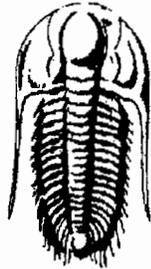


KCC

JUL 28 2004

CONFIDENTIAL



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **McCoy Petro**

8080 E. Central, Suite 300  
Wichita, Ks 67206

ATTN: McCoy Petro

**7-11-33 Logan, Ks**

**Nolette A #1-7**

Start Date: 2004.07.05 @ 15:30:16

End Date: 2004.07.05 @ 01:40:25

Job Ticket #: 19094                      DST #: 1

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petro

Nolette A #1-7

7-11-33 Logan, Ks

DST # 1

K

2004.07.05





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petro

**Nolette A #1-7**

8080 E. Central, Suite 300  
Wichita, Ks 67206

**7-11-33 Logan, Ks**

Job Ticket: 19094

**DST#: 1**

ATTN: McCoy Petro

Test Start: 2004.07.05 @ 15:30:16

### Tool Information

Drill Pipe:	Length: 4223.00 ft	Diameter: 3.80 inches	Volume: 59.24 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4354.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4337.00	
Shut In Tool	5.00			4342.00	
Hydraulic tool	5.00			4347.00	
Safety Joint	2.00			4349.00	
Packer	5.00			4354.00	18.00 Bottom Of Top Packer
Packer - Shale	4.00			4358.00	
Stubb	1.00			4359.00	
Recorder	0.00	6720	Inside	4359.00	
Perforations	5.00			4364.00	
Recorder	0.00	2023	Outside	4364.00	
Bullnose	5.00			4369.00	15.00 Anchor Tool

**Total Tool Length: 33.00**



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

### FLUID SUMMARY

McCoy Petro  
8080 E. Central, Suite 300  
Wichita, Ks 67206  
ATTN: McCoy Petro

**Nulette A #1-7**  
**7-11-33 Logan, Ks**  
Job Ticket: 19094      **DST#: 1**  
Test Start: 2004.07.05 @ 15:30:16

#### 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:	34000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
355.00	water	3.887
120.00	s m c w	1.683
1.00	free oil	0.014

Total Length: 476.00 ft      Total Volume: 5.584 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 6720

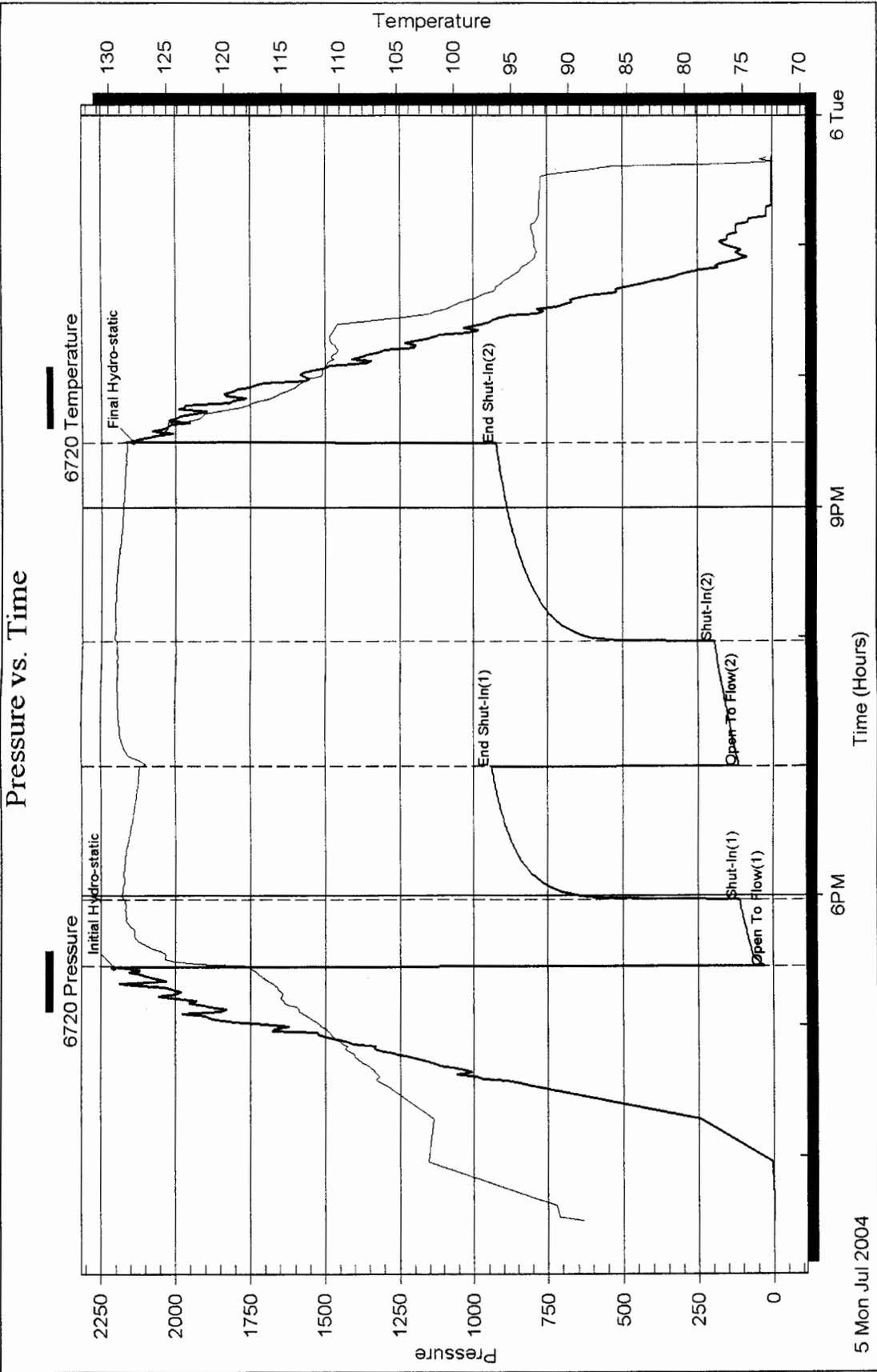
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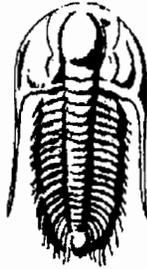
McCoy Petro

