

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
CONFIDENTIAL 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: EagLwing #21205
Operator Contact Person: Scott Hampel
Phone: (316) 636-2737
Contractor: Name: Murfin Drilling Inc.
License: 30606
Wellsite Geologist: Tim Lauer

API No. 15 - 109-20,701-0000
County: Logan
S2 SE NE Sec 2 Twp 11 S. R. 34 East West
2970 feet from S N (circle one) Line of Section
660 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW Sw
Lease Name: THRASHER 'B' Well #: 2-2

Field Name: Monument NW
Producing Formation: Johnson, LKC

Elevation: Ground: 3198' Kelly Bushing: 3203'
Total Depth: 4810' Plug Back Total Depth: 4766'
Amount of Surface Pipe Set and Cemented at 271 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2700 Feet
If Alternate II completion, cement circulated from 2700
feet depth to surface w/ 975 sx cmt.

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. _____

04-09-03 04-20-03 05-13-03
Spud Date or Date Reached TD Completion Date or Recompletion Date

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

Chloride content 56,000 ppm Fluid volume 1,660 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.: _____

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
03
Notary Public Dianne Howard
Date Commission Expires: 03-15-07



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution

X

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Side Two

KOC JUN 26 2003

ORIGINAL

Operator Name: McCoy Petroleum Corporation Lease Name: Thrasher B Well #: 2-2
Sec 2 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 sheets if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

RELEASED FROM

Drill Stem Tests Taken, Samples Sent to Geological Survey, Cores Taken, Electric Log Run, List All E. Logs Run, Formation (Top), Depth and Datum table.

CASING RECORD

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

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record.

TUBING RECORD

Date of First, Resumed Production, SWD or Enhr. Producing Method: Flowing, Pumping, Gas Lift, Other.

Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas, METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled, Production Interval.

Vertical stamp: CONSTRUCTION DIVISION JUN 27 2003

*McCoy Petroleum Corporation
Thrasher "B" #2-2
S/2 SE NE
Section 2-11S-34W
Logan County, Kansas*

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LKC "H" porosity 4276-4283': Limestone; cream to gray, fine to medium crystalline, mealy to granular texture, slightly fossiliferous. 25% with fair inter-crystalline, pin-point and vugular porosity. Fair show of free oil. Mostly saturated to some patchy oil stain. Good odor.

04-15-03 TD 4290'. TOH with DST #1.

DST #1 4266-4290' (LKC "H")
Open 30", SI 60", Open 60", SI 90"
Weak ½" blow, increased to 1 ½" blow on 1st open period.
Weak surface blow throughout 2nd open period.
Recovered 1' of free oil,
184' of mud cut water, trace of oil. (43,000 ppm chlorides)
FP 14-48# 53-104#
ISIP 776# FSIP 578#

LKC "I" porosity 4314-4318': Limestone; cream to buff, finely crystalline, slightly fossiliferous, mealy texture. Poor pin-point and vugular porosity. Poor show of free oil. Patchy to saturated oil stain. Weak odor.

DST #2 4296-4325' (LKC "I")
Open 30", SI 60", Open 60", SI 90"
Weak blow, increased to 1¼" blow on 1st open period.
Weak blow, increased to 2½" blow on 2nd open period.
Recovered 50' of gas in pipe,
100' of clean gassy oil,
90' of oil and gas cut mud. (10% gas, 25% oil, 65% mud)
FP 14-33# 47-71#
***ISIP 118# *FSIP 133#**
***Note: Recorded pressures are probably too low. Charts indicate possible leak in shut in tool.**

LKC "J" porosity 4335-4343': Limestone; cream to buff, fine to medium crystalline, mealy texture. Poor to fair inter-crystalline and pin-point porosity. Some poor vugular porosity. Fair show of free oil. Medium to bright fluorescence. Patchy to mostly saturated brown oil stain. Faint odor.

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Thrasher "B" #2-2
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04-16-03 TD 4345'. Circulating. Waiting on very high winds to subside before running DST #3.

DST #3 4325-4345' (LKC "J")
Open 30", SI 60", Open 60", SI 90"
Strong blow, OBB/9" on 1st open period.
Strong blow, OBB/20" on 2nd open period.
Recovered 330' of gas in pipe,
93' of clean gassy oil,
300' of mud cut gassy oil, (20% gas, 45% oil, 35% mud)
180' of sli gassy wtry oil cut mud, (10% gas, 20% oil, 50% mud, 20% wtr)
180' of sli mud cut water. (10% gas, 10% mud, 80% wtr) 39,500 ppm.
FP 96-249# 254-315#
ISIP 386# FSIP 384#

Lost circulation when back on bottom after DST #3. Mix mud and LCM. Regain circulation. Drill ahead.

04-17-03 TD 4360'. Drilling ahead.

LKC "K" porosity 4363-4370': Limestone; buff to gray, slightly fossiliferous, fine to medium crystalline, soft and mealy to good granular texture. Fair to good inter-crystalline and vugular porosity. Fair to good show of free oil. Medium to bright saturated fluorescence. Patchy to saturated brown oil stain. Good oil odor.

DST #4 4345-4370' (LKC "K")
Open 30", SI 60", Open 60", SI 90"
Weak blow, increased to 5" blow on 1st open period.
Weak blow, increased to 4½" blow on 2nd open period.
Recovered 30' of gas in pipe,
3' of oil,
120' of oil and gas cut mud, (10% gas, 10% oil, 80% mud)
117' of slightly gas and water cut mud, (5% gas, 75% mud, 20% wtr)
180' of slightly mud cut water. (39,000 ppm chlorides)
FP 47-128# 131-202#
ISIP 750# FSIP 662#

04-18-03 TD 4515'. Drilling ahead.

*McCoy Petroleum Corporation
Thrasher "B" #2-2
S/2 SE NE
Section 2-11S-34W
Logan County, Kansas*

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| SAMPLE TOPS | Structure compared to | |
|---|--|--|
| McCoy Petroleum Thrasher B #2-2 S/2 SE NE Sec. 2-11S-34W KB: 3203' | McCoy Petroleum Seele A #1-2 NE SE Sec. 2-11S-34W KB: 3208' | McCoy Petroleum Thrasher B #1-2 SE SW NE Sec. 2-11S-34W KB: 3208' |

| | | | |
|---------------|--------------|-----|------|
| Anhydrite | 2673 (+ 530) | - 1 | - 4 |
| Heebner | 4078 (- 875) | +2 | - 5 |
| Toronto | 4097 (- 894) | +1 | +1 |
| Lansing | 4118 (- 915) | +4 | - 1 |
| LKC "B" | 4150 (- 947) | +3 | - 1 |
| Muncie Creek | 4261 (-1058) | +1 | - 2 |
| LKC "H" | 4276 (-1073) | +3 | Flat |
| LKC "I" | 4310 (-1107) | +1 | - 2 |
| LKC "J" | 4330 (-1127) | +1 | - 2 |
| Stark Shale | 4347 (-1144) | +1 | - 2 |
| LKC "K" | 4360 (-1157) | +5 | - 2 |
| LKC "L" | 4391 (-1188) | +4 | +1 |
| Cherokee | 4596 (-1393) | - 3 | - 3 |
| Johnson | 4671 (-1468) | +2 | +1 |
| Mississippian | 4743 (-1540) | - 8 | - 2 |
| RTD | 4810 (-1607) | | |

04-14-03 TD 4095'. Drilling ahead.

Toronto porosity 4197-4104': Limestone; cream to buff, micro to finely crystalline, some mealy texture, mostly dense. 5% with poor inter-crystalline and scattered poor pin-point porosity, patchy brown oil stain and a slight show of free oil. Faint odor.

LKC "B" porosity 4150-4155': Limestone; cream to white, finely crystalline, some medium crystalline to granular. 15% with slight to fair show of free oil. Patchy brown oil stain. Dull fluorescence. Good odor. Note: Zone recovered water on DST from similar show and datum in #1-2 Seele "A" and #1-2 Thrasher "B".

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KANSAS DEPARTMENT OF CONSERVATION

JUN 27 2003

CONSERVATION DIVISION
WICHITA, KS

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WELL REPORT

*McCoy Petroleum Corporation
Thrasher 'B' #2-2
S/2 SE NE
Section 2-11S-34W
Logan County, Kansas
API #15-109-20,701*

MPC #765 (03-11)

Spud Date: 04-09-03

Monument NW Prospect

Contractor: Murfin Drilling Company, Inc. Rig #3

Geologist: Tim Lauer

Elevations: 3198' GL 3203' KB (All measurements from KB)

04-09-03 MIRT. Spud well at 3:30 PM. Drilled 12 1/4" hole to 271'. Deviation 1/2° @ 271'. Ran 6 jts. of new 8 5/8" 24# casing. Talley = 264.14'. Set at 271'. Allied cemented with 175 sx of Common with 2% gel and 3% CC. Plug down at 8:15 PM. Cement circulated. WOC.

