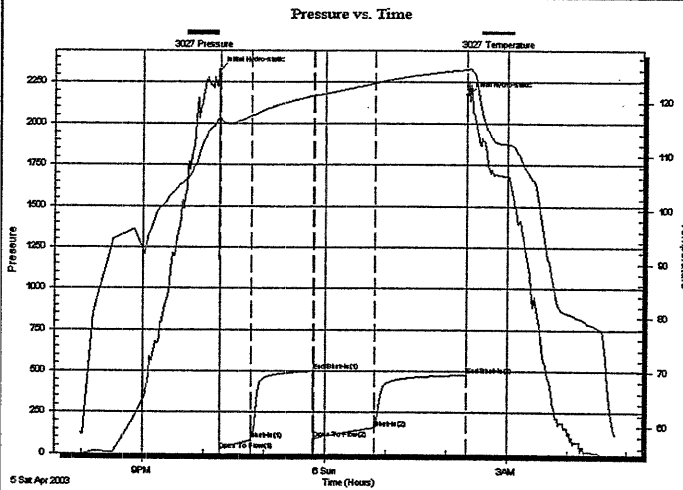
## GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: **No Whipstock:**                      ft (KB)  
Time Tool Opened: 22:15:49  
Time Test Ended: 04:49:49  
Interval: **4625.00 ft (KB) To 4696.00 ft (KB) (TVD)**  
Total Depth: **4696.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**  
Tester: **Rod Steinbrink**  
Unit No: **22**  
Reference Elevations: **3186.00 ft (KB)**  
**3181.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 3027      Inside**  
Press@RunDepth: **157.19 psig @ 4626.00 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2003.04.05**      End Date: **2003.04.06**      Last Calib.: **1899.12.30**  
Start Time: **19:59:39**      End Time: **04:49:49**      Time On Btm: **2003.04.05 @ 22:15:34**  
Time Off Btm: **2003.04.06 @ 02:19:48**

**TEST COMMENT:** IF; Weak to fair built to 11"  
IS; Surface return built to 2"  
FF; Weak to fair off btm in 50 mins.  
FS; Surface return steady thru.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2324.08	117.07	Initial Hydro-static
1	21.49	116.99	Open To Flow (1)
32	83.07	117.45	Shut-In(1)
92	499.14	121.21	End Shut-In(1)
93	91.24	121.25	Open To Flow (2)
153	157.19	123.51	Shut-In(2)
244	477.83	126.09	End Shut-In(2)
245	2172.69	126.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 20%gas 15%oil 65%mud	0.30
374.00	CGO 30%gas 70%oil	1.84
180.00	GIP	2.52

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208

Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16229      DST#: 4  
Test Start: 2003.04.05 @ 19:59:34

ATTN: Scott Hampel

### Tool Information

Drill Pipe:	Length: 4169.00 ft	Diameter: 3.80 inches	Volume: 58.48 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: 434.00 ft	Diameter: 2.25 inches	Volume: 2.13 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 60.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4625.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	98.00 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			4603.00	
Hydraulic tool	5.00			4608.00	
Jars	5.00			4613.00	
Safety Joint	2.00			4615.00	
Packer	5.00			4620.00	27.00      Bottom Of Top Packer
Packer	5.00			4625.00	
Stubb	1.00			4626.00	
Recorder	0.00	3027	Inside	4626.00	
Perforations	2.00			4628.00	
Change Over Sub	1.00			4629.00	
Anchor	61.00			4690.00	
Change Over Sub	1.00			4691.00	
Recorder	0.00	13309	Outside	4691.00	
Bullnose	5.00			4696.00	71.00      Bottom Packers & Anchor

**Total Tool Length: 98.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp  
P O Box 780208  
Wichita Ks 67278-0208  
ATTN: Scott Hampel

Anderson "C"1-12  
12-11s-34w Logan Ks  
Job Ticket: 16229      DST#: 4  
Test Start: 2003.04.05 @ 19:59:34

## 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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 20%gas 15%oil 65%mud	0.295
374.00	CGO 30%gas 70%oil	1.839
180.00	GIP	2.525

Total Length: 614.00 ft      Total Volume: 4.659 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