7-11-33 Logan, Ks

DST Test Number: 1

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **McCoy Petro**

8080 E. Central, Suite 300  
Wichita, Ks 67206

ATTN: McCoy Petro

**7-11-33 Logan, Ks**

**Nolette A #1-7**

Start Date: 2004.07.07 @ 09:25:35

End Date: 2004.07.07 @ 16:35:29

Job Ticket #: 19095                      DST #: 2

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

 <b>TRILOBITE TESTING, INC</b>	<b>DRILL STEM TEST REPORT</b>	
	McCoy Petro 8080 E. Central, Suite 300 Wichita, Ks 67206 ATTN: McCoy Petro	Nulette A #1-7 7-11-33 Logan, Ks Job Ticket: 19095      DST#: 2 Test Start: 2004.07.07 @ 09:25:35

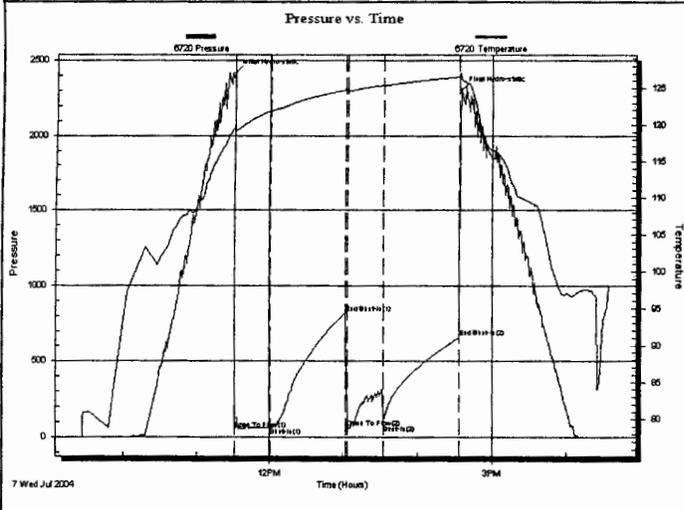
**GENERAL INFORMATION:**

Formation: <b>Johnson</b>	Test Type: Conventional Bottom Hole
Deviated: No    Whipstock:                      ft (KB)	Tester: Shane McBride
Time Tool Opened: 11:31:45	Unit No: 25
Time Test Ended: 16:35:29	Reference Elevations: 3177.00 ft (KB)
<b>Interval: 4648.00 ft (KB) To 4710.00 ft (KB) (TVD)</b>	3172.00 ft (CF)
Total Depth: 4710.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