04-10-03 TD 430'. Drilling ahead. Drilled out from surface at 4:15 AM.

04-11-03 TD 2050'. Drilling ahead.

04-12-03 TD 2990'. Drilling ahead. Driller's Anhydrite 2673-2701'.

04-13-03 TD 3530'. Drilling ahead.

ALLIED CEMENTING CO., INC. 12211

CONFIDENTIAL

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT: **ORIGINAL OAKLEY**

| | | | | | | | |
|----------------------------------|-------------------|-----------------------------------|-----------------|------------|----------------------------|--------------------------|---------------------------|
| DATE 4-9-03 | SEC. 2 | TWP. 11 | RANGE 34 | CALLED OUT | ON LOCATION 6:30 PM | JOB START 7:45 PM | JOB FINISH 8:15 PM |
| LEASE THRASHER "B" | WELL # 2-2 | LOCATION MONUMENT 2W-1/2 N | | | COUNTY LOGAN | STATE MO | |
| OLD OR (NEW) (Circle one) | | | | | | | |

JUN 27 2003

| | |
|---------------------------------------|---|
| CONTRACTOR MURFIN DRUG. RIG #3 | OWNER SAME |
| TYPE OF JOB SURFACE | CEMENT AMOUNT ORDERED 170 SKS COM 38CC 286CL |
| HOLE SIZE 12 1/4" | T.D. 271' |
| CASING SIZE 8 5/8" | DEPTH 271' |
| TUBING SIZE | DEPTH KCC |
| DRILL PIPE | DEPTH JUN 26 2003 |
| TOOL | DEPTH |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT CONFIDENTIAL |
| CEMENT LEFT IN CSG. 15' | COMMON 170 SKS @ 8 35/64 1419 50 |
| PERFS. | POZ MIX @ |
| DISPLACEMENT 16 1/4 BBL | GEL 3 SKS @ 10 3/4 30 50 |
| | CHLORIDE 6 SKS @ 30 3/8 180 50 |

EQUIPMENT

| | |
|-------------------------|-----------------------|
| PUMP TRUCK # 300 | CEMENTER TERRY |
| | HELPER WAYNE |
| BULK TRUCK # 315 | DRIVER LARRY |
| BULK TRUCK # | DRIVER |

| |
|---|
| HANDLING 170 SKS @ 1 15 195 50 |
| MILEAGE 054 PER SR / MELE 127 50 |
| TOTAL 1952 50 |

REMARKS:

CEMENT OEA CIRC. ✓

SERVICE

| |
|-----------------------------------|
| DEPTH OF JOB 271' |
| PUMP TRUCK CHARGE 580 50 |
| EXTRA FOOTAGE @ |
| MILEAGE 15 ME @ 3 50 52 50 |
| PLUG 8 5/8 SURFACE @ 45 50 |
| @ |
| @ |

THANK YOU

TOTAL 677 50

CHARGE TO: **McCOY PETROLEUM, CORP.**

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

| |
|---|
| @ |
| @ |
| @ |
| @ |
| @ |

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment

TOTAL

CONFIDENTIAL

ALLIED CEMENTING CO., INC. 12196

Federal Tax I.D.# [REDACTED]

ORIGINAL

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

KCC

SERVICE POINT:

Corkley

JUN 26 2003

| | | | | | | | |
|---------------------------|-------------------|-----------------|---|--------------------------------|----------------------------|---------------------------|---------------------------|
| DATE <u>4-20-03</u> | SEC. <u>2</u> | TWP. <u>11s</u> | RANGE <u>34w</u> | CALLED OUT <u>CONFIDENTIAL</u> | ON LOCATION <u>6:00 AM</u> | JOB START <u>12:00 PM</u> | JOB FINISH <u>1:00 PM</u> |
| LEASE <u>Thrasher "B"</u> | WELL # <u>2-2</u> | | LOCATION <u>Murphyment 2w 1/2 n w/3</u> | COUNTY <u>Logan</u> | STATE <u>KS</u> | | |
| OLD OR NEW (Circle one) | | | | | | | |

CONTRACTOR Murphy Drilling Rig 3

TYPE OF JOB Production String

HOLE SIZE 7 7/8" T.D. 4872'

CASING SIZE 5 1/2" DEPTH 4819.29'

TUBING SIZE --- DEPTH 4819.29'

DRILL PIPE DEPTH ---

TOOL Port Collar DEPTH 2742.16'

PRES. MAX 1200# MINIMUM ---

MEAS. LINE SHOE JOINT 43.81'

CEMENT LEFT IN CSG. 43.81'

PERFS. ---

DISPLACEMENT 116 1/2 Bbls

OWNER Same

CEMENT

AMOUNT ORDERED 500 gals WFR-2

240 sks ASC 15% Salt 2% Gel

5# Gilsomite Test, 1/4# Flo Seal

| | | | |
|---------------------------|---|--------------|----------------|
| <u>240 sks COMMON ASC</u> | @ | <u>9.85</u> | <u>2364.00</u> |
| POZMIX | @ | | |
| GEL <u>3 sks</u> | @ | <u>10.00</u> | <u>30.00</u> |
| CHLORIDE | @ | | |
| <u>Gilsomite 1200#</u> | @ | <u>5.00</u> | <u>600.00</u> |
| <u>Salt 28 sks</u> | @ | <u>7.50</u> | <u>210.00</u> |
| <u>Flo Seal 60#</u> | @ | <u>1.40</u> | <u>84.00</u> |
| <u>WFR-2 500 gals</u> | @ | <u>1.00</u> | <u>500.00</u> |
| HANDLING <u>240 sks</u> | @ | <u>1.15</u> | <u>276.00</u> |
| MILEAGE <u>59 sk/mile</u> | | | <u>180.00</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Dean

191 HELPER Andrew

BULK TRUCK

212 DRIVER Jarrod

BULK TRUCK

- DRIVER

KANSAS DIVISION
 RECEIVED
 JUN 27 2003
 RUSSELL, KANSAS

TOTAL 4244.00

REMARKS:

Pump 500 gals WFR-2.

Plug Rat Hole w/15 sks

Plug Mouse Hole w/10 sks

Pump 215 sks down 5 1/2 csg

Wash Trk & Line, Disp Plug down

Plug Landed release pressure

Plug Held yield 1.36 weight B.B

Water Trk Thank you

SERVICE

DEPTH OF JOB ---

PUMP TRUCK CHARGE 1130.00

EXTRA FOOTAGE @ ---

MILEAGE 1.5 miles @ 3.50 52.50

PLUG 5/2 Rubber @ --- 60.00

TOTAL 1242.50

CHARGE TO: McCoy Petroleum Corp

STREET ---

CITY --- STATE --- ZIP ---

1/2 FLOAT EQUIPMENT

| | | |
|-------------------------|---|---------------|
| <u>Guide Shoe</u> | @ | <u>150.00</u> |
| <u>AFU Float Collar</u> | @ | <u>235.00</u> |
| <u>10 Centralizers</u> | @ | <u>50.00</u> |
| <u>2 Baskets</u> | @ | <u>128.00</u> |
| <u>1 Port Collar</u> | @ | <u>175.00</u> |

TOTAL 2891.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment

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WELL REPORT

McCoy Petroleum Corporation
Thrasher "B" #2-2
S/2 SE NE
Section 2-11S-34W
Logan County, Kansas

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04-19-03 TD 4693'. Taking DST #5.

Johnson zone porosity 4678-4684': Limestone; buff to gray and brown, finely crystalline. 10% of sample with mealy texture and poor to fair inter-crystalline, pin-point and vugular porosity. Slight show of free oil. Patchy oil stain. No odor.

