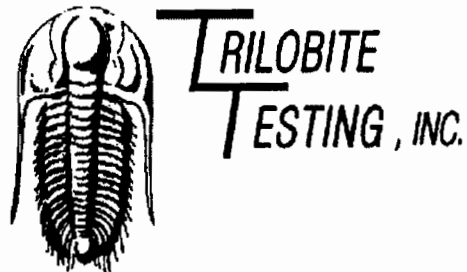


15-109-20713

12-115-34w



DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp**

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp

12-11-34 Logan, Ks

^(CT)
Anderson #1-12

Start Date: 2003.11.04 @ 20:46:14

End Date: 2003.11.05 @ 05:49:12

Job Ticket #: 17718 DST #: 1

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

PO Box 780208
Wichita, Ks 67278

ATTN: McCoy Petro Corp

Anderson #1-12

12-11-34 Logan, Ks

Job Ticket: 17718

DST#: 1

Test Start: 2003.11.04 @ 20:46:14

GENERAL INFORMATION:

Formation: **K**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:55:57

Time Test Ended: 05:49:12

Test Type: Conventional Straddle

Tester: Shane McBride

Unit No: 25

Interval: **4344.00 ft (KB) To 4364.00 ft (KB) (TVD)**

Total Depth: **4372.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **3188.00 ft (KB)**

3183.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **68.20 psig @ 4345.00 ft (KB)**

Start Date: **2003.11.04**

End Date:

2003.11.05

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **20:46:14**

End Time:

05:49:12

Time On Btm: **2003.11.04 @ 22:55:42**

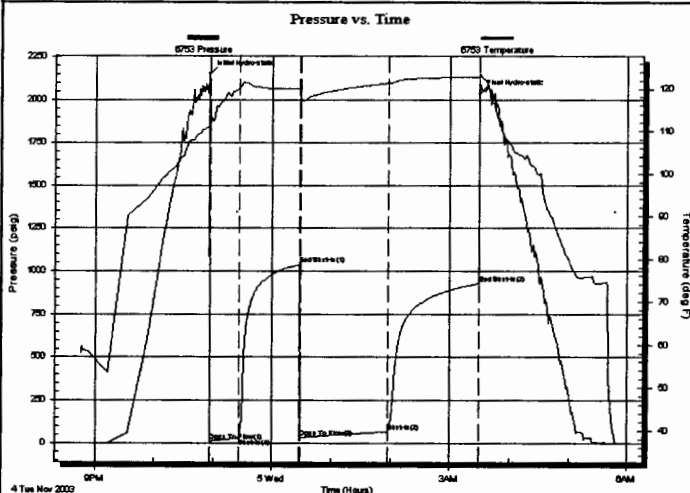
Time Off Btm: **2003.11.05 @ 03:29:42**

TEST COMMENT: **1/2" in @ open built to 1 3/4" in.**

No return

Surface blow in 4 min. built to 1/4" in. blew throughout

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.28	111.54	Initial Hydro-static
1	12.07	110.58	Open To Flow (1)
31	29.31	120.14	Shut-in (1)
92	1037.45	120.16	End Shut-in (1)
93	31.82	119.43	Open To Flow (2)
182	68.20	121.39	Shut-in (2)
274	928.12	122.90	End Shut-in (2)
274	2037.47	123.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	free oil 100%o	0.00
123.00	m c w w/oil spots 35% m 65% w	0.60

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro Corp

Anderson #1-12

PO Box 780208
Wichita, Ks 67278

12-11-34 Logan, Ks

Job Ticket: 17718

DST#: 1

ATTN: McCoy Petro Corp

Test Start: 2003.11.04 @ 20:46:14

Tool Information

Drill Pipe:	Length: 4216.00 ft	Diameter: 3.80 inches	Volume: 59.14 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 59.75 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4344.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	4364.00 ft			
Interval between Packers:	20.00 ft			
Tool Length:	49.00 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			4325.00	
Shut In Tool	5.00			4330.00	
Hydraulic tool	5.00			4335.00	
Packer	5.00			4340.00	20.00 Bottom Of Top Packer
Packer	4.00			4344.00	
Stubb	1.00			4345.00	
Recorder	0.00	6753	Inside	4345.00	
Perforations	15.00			4360.00	
Blank Off Sub	1.00			4361.00	
top of packer	3.00			4364.00	20.00 Tool Interval
Packer	1.00			4365.00	
Stubb	1.00			4366.00	
Perforations	2.00			4368.00	
Recorder	0.00	11058	Outside	4368.00	
Bullnose	5.00			4373.00	9.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp

Anderson #1-12

PO Box 780208
Wichita, Ks 67278

12-11-34 Logan, Ks

Job Ticket: 17718

DST#: 1

ATTN: McCoy Petro Corp

Test Start: 2003.11.04 @ 20:46:14

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:

39500 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	free oil 100%o	0.005
123.00	m c w w/oil spots 35% m 65% w	0.605

Total Length: 124.00 ft

Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

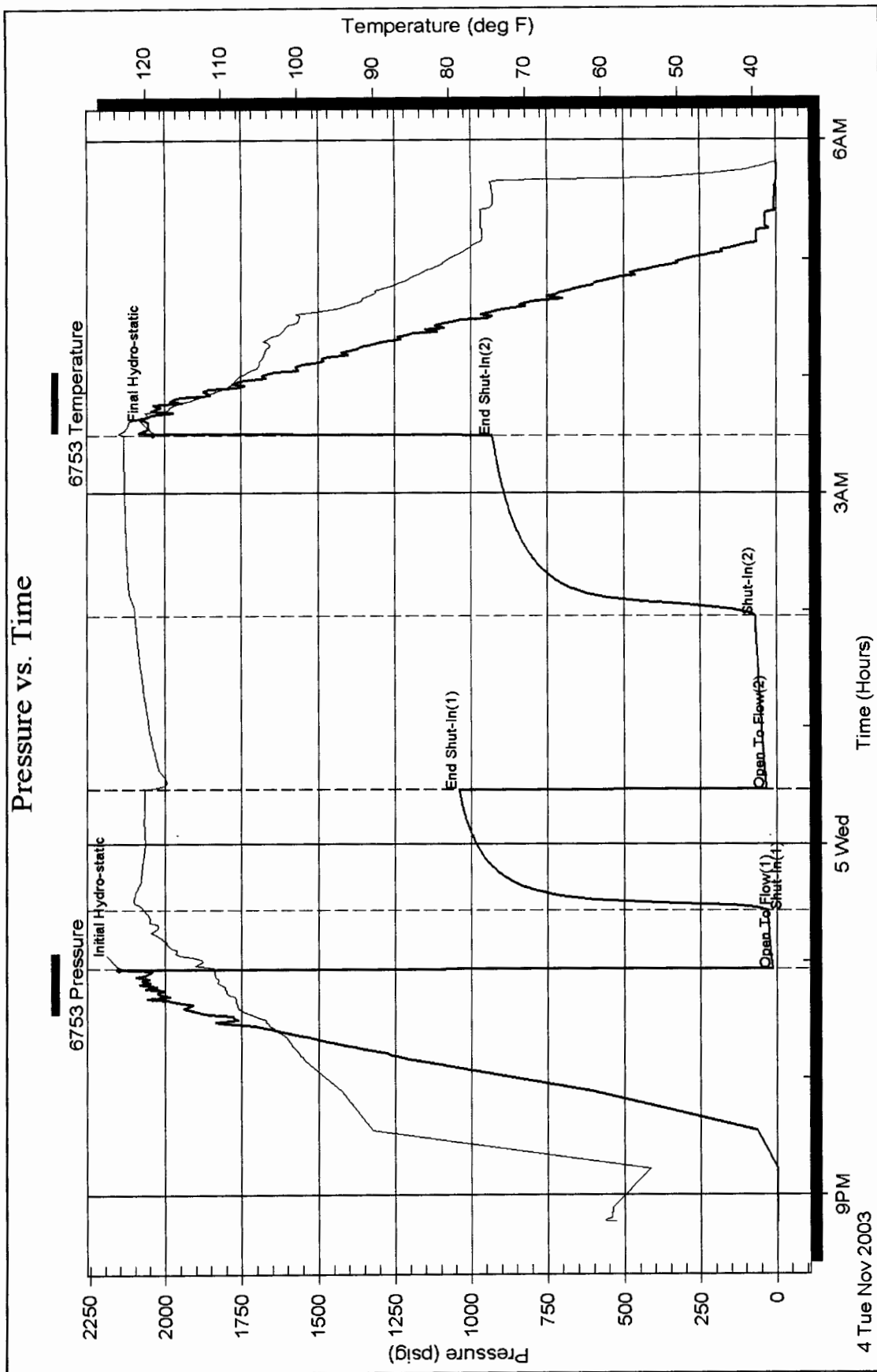
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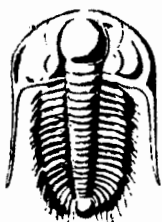
Inside