**Serial #: 6720      Inside**

Press@RunDepth: 83.72 psig @ 4649.00 ft (KB)	Capacity: 7000.00 psig
Start Date: 2004.07.07      End Date: 2004.07.07	Last Calib.: 1899.12.30
Start Time: 09:25:35      End Time: 16:35:29	Time On Btm: 2004.07.07 @ 11:31:30
	Time Off Btm: 2004.07.07 @ 14:35:15

**TEST COMMENT:** 1 1/2" @ open , died in 26 min.  
 No return  
 No blow  
 No return



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2416.96	119.58	Initial Hydro-static
1	51.55	119.18	Open To Flow (1)
30	60.99	121.93	Shut-In(1)
91	819.06	124.75	End Shut-In(1)
93	62.74	124.58	Open To Flow (2)
122	83.72	125.32	Shut-In(2)
183	656.97	126.53	End Shut-In(2)
184	2308.13	126.25	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	mud w/oil specs	0.30

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petro

**Nolette A #1-7**

8080 E. Central, Suite 300  
Wichita, Ks 67206

**7-11-33 Logan, Ks**

Job Ticket: 19095

**DST#: 2**

ATTN: McCoy Petro

Test Start: 2004.07.07 @ 09:25:35

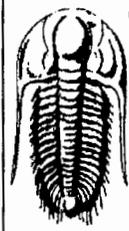
### Tool Information

Drill Pipe:	Length: 4530.00 ft	Diameter: 3.80 inches	Volume: 63.54 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 64.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4648.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4627.00	
Shut In Tool	5.00			4632.00	
Hydraulic tool	5.00			4637.00	
Safety Joint	2.00			4639.00	
Packer	5.00			4644.00	22.00 Bottom Of Top Packer
Packer	4.00			4648.00	
Stubb	1.00			4649.00	
Recorder	0.00	6720	Inside	4649.00	
Perforations	23.00			4672.00	
Change Over Sub	1.00			4673.00	
Drill Pipe	31.00			4704.00	
Change Over Sub	1.00			4705.00	
Recorder	0.00	2023	Outside	4705.00	
Bullnose	5.00			4710.00	62.00 Bottom Packers & Anchor

**Total Tool Length: 84.00**



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

### FLUID SUMMARY

McCoy Petro	<b>Nulette A #1-7</b>
8080 E. Central, Suite 300 Wichita, Ks 67206	<b>7-11-33 Logan, Ks</b>
ATTN: McCoy Petro	Job Ticket: 19095 <b>DST#: 2</b>
	Test Start: 2004.07.07 @ 09:25:35

#### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 5800 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.39 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5800.00 ppm		
Filter Cake: 1.00 inches		

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud w/oil specs	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