DST #5 4653-4693' (Johnson)
Open 30", SI 60", Open 60", SI 90"
Weak blow throughout both open periods. (Leak in head)
Recovered 20' of gas in pipe,
583' of total fluid as follows:
283' of clean oil,
120' of mud cut oil, (55% oil, 45% mud)
180' of oil cut mud. (20% oil, 80% mud)
FP 24-157# 170-245#
ISIP 566# FSIP 569#

04-20-03 RTD 4810'. LTD 4812'. Ran Rosel Dual Induction, Density-Neutron and Microlog. Ran 112 joints of new Maverick 5 1/2", 14#, J-55, R-3, ST&C casing. Talley = 4819'. Set casing 2' off bottom @ 4810' LTD. Top of shoe joint @ 4766'. Port collar @ 2742'. Centralizers on top of joints 1, 3, 5, 7, 9, 11, 13, 15, 18 and above port collar. Ran basket on 12th joint and below port collar. RU Allied. Pumped 500 gals of WFR-2 mud flush. Cemented with 215 sacks of ASC cement, 15% salt, 2% gel 5# gilsonite/sk and 1/4# floreal/sk. Yield 1.36 ft³/sk. Lift pressure 900#. Land plug at 1200#. Good circulation. Plug down at 1:00 PM. Rig released at 4:30 PM. **WOCT.**

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| ELECTRIC LOG TOPS | Structure compared to | |
|--|---|---|
| McCoy Petroleum Thrasher B #2-2 S/2 SE NE Sec. 2-11S-34W KB: 3203' | McCoy Petroleum Seele A #1-2 NE SE Sec. 2-11S-34W KB: 3208' | McCoy Petroleum Thrasher B #1-2 SE SW NE Sec. 2-11S-34W KB: 3208' |

| | | | |
|---------------|--------------|------|-----|
| Anhydrite | 2670 (+ 533) | +2 | - 1 |
| B/Anhydrite | 2698 (+ 505) | | - 3 |
| Heebner | 4079 (- 876) | +1 | - 6 |
| Toronto | 4102 (- 899) | - 4 | - 3 |
| Lansing | 4121 (- 918) | +1 | - 4 |
| LKC "B" | 4152 (- 949) | +1 | - 3 |
| Muncie Creek | 4262 (-1059) | Flat | - 3 |
| LKC "H" | 4280 (-1077) | - 1 | - 4 |
| LKC "I" | 4313 (-1110) | - 2 | - 5 |
| LKC "J" | 4334 (-1131) | - 3 | - 6 |
| Stark Shale | 4350 (-1147) | - 3 | - 5 |
| LKC "K" | 4362 (-1159) | +3 | - 4 |
| LKC "L" | 4395 (-1192) | Flat | - 4 |
| Pawnee | 4549 (-1346) | - 1 | - 6 |
| Cherokee | 4597 (-1394) | - 4 | - 4 |
| Johnson | 4678 (-1475) | - 5 | - 6 |
| Mississippian | 4746 (-1543) | -11 | - 5 |
| RTD | 4812 (-1609) | | |

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COMPLETION REPORT

05-05-03 MICT. Run 2-3/8" EUE YB tubing with port collar shifting tool.

05-06-03 Found port collar at 2700'. RU Allied Cementing. Pressure test casing to 1500#, held. Opened port collar. Pumped 50 Bbl water, no circulation or blow. Proceeded to cement casing for Alternate II compliance with 725 sacks of 60/40 Pozmix containing 8% gel, 1/4# Flocele/sk. No circulation or blow. Pumped 6 Bbl of displacement water and well began to circulate. Pumped an additional 250sx 60/40 Pozmix with additives. Circulation throughout. Circulated 10 bbl of slurry to pit. Displaced tubing with 10 Bbl water. Closed port collar. Tested casing to 1500#, held OK. Lower tubing 5 joints. Circulated hole clean. TOOH with tubing and port collar tool. RU Peak Wireline. Run GR-CCL-CBL log. Good bond across pay zones. TOC @ 3558'. Swab casing down to 4000'. **Perforated LKC "J" zone @ 4337' (1 shot) and LKC "I" zone 4316' (1 shot)** using a hollow steel carrier gun with 28 gm charges. SDON.

05-07-03 Slight blow on casing. TIH with 136 jts tubing & packer. Set packer at 4255'. Swabbed down and dry. Had difficulty getting packer to release. Lowered tubing to below bottom perforation. RU Heat Waves. Spot acid across perfs. **Acidized LKC "I" and "J" zones with 500 gallons of 15% FE-NE acid.** Max rate 5.35 BPM. Max pressure 2330#. ISIP 120#. On vacuum in 1 min. Made hourly swab test as follows. FL 2200' FS.

| Hour | Pulls | Barrels | Remarks | Fluid level |
|-----------------|-------|---------|--------------|-------------|
| 1 st | 4 | 10.00 | Wtr w/sli SO | 3800' |
| 2 nd | 4 | 5.00 | Wtr w/ fr SO | 4000' |
| 3 rd | 1 | | Good SO | 4000' |

TOOH with tubing and packer. RU Peak Wireline and proceed to **perforate the LKC "J" zone 4335' to 4339' (4' gun, 4 SPF) and the LKC "I" zone 4314' to 4320' (6' gun, 4 SPF).** TIH with packer and tubing. Set packer above top perforations. Made 2 pulls and recovered 5 bbls of water. FL 3800' FS. SDON.

05-08-03 FL 3700' FS. Ran swab.

| Hour | Pulls | Barrels | Remarks | Fluid level |
|-----------------|-------|---------|---------|-------------|
| 1 st | 4 | 5.00 | 8% oil | 4000' |
| 2 nd | 4 | 4.17 | 8% oil | 4000' |

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WELL REPORT

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Thrasher "B" #2-2
S/2 SE NE
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05-08-03(Cont'd) Lowered tubing to 4350'. RU Heat Waves. Circulated hole with 100 bbls of 2% KCL water. Spot acid across perfs. Raise and reset packer at 4286'.

Acidized LKC "I" and "J" zones with 2000 gallons of 15% FE-NE acid, using 40 ball sealers. Treated at 6 BPM and 2300#. Very slight ball action. ISIP 200#. Vacuum in 1 minute. TL 67 bbls. Ran swab and made hourly test as follows. FL 3500' FS.

| <u>Hour</u> | <u>Pulls</u> | <u>Barrels</u> | <u>Remarks</u> | <u>Fluid level</u> |
|-----------------|--------------|----------------|----------------|--------------------|
| 1 st | 4 | 14.42 | Tr of oil | |
| 2 nd | 4 | 6.68 | 40% oil | 3800' |
| 3 rd | 4 | 4.17 | 40% oil | 4000' |
| 4 th | 4 | 4.17 | 40% oil | 4000' |
| 5 th | 4 | 5.01 | 40% oil | 4000' |
| 6 th | 4 | 4.17 | 40% oil | 4000' |
| 7 th | 4 | 3.34 | 40% oil | 4000' |

Recovered 42 bbls of 67 bbl load. SDON.

05-09-03 Ran swab. FL 3800' FS. Swabbed 1 hour and recovered 5 BF, 48% oil. FL 4000' FS. POOH with tubing and packer. RU Peak Wireline and **perforate Johnson zone from 4679' to 4683' (4' gun, 4 SPF)**. TIH with tubing and packer. Set packer at 4670'. FL 3400' FS. Swabbed for 1 hour. Recovered 4.17 BF. Swabbed dry. FL 4600' FS. RU Heat Waves. Lowered tubing and spot acid across perfs. Raise and reset packer at 4670'. **Acidized Johnson zone with 1000 gallons of 15% FE-NE acid.** Treated at 5 BPM. Max pressure 1520#. ISIP 120#. On vacuum in 30 seconds. TL 44 bbls. Ran swab. FL 800' FS. Made hourly swab test as follows.

| <u>Hour</u> | <u>Pulls</u> | <u>Barrels</u> | <u>Remarks</u> | <u>Fluid level</u> |
|-----------------|--------------|----------------|----------------|--------------------|
| 1 st | 4 | 20.04 | GSO | 3800' |
| 2 nd | 4 | 8.77 | 90% oil | 4100' |
| 3 rd | 4 | 6.44 | 90% oil | 4200' |
| 4 th | 4 | 6.44 | 90% oil | 4200' |

SDOWE.

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ORIGINAL

WELL REPORT

**McCoy Petroleum Corporation
Thrasher "B" #2-2
S/2 SE NE
Section 2-11S-34W
Logan County, Kansas**

**KCC
JUN 26 2003**

Page 9

CONFIDENTIAL

05-12-03 FL 3500' FS. Swab 1 hour. Recovered 11.00 BF, 95% oil (Johnson). Release packer to swab load water from backside and test all zones together. Made hourly swab test as follows.

| <u>Hour</u> | <u>Pulls</u> | <u>Barrels</u> | <u>Remarks</u> | <u>Fluid level</u> |
|-----------------|--------------|----------------|----------------|--------------------|
| 1 st | | 8.78 | Tr of oil | 3800' |
| 2 nd | | 9.36 | 10% oil | 4000' |
| 3 rd | | 8.77 | 30% oil | 4100' |
| 4 th | | 7.61 | 40% oil | 4100' |
| 5 th | | 9.36 | 50% oil | 4100' |
| 6 th | | 8.19 | 50% oil | 4100' |

Released packer. POOH with tubing and packer.