DST Test Number: 2

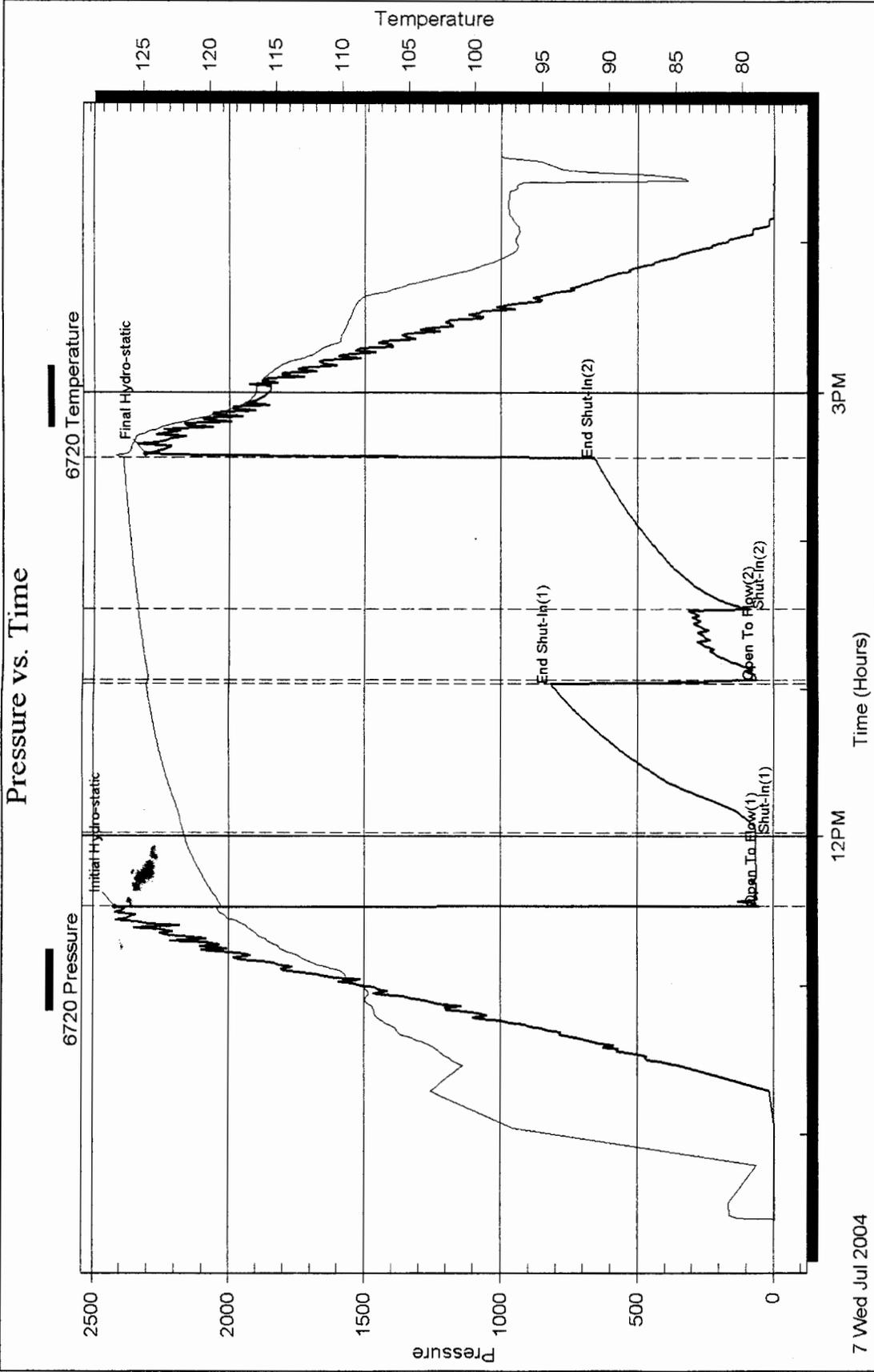
7-11-33 Logan, Ks

McCoy Petro

Inside

Serial #: 6720

### Pressure vs. Time



7 Wed Jul 2004

**McCoy Petroleum Corporation**

**8080 East Central, Suite 300**

**Wichita, Kansas 67206**

**316-636-2737**

**KCC**

**JUL 28 2004**

**CONFIDENTIAL**

**WELL REPORT**

**McCoy Petroleum Corporation**

**MPC #819 (04-18)**

**Nolette 'A' #1-7**

**200' S of C NW NW**

**Section 7-11S-33W**

**Logan County, Kansas**

**API #15-109-20,726**

**Spud Date: 06-30-04**

**Monument NW Prospect**

**Contractor: Murfin Drilling Company, Inc. Rig #24**

**Geologist: Tim Lauer**

**Elevations: 3172' GL 3177' KB (All measurements from KB)**

06-30-04 MIRT. Spud well at 2:15 PM. Drilled 12 1/4" hole to 280'. Deviation 1/2° @ 280'. Ran 6 jts. of new 8 5/8" 23# LS casing. Talley = 271.72'. Set at 279'. Allied cemented with 180 sx of Common with 2% gel and 3% CC. Plug down at 7:45 PM. Cement circulated. WOC.

07-01-04 TD 620'. Drilling ahead.

07-02-04 TD 2605'. Drilling ahead. Deviation 1/2° @ 2638'.

07-03-04 TD 3465'. Drilling ahead.

07-04-04 TD 3975'. Drilling ahead.

07-05-04 TD 4335'. Drilling ahead.

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# WELL REPORT

McCoy Petroleum Corporation  
Nolette "A" #1-7  
200' S of C NW NW  
Section 7-11S-33W  
Logan County, Kansas

Page 2

## SAMPLE TOPS

### Structure compared to

McCoy Petroleum Nolette "A" #1-7 200' S of C NW NW Sec. 7-11S-33W KB: 3177'	McCoy Petroleum Anderson C #1-12 E/2 NW NE Sec. 12-11S-34W KB: 3186'	McCoy Petroleum Anderson C #3-12 NW NE NE Sec. 12-11S-34W KB: 3190'
---	--	---

Anhydrite	2659 (+ 518)	- 8	- 9
B/Anhydrite	2686 (+ 491)	- 9	-12
Heebner	4078 (- 901)	-15	-17
Toronto	4094 (- 917)	-13	-17
Lansing	4122 (- 945)	-19	-21
LKC "B"	4152 (- 975)	-16	-13
Muncie Creek	4260 (-1083)	-14	-16
LKC "H"	4281 (-1104)	-20	-20
LKC "I"	4306 (-1129)	-15	-14
LKC "J"	4324 (-1147)	-13	-12
Stark	4340 (-1163)	-10	-13
LKC "K"	4354 (-1177)	-15	-15
Pawnee	4537 (-1360)	-12	-11
Cherokee	4593 (-1416)	-20	-18
Johnson Zone	4672 (-1495)	-22	-18
RTD	4710 (-1533)		

LKC "J" zone. Trace of show. No odor.

LKC "K" porosity 4360-4365': Limestone; finely crystalline, slightly fossiliferous. Poor to fair inter-crystalline porosity. Scattered pin-point and fine vugular porosity. Slight show of free oil. Dull fluorescence. Patchy oil stain. Good odor.

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## **WELL REPORT**

**McCoy Petroleum Corporation**  
**Nolette "A" #1-7**  
**200' S of C NW NW**  
**Section 7-11S-33W**  
**Logan County, Kansas**

**Page 3**

**DST #1 4354-4365' (LKC "K")**  
**Open 30", SI 60", Open 60", SI 90"**  
**Weak blow, built to fair 10" blow on 1<sup>st</sup> open period.**  
**No blow, built to fair 8 ½" blow on 2<sup>nd</sup> open period.**  
**Recovered 1' of free oil,**  
**120' of slightly mud cut water with a trace of oil,**  
**355' of salt water. (34,000 ppm chlorides)**  
**FP 28-12# 114-194#**  
**ISIP 939# FSIP 921#**

07-06-04 TD 4398'. Drilling ahead.

07-07-04 TD 4710'. TOH for DST #2.

**Johnson Zone 4678-4688'**: Limestone; mostly dense. A few pieces with poor to fair inter-crystalline and fossilmold porosity. Slight show of free oil. Scattered brown-black asphaltic stain.

**DST #2 4646-4710' (Johnson Zone)**  
**Open 30", SI 60", Open 30", SI 60"**  
**Weak blow, died in 12" on 1<sup>st</sup> open period.**  
**No blow on 2<sup>nd</sup> open period.**  
**Recovered 60' mud w/oil specks**  
**FP 51-61# 63-84#**  
**ISIP 819# FSIP 657#**

Log Tech ran Radiation Guard log.

07-08-04 RTD 4710' LTD 4711'. RU Allied to plug at 2:00 AM. Plugged well with 200 sx of 60/40 Pozmix, 6% gel as follows: 25 sx @ 2650', 100 sx @ 1670', 40 sx @ 310', 10 sx at 40' to surface. Cemented rathole with 15 sx, 10 sx in mousehole. Plug down at 4:30 AM. Rig released at 8:30 AM. Orders by David Wann, KCC.

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# WELL REPORT

McCoy Petroleum Corporation  
Nolette "A" #1-7  
200' S of C NW NW  
Section 7-11S-33W  
Logan County, Kansas

Page 4

## ELECTRIC LOG TOPS

Structure compared to

McCoy Petroleum Nolette "A" #1-7 200' S of C NW NW Sec. 7-11S-33W KB: 3177'	McCoy Petroleum Anderson C #1-12 E/2 NW NE Sec. 12-11S-34W KB: 3186'	McCoy Petroleum Anderson C #3-12 NW NE NE Sec. 12-11S-34W KB: 3190'
---	--	---

Anhydrite	2659 (+ 518)	- 8	- 9
B/Anhydrite	2686 (+ 491)	- 9	-12
Heebner	4077 (- 900)	-14	-16
Toronto	4099 (- 922)	-18	-22
Lansing	4118 (- 941)	-15	-17
LKC "B"	4150 (- 973)	-14	-11
Muncie Creek	4258 (-1081)	-12	-14
LKC "H"	4275 (-1098)	-14	-14
LKC "I"	4307 (-1130)	-16	-15
LKC "J"	4326 (-1149)	-15	-14
Stark	4340 (-1163)	-10	-13
LKC "K"	4351 (-1174)	-12	-12
Pawnee	4543 (-1366)	-18	-17
Cherokee	4592 (-1415)	-19	-17
Johnson Zone	4669 (-1492)	-19	-15
LTD	4711 (-1534)		