05-13-03 RIH with 30' OPMA, 3' PN, 1.1' SN, 149 jts. 2 3/8" YB tubing. Tubing tally = 4727.64. Set tubing at 4730.6' KB. RIH with 1"x12' gas anchor, 2"x1 1/2"x18' RWTC pump, 2"x3/4" sub, 186 new 3/4" rods, an 8', 6', 4', 2', 2' 3/4" rod subs, 1 1/4"x22' polish rod and 1 1/2"x10' polish rod liner. RD.

05-14-03 Built pad and set pumping unit. Built wellhead and laid flowline.

05-15-03 Finishing connections. Expect to start up late today.

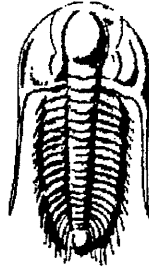
05-16-03 **Start up well at 12:00. See Thrasher B #1 report for lease production.**
FINAL REPORT.

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KANSAS CORP. & ASSOCIATION

JUN 27 2003

ORIGINAL
CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

KCC

JUN 26 2003

CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp.**

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp.

2-11-34 Logan, Ks

Thrasher B #2-2

Start Date: 2003.04.15 @ 01:02:37

End Date: 2003.04.15 @ 08:58:05

Job Ticket #: 16221 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petro Corp.

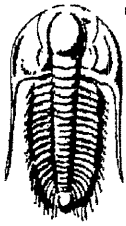
Thrasher B #2-2

2-11-34 Logan, Ks

DST # 1

"H"

2003.04.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

ATTN: McCoy Petro Corp.

Job Ticket: 16221

DST#: 1

Test Start: 2003.04.15 @ 01:02:37

GENERAL INFORMATION:

Formation: "H"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:07:05

Time Test Ended: 08:58:05

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4266.00 ft (KB) To 4290.00 ft (KB) (TVD)

Reference Elevations: 2203.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

2198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 2341

Inside

Press@RunDepth: 104.44 psig @ 4267.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.04.15

End Date:

2003.04.15

Last Calib.: 1899.12.30

Start Time: 01:02:37

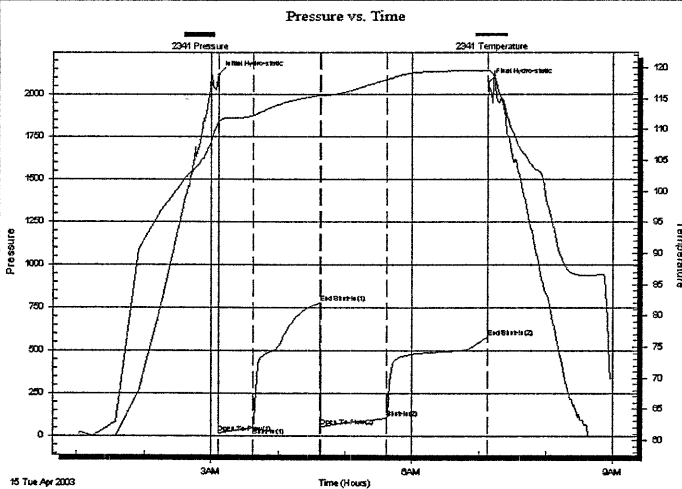
End Time:

08:58:05

Time On Btm: 2003.04.15 @ 03:06:50

Time Off Btm: 2003.04.15 @ 07:08:20

TEST COMMENT: 1/2" in @ open built to 1 1/2" in
No return
Surface blow in 4 min blew throughout
No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2114.90 | 111.25 | Initial Hydro-static |
| 1 | 14.00 | 111.32 | Open To Flow (1) |
| 32 | 48.47 | 112.32 | Shut-In(1) |
| 91 | 776.05 | 115.57 | End Shut-In(1) |
| 91 | 53.77 | 115.60 | Open To Flow (2) |
| 151 | 104.44 | 118.16 | Shut-In(2) |
| 241 | 578.67 | 119.57 | End Shut-In(2) |
| 242 | 2072.70 | 119.59 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------------|--------------|
| 1.00 | free oil 100%oil | 0.00 |
| 184.00 | m c w /trace of oil 20%m 80%w trace | 0.90 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16221

DST#: 1

ATTN: McCoy Petro Corp.

Test Start: 2003.04.15 @ 01:02:37

Tool Information

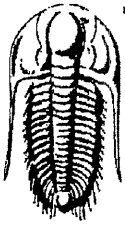
| | | | | |
|---------------------------|--------------------|-------------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3712.00 ft | Diameter: 3.80 inches | Volume: 52.07 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 543.00 ft | Diameter: 2.25 inches | Volume: 2.67 bbl | Weight to Pull Loose: 80000.00 lb |
| | | Total Volume: 54.74 bbl | | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 11.00 ft | | | String Weight: Initial 58000.00 lb |
| Depth to Top Packer: | 4266.00 ft | | | Final 59000.00 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 |
|------------------|-------------|------------|----------|------------|-------------------------------|
| C.O. Sub | 1.00 | | | 4245.00 | |
| S.I. Tool | 5.00 | | | 4250.00 | |
| HMV | 5.00 | | | 4255.00 | |
| Safety Joint | 2.00 | | | 4257.00 | |
| Packer | 5.00 | | | 4262.00 | 22.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4266.00 | |
| Stubb | 1.00 | | | 4267.00 | |
| Recorder | 0.00 | 2341 | Inside | 4267.00 | |
| Perforations | 18.00 | | | 4285.00 | |
| Recorder | 0.00 | 11058 | Outside | 4285.00 | |
| Bullnose | 5.00 | | | 4290.00 | 24.00 Bottom Packers & Anchor |

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16221

DST#: 1

ATTN: McCoy Petro Corp.

Test Start: 2003.04.15 @ 01:02:37

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:

43000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.09 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------------------|---------------|
| 1.00 | free oil 100%oil | 0.005 |
| 184.00 | m c w w/trace of oil 20%m 80%w trace | 0.905 |

Total Length: 185.00 ft Total Volume: 0.910 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

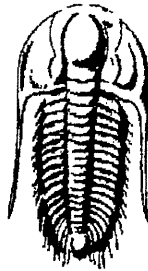
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JUN 26 2003

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp.**

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp.

2-11-34 Logan, Ks

Thrasher B #2-2

Start Date: 2003.04.15 @ 17:09:31

End Date: 2003.04.16 @ 01:23:14

Job Ticket #: 16222 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petro Corp.

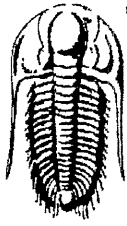
Thrasher B #2-2

2-11-34 Logan, Ks

DST # 2

"1"

2003.04.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16222

DST#: 2

ATTN: McCoy Petro Corp.

Test Start: 2003.04.15 @ 17:09:31

GENERAL INFORMATION:

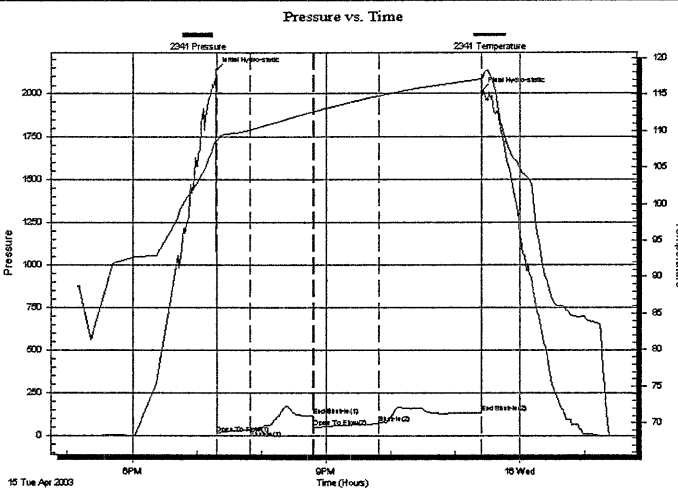
Formation: "I"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:17:59
 Time Test Ended: 01:23:14
 Interval: 4296.00 ft (KB) To 4325.00 ft (KB) (TVD)
 Total Depth: 4325.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 25
 Reference Elevations: 2203.00 ft (KB)
 2198.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 2341

Inside

Press@RunDepth: 71.98 psig @ 4297.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2003.04.15 End Date: 2003.04.16 Last Calib.: 1899.12.30
 Start Time: 17:09:31 End Time: 01:23:14 Time On Btm: 2003.04.15 @ 19:17:44
 Time Off Btm: 2003.04.15 @ 23:24:14

TEST COMMENT: Surface blow built to 1 1/4" in
 No return
 1/2" in @ open built to 2 1/2" in
 Bleed off for 3 min, surface return in 8 min died in 35 min



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2136.67 | 108.60 | Initial Hydro-static |
| 1 | 14.06 | 108.66 | Open To Flow (1) |
| 32 | 33.45 | 110.15 | Shut-In(1) |
| 91 | 118.38 | 112.61 | End Shut-In(1) |
| 92 | 47.70 | 112.63 | Open To Flow (2) |
| 151 | 71.98 | 114.78 | Shut-In(2) |
| 246 | 133.34 | 117.10 | End Shut-In(2) |
| 247 | 2011.23 | 117.13 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 100.00 | c g o 15%g 85%o | 0.49 |
| 90.00 | s g o c m 10%g 25%o 65%m | 0.44 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16222

DST#: 2

ATTN: McCoy Petro Corp.

Test Start: 2003.04.15 @ 17:09:31

Mud and Cushion Information

| | | |
|-----------------------------------|----------------------------|--------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 39 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 7000 ppm |
| Viscosity: 48.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 10.33 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 7000.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

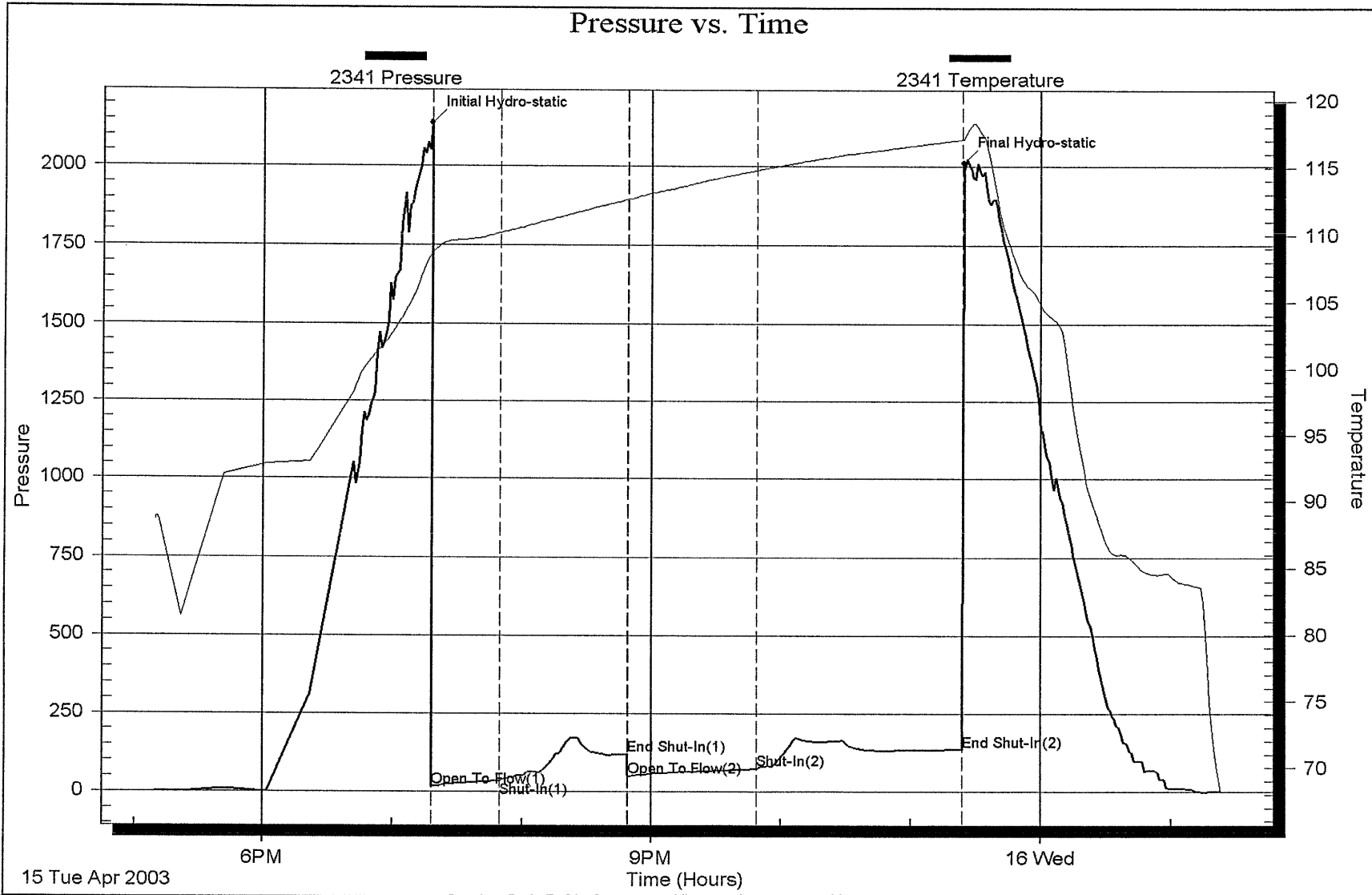
| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 100.00 | c g o 15%g 85%o | 0.492 |
| 90.00 | s g o c m 10%g 25%o 65%m | 0.443 |

Total Length: 190.00 ft Total Volume: 0.935 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



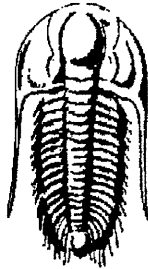
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JUN 26 2003

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp.**

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp.

2-11-34 Logan, Ks

Thrasher B #2-2

Start Date: 2003.04.16 @ 13:18:35

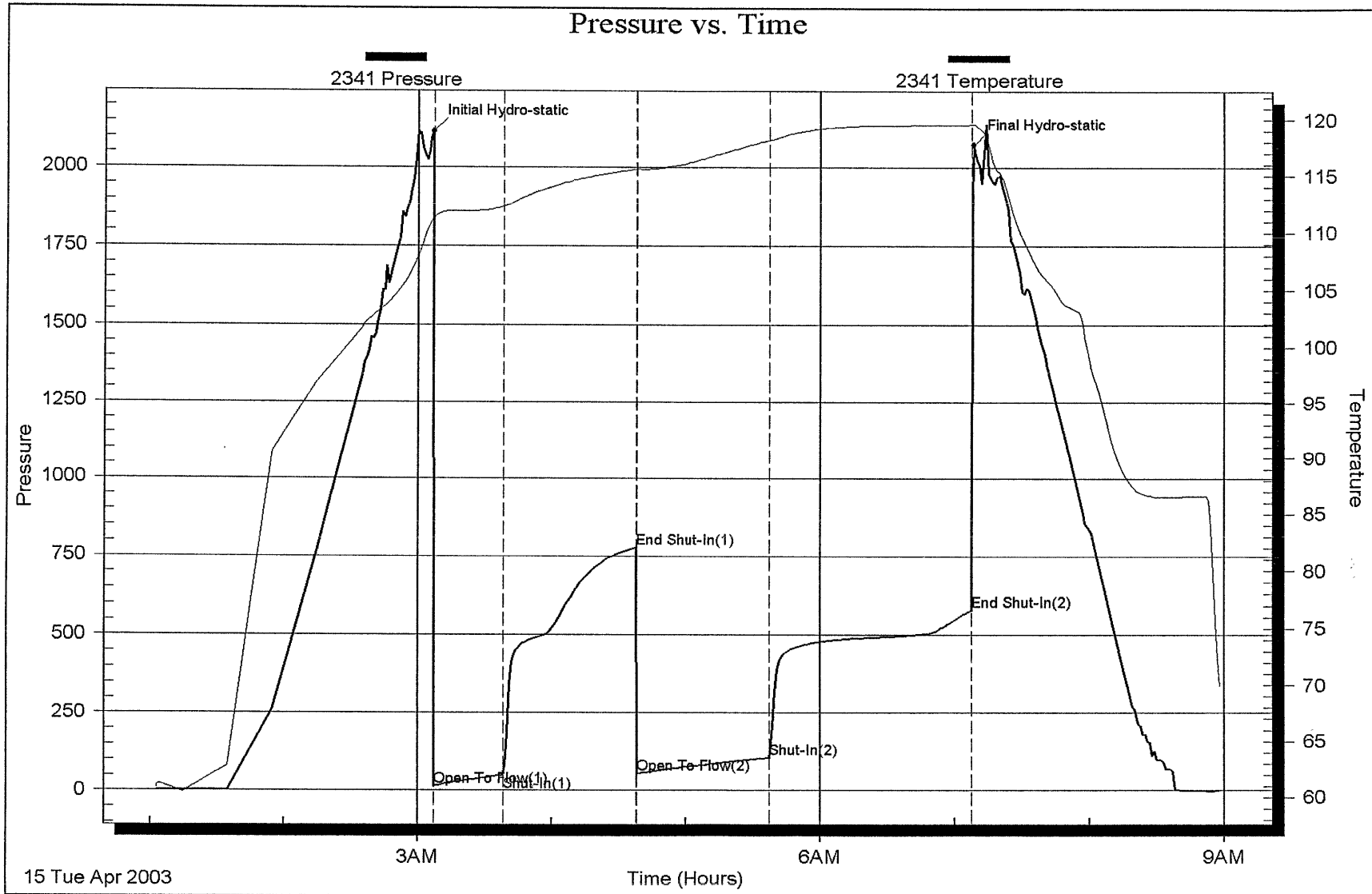
End Date: 2003.04.16 @ 22:21:03

Job Ticket #: 16223 DST #: 3

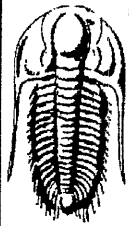
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



15 Tue Apr 2003



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petro Corp.

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp.

Thrasher B #2-2

2-11-34 Logan, Ks

Job Ticket: 16223

DST#: 3

Test Start: 2003.04.16 @ 13:18:35

GENERAL INFORMATION:

Formation: "J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:08:48

Time Test Ended: 22:21:03

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4325.00 ft (KB) To 4345.00 ft (KB) (TVD)

Total Depth: 4345.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2203.00 ft (KB)

2198.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2341

Inside

Press@RunDepth: 315.81 psig @ 4326.00 ft (KB)

Start Date: 2003.04.16

End Date:

2003.04.16

Start Time: 13:18:35

End Time:

22:21:03

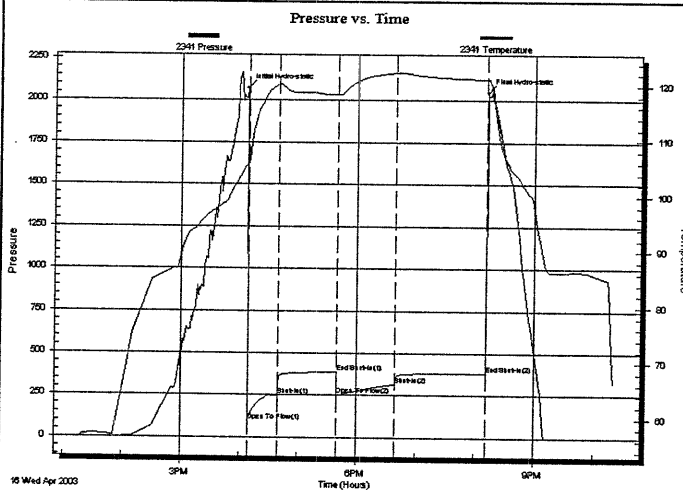
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.04.16 @ 16:07:48

Time Off Btm: 2003.04.16 @ 20:12:03

TEST COMMENT: 3" in. @ open, B.O.B. in 9 min.
Bleed off for 2 min. No return
1/2" in. @ open, B.O.B. in 20 min.
Bleed off for 3 min. 3 1/2" in return blow



PRESSURE SUMMARY

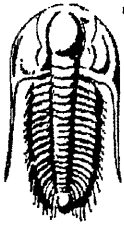
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2074.82 | 105.76 | Initial Hydro-static |
| 1 | 96.37 | 105.91 | Open To Flow (1) |
| 32 | 249.94 | 120.22 | Shut-In (1) |
| 92 | 386.67 | 118.39 | End Shut-In (1) |
| 93 | 254.91 | 118.38 | Open To Flow (2) |
| 152 | 315.81 | 122.37 | Shut-In (2) |
| 244 | 384.31 | 121.24 | End Shut-In (2) |
| 245 | 2050.99 | 121.26 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------------|--------------|
| 93.00 | c g o 25%g 75%o | 0.46 |
| 300.00 | g m c o 20%g 35%m 45%o | 1.48 |
| 180.00 | s g & w o c m 10%g 20%w 20%o 50%r | 1.16 |
| 180.00 | s m c g w 10%m 10%g 80%w | 2.52 |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mc/d) |
|--|----------------|-----------------|-----------------|
| | | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16223

DST#: 3

ATTN: McCoy Petro Corp.

Test Start: 2003.04.16 @ 13:18:35

Tool Information

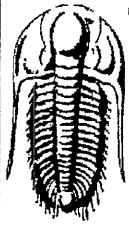
| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3776.00 ft | Diameter: 3.80 inches | Volume: 52.97 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 543.00 ft | Diameter: 2.25 inches | Volume: 2.67 bbl | Weight to Pull Loose: 80000.00 lb |
| | | Total Volume: | 55.64 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 16.00 ft | | | String Weight: Initial 58000.00 lb |
| Depth to Top Packer: | 4325.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 20.00 ft | | | |
| Tool Length: | 42.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| C.O. Sub | 1.00 | | | 4304.00 | |
| S.I. Tool | 5.00 | | | 4309.00 | |
| HMV | 5.00 | | | 4314.00 | |
| Safety Joint | 2.00 | | | 4316.00 | |
| Packer | 5.00 | | | 4321.00 | 22.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4325.00 | |
| Stubb | 1.00 | | | 4326.00 | |
| Recorder | 0.00 | 2341 | Inside | 4326.00 | |
| Perforations | 14.00 | | | 4340.00 | |
| Recorder | 0.00 | 11058 | Outside | 4340.00 | |
| Bullnose | 5.00 | | | 4345.00 | 20.00 Bottom Packers & Anchor |

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16223

DST#: 3

ATTN: McCoy Petro Corp.

Test Start: 2003.04.16 @ 13:18:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

39500 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.34 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|-----------------------------------|---------------|
| 93.00 | c g o 25%g 75%o | 0.457 |
| 300.00 | g m c o 20%g 35%m 45%o | 1.475 |
| 180.00 | s g & w o c m 10%g 20%w 20%o 50%m | 1.158 |
| 180.00 | s m c g w 10%m 10%g 80%w | 2.525 |

Total Length: 753.00 ft

Total Volume: 5.615 bbl

Num Fluid Samples: 0

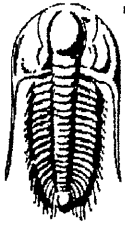
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16222

DST#: 2

ATTN: McCoy Petro Corp.

Test Start: 2003.04.15 @ 17:09:31

Tool Information

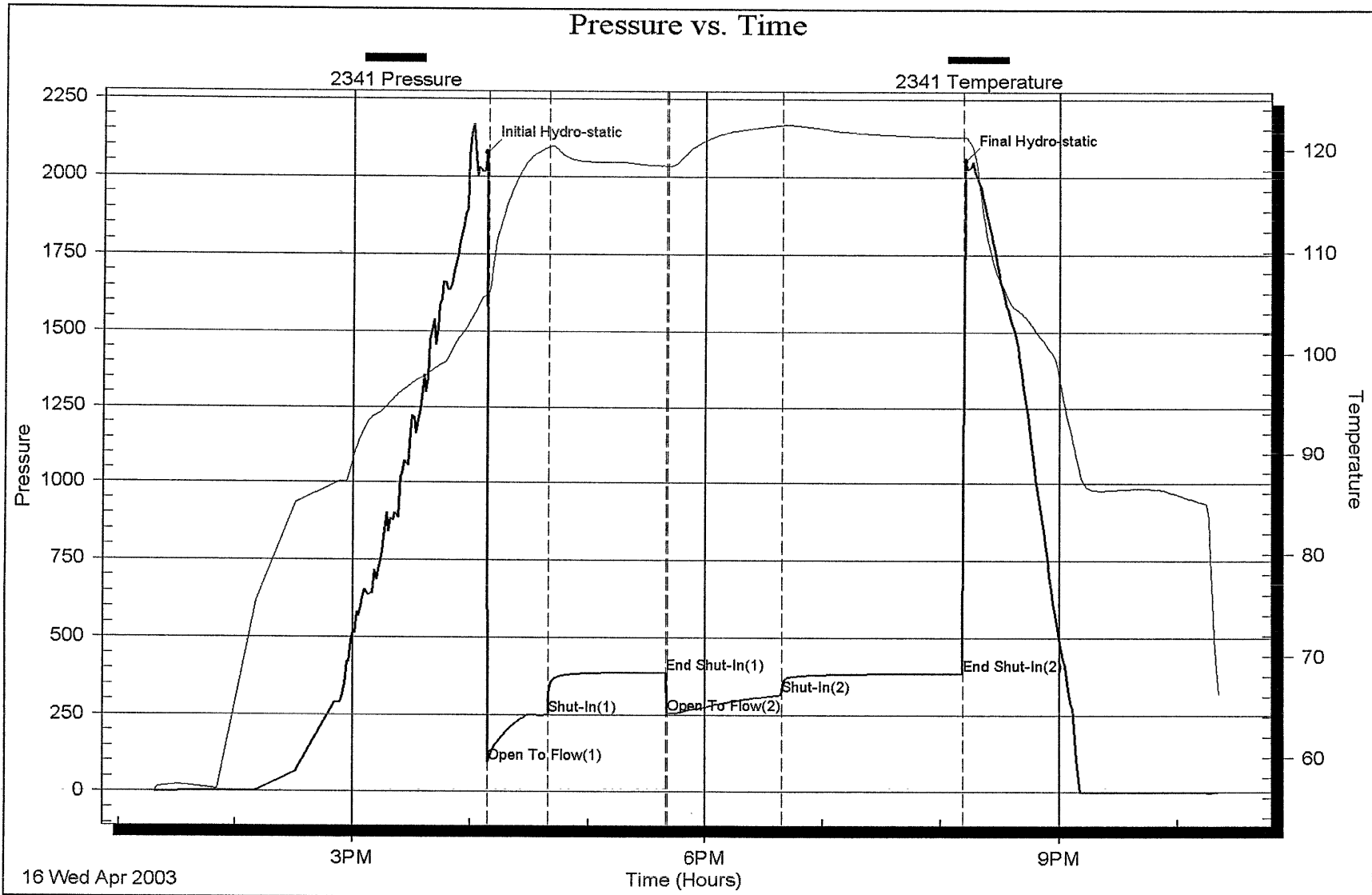
| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3744.00 ft | Diameter: 3.80 inches | Volume: 52.52 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 543.00 ft | Diameter: 2.25 inches | Volume: 2.67 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | Total Volume: 55.19 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 13.00 ft | | | String Weight: Initial 58000.00 lb |
| Depth to Top Packer: | 4296.00 ft | | | Final 59000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 29.00 ft | | | |
| Tool Length: | 51.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| C.O. Sub | 1.00 | | | 4275.00 | |
| S.I. Tool | 5.00 | | | 4280.00 | |
| HMV | 5.00 | | | 4285.00 | |
| Safety Joint | 2.00 | | | 4287.00 | |
| Packer | 5.00 | | | 4292.00 | 22.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4296.00 | |
| Stubb | 1.00 | | | 4297.00 | |
| Recorder | 0.00 | 2341 | Inside | 4297.00 | |
| Perforations | 23.00 | | | 4320.00 | |
| Recorder | 0.00 | 11058 | Outside | 4320.00 | |
| Bullnose | 5.00 | | | 4325.00 | 29.00 Bottom Packers & Anchor |

Total Tool Length: 51.00



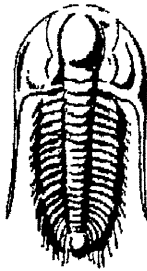
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp.**

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp.

2-11-34 Logan, Ks

Thrasher B #2-2

Start Date: 2003.04.17 @ 10:24:26

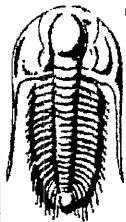
End Date: 2003.04.17 @ 18:20:09

Job Ticket #: 16224 DST #: 4

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.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16224

DST#: 4

ATTN: McCoy Petro Corp.

Test Start: 2003.04.17 @ 10:24:26

GENERAL INFORMATION:

Formation: "K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:23:09

Time Test Ended: 18:20:09

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4345.00 ft (KB) To 4370.00 ft (KB) (TVD)

Reference Elevations: 2203.00 ft (KB)

Total Depth: 4370.00 ft (KB) (TVD)

2198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 2341 Inside

Press@RunDepth: 202.37 psig @ 4346.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.04.17

End Date:

2003.04.17

Last Calib.: 1899.12.30

Start Time: 10:24:26

End Time:

18:20:09

Time On Btm: 2003.04.17 @ 12:21:39

Time Off Btm: 2003.04.17 @ 16:25:39

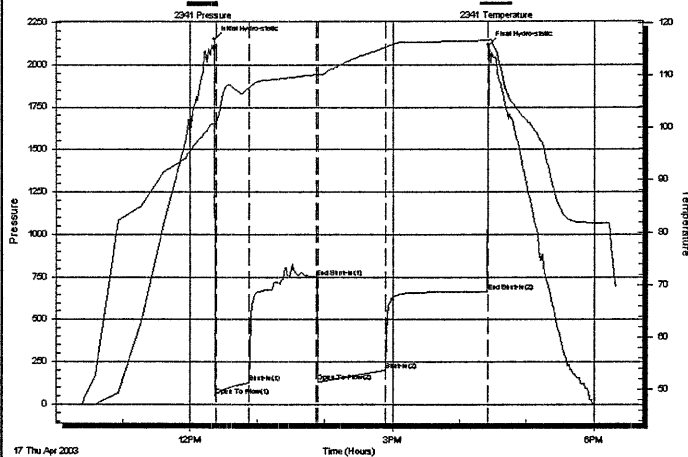
TEST COMMENT: 1/2" in @ open, built to 6" in.

No return

Surface Blow in 2 min. built to 4 1/2" in.

No return

Pressure vs. Time



PRESSURE SUMMARY

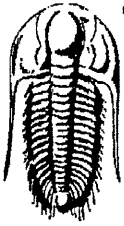
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2149.92 | 100.84 | Initial Hydro-static |
| 2 | 47.92 | 100.86 | Open To Flow (1) |
| 32 | 128.21 | 107.69 | Shut-In (1) |
| 91 | 750.00 | 110.19 | End Shut-In (1) |
| 93 | 131.54 | 110.25 | Open To Flow (2) |
| 152 | 202.37 | 115.41 | Shut-In (2) |
| 244 | 662.70 | 116.75 | End Shut-In (2) |
| 244 | 2115.76 | 116.79 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------------|--------------|
| 3.00 | s g o 10%g 90%o | 0.01 |
| 120.00 | s g & o c m 10%g 10%o 80%m | 0.59 |
| 117.00 | s g & w c m w/trace of oil 5%g 20%w | 70.58 |
| 180.00 | s m c w 15%m 85%w w/oil spots | 0.89 |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16224

DST#: 4

ATTN: McCoy Petro Corp.

Test Start: 2003.04.17 @ 10:24:26

Tool Information

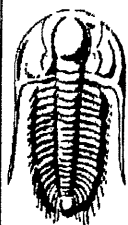
| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3808.00 ft | Diameter: 3.80 inches | Volume: 53.42 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 543.00 ft | Diameter: 2.25 inches | Volume: 2.67 bbl | Weight to Pull Loose: 82000.00 lb |
| | | | <u>Total Volume: 56.09 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 28.00 ft | | | String Weight: Initial 59000.00 lb |
| Depth to Top Packer: | 4345.00 ft | | | Final 61000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 25.00 ft | | | |
| Tool Length: | 47.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| C.O. Sub | 1.00 | | | 4324.00 | |
| S.I. Tool | 5.00 | | | 4329.00 | |
| HMV | 5.00 | | | 4334.00 | |
| Safety Joint | 2.00 | | | 4336.00 | |
| Packer | 5.00 | | | 4341.00 | 22.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4345.00 | |
| Stubb | 1.00 | | | 4346.00 | |
| Recorder | 0.00 | 2341 | Inside | 4346.00 | |
| Perforations | 19.00 | | | 4365.00 | |
| Recorder | 0.00 | 11058 | Outside | 4365.00 | |
| Bullnose | 5.00 | | | 4370.00 | 25.00 Bottom Packers & Anchor |

Total Tool Length: 47.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16224

DST#: 4

ATTN: McCoy Petro Corp.

Test Start: 2003.04.17 @ 10:24:26

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: | 39000 ppm |
| Viscosity: 59.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 10.35 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 10000.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--|---------------|
| 3.00 | s g o 10%g 90%o | 0.015 |
| 120.00 | s g & o c m 10%g 10%o 80%m | 0.590 |
| 117.00 | s g & w c m w/trace of oil 5%g 20%w 75 | 0.575 |
| 180.00 | s m c w 15%m 85%w w/oil spots | 0.885 |

Total Length: 420.00 ft Total Volume: 2.065 bbl

Num Fluid Samples: 0

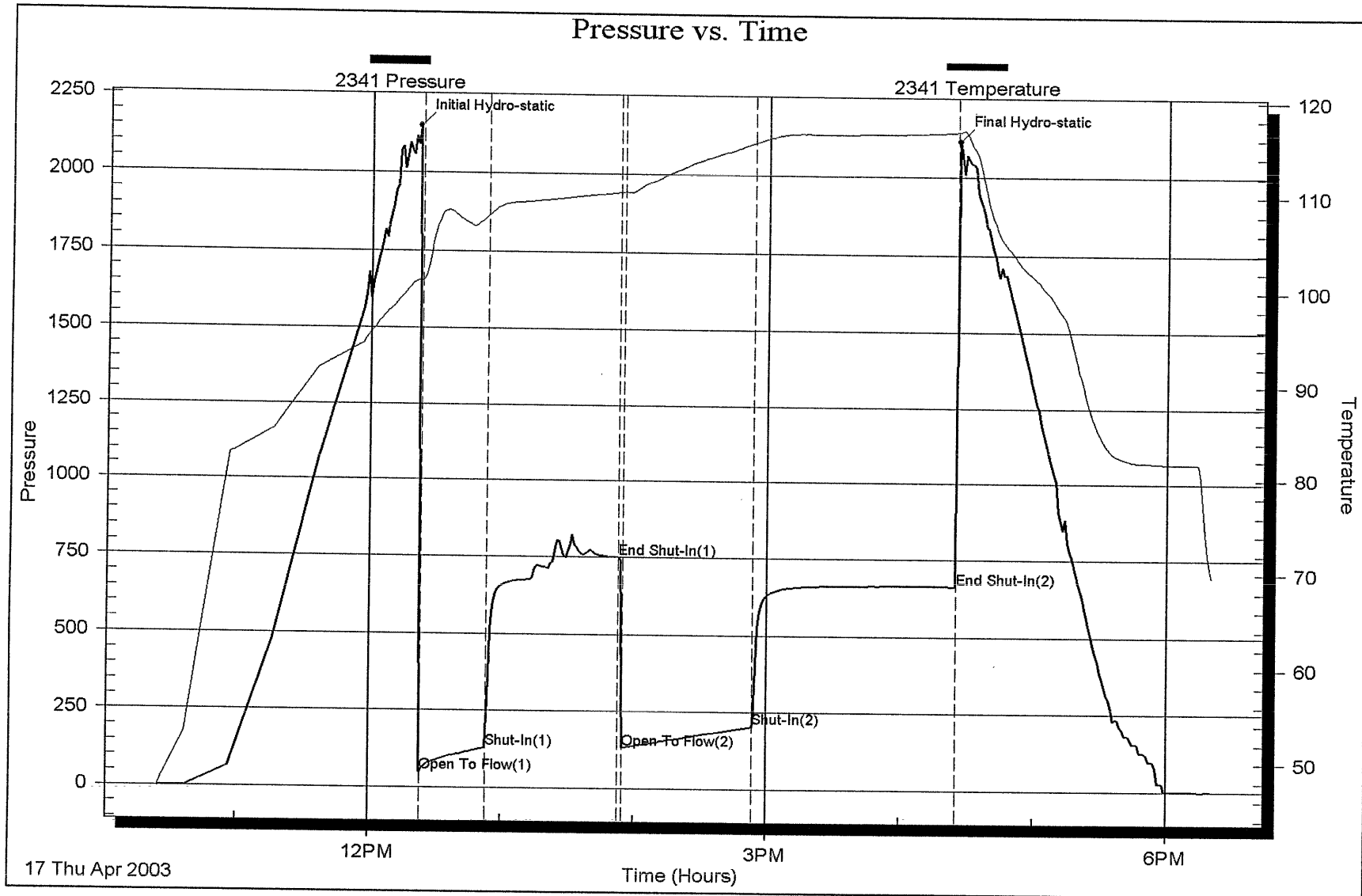
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



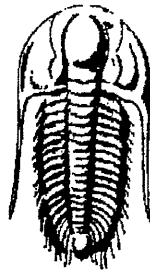
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp.**

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp.

2-11-34 Logan, Ks

Thrasher B #2-2

Start Date: 2003.04.18 @ 23:01:42

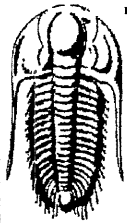
End Date: 2003.04.19 @ 07:24:40

Job Ticket #: 16225 DST #: 5

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.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16225

DST#: 5

ATTN: McCoy Petro Corp.

Test Start: 2003.04.18 @ 23:01:42

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:01:40

Time Test Ended: 07:24:40

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **4653.00 ft (KB) To 4693.00 ft (KB) (TVD)**

Reference Elevations: 2203.00 ft (KB)

Total Depth: 4693.00 ft (KB) (TVD)

2198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 2341

Inside

Press@RunDepth: 245.31 psig @ 4654.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.04.18

End Date: 2003.04.19

Last Calib.: 1899.12.30

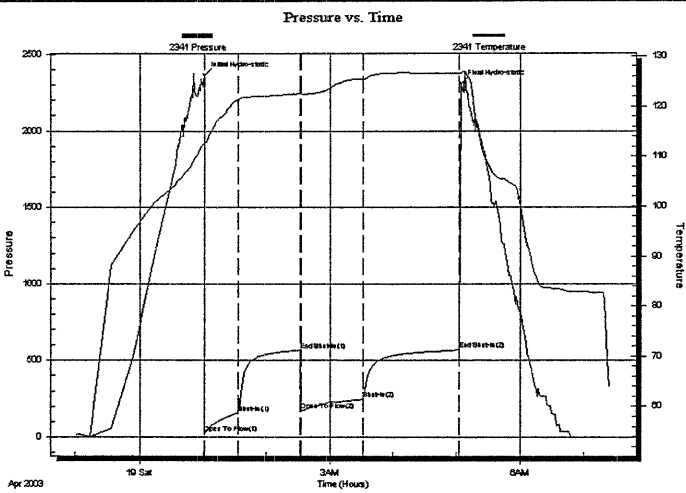
Start Time: 23:01:42

End Time: 07:24:40

Time On Btm: 2003.04.19 @ 01:00:55

Time Off Btm: 2003.04.19 @ 05:03:55

TEST COMMENT: 1/2" in. @ open built to 3" in. , died back to 1 1/2" in.
No return
1/2" in. @ open , died back to a surface blow
No return {Hose came loose on head manifold}



PRESSURE SUMMARY

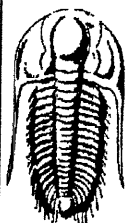
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2365.76 | 112.62 | Initial Hydro-static |
| 1 | 24.59 | 112.77 | Open To Flow (1) |
| 33 | 157.63 | 121.41 | Shut-In(1) |
| 92 | 566.53 | 122.50 | End Shut-In(1) |
| 92 | 170.67 | 122.50 | Open To Flow (2) |
| 151 | 245.31 | 125.47 | Shut-In(2) |
| 242 | 569.31 | 126.58 | End Shut-In(2) |
| 243 | 2308.50 | 126.61 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------|--------------|
| 180.00 | o c m 20%o 80%m | 0.89 |
| 120.00 | m c o 45%m55%o | 0.59 |
| 283.00 | s g o 7%g 93%o | 1.76 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

ATTN: McCoy Petro Corp.

Job Ticket: 16225

DST#: 5

Test Start: 2003.04.18 @ 23:01:42

Tool Information

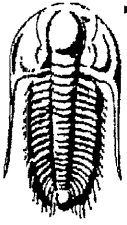
| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4117.00 ft | Diameter: 3.80 inches | Volume: 57.75 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 543.00 ft | Diameter: 2.25 inches | Volume: 2.67 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 60.42 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 29.00 ft | | | String Weight: Initial 62000.00 lb |
| Depth to Top Packer: | 4653.00 ft | | | Final 63000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 40.00 ft | | | |
| Tool Length: | 62.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| C.O. Sub | 1.00 | | | 4632.00 | |
| S.I. Tool | 5.00 | | | 4637.00 | |
| HMV | 5.00 | | | 4642.00 | |
| Safety Joint | 2.00 | | | 4644.00 | |
| Packer | 5.00 | | | 4649.00 | 22.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4653.00 | |
| Stubb | 1.00 | | | 4654.00 | |
| Recorder | 0.00 | 2341 | Inside | 4654.00 | |
| Perforations | 34.00 | | | 4688.00 | |
| Recorder | 0.00 | 11058 | Outside | 4688.00 | |
| Bullnose | 5.00 | | | 4693.00 | 40.00 Bottom Packers & Anchor |

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp.

Thrasher B #2-2

PO Box 780208
Wichita, Ks 67278

2-11-34 Logan, Ks

Job Ticket: 16225

DST#: 5

ATTN: McCoy Petro Corp.

Test Start: 2003.04.18 @ 23:01:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

9000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------|---------------|
| 180.00 | o c m 20%o 80%m | 0.885 |
| 120.00 | m c o 45%m55%o | 0.590 |
| 283.00 | s g o 7%g 93%o | 1.756 |

Total Length: 583.00 ft

Total Volume: 3.231 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