McCoy Petro Corp

12-11-34 Logan, Ks

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 17718

12/02

Test Ticket

Well Name & No. Anderson CT #1-12 Test No. #1 Date 11-4-03
Company McCoy Petro Corp. Zone Tested K
Address P.O. Box 780208 Wichita, KS 67278 Elevation 3188' KB 3183' GL
Co. Rep / Geo. Bob O'Dell Cont. Murkin #24 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 12 Twp. 11S Rge. 31W Co. Logan State KS
No. of Copies Norm. Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4344' 4364' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 53,000
Anchor Length 20' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
Top Packer Depth 4339 4344' Tool Weight 1500
Bottom Packer Depth 4364' Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
Total Depth 4372' Wt. Pipe Run _____ Drill Collar Run 124'
Mud Wt. 8.9 LCM #1 Vis. 49 WL 10.8 Drill Pipe Size 4 1/2 X 4 Ft. Run 4216'
Blow Description 1/2" in @ open built to 1 3/4" in

No return
Surface blow in 4 min, built to 1/4" in blew throughout
No return

Recovery - Total Feet 124' GIP _____ Ft. in DC 124' Ft. in DP _____
Rec. 1' Feet of Free oil 100% O
Rec. 123' Feet of mcw w/oil spots 35% m 65% W
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
BHT 123° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
RW .251 @ 50° °F Chlorides 39,500 ppm Recovery 39,500 Chlorides 6500 ppm System

AK-1

Alpine

(A) Initial Hydrostatic Mud	<u>2152</u> PSI	Recorder No.	<u>6753</u>	Test X	<u>520.00</u>
(B) First Initial Flow Pressure	<u>12</u> PSI	(depth)	<u>4345'</u>	Elec. Rec. X	<u>150.00</u>
(C) First Final Flow Pressure	<u>29</u> PSI	Recorder No.	<u>2023</u>	Jars	_____
(D) Initial Shut-In Pressure	<u>1037</u> PSI	(depth)	<u>4357'</u>	Safety Jt.	_____
(E) Second Initial Flow Pressure	<u>31</u> PSI	Recorder No.	<u>11058</u>	Circ Sub X	<u>N/C</u>
(F) Second Final Flow Pressure	<u>68</u> PSI	(depth)	<u>4367'</u>	Sampler	_____
(G) Final Shut-In Pressure	<u>928</u> PSI	Initial Opening	<u>30</u>	Straddle X	<u>250.00</u>
(Q) Final Hydrostatic Mud	<u>2088</u> PSI	Initial Shut-In	<u>60</u>	Ext. Packer X	<u>150.00</u>
		Final Flow	<u>90</u>	Shale Packer	_____
		Final Shut-In	<u>90</u>	Mileage	<u>581 way 5500</u>
		T-On Location	<u>20:00 p.m.</u>	Sub Total:	<u>1400.00</u>
		T-Started	<u>20:47 p.m.</u>	Std. By	<u>1 1/2 hrs @ 300 4500</u>
		T-Open	<u>23:00 p.m.</u>	Other	_____
		T-Pulled	<u>03:30 A.M.</u>	Total:	<u>1463.00</u>
		T-Out	<u>06:15 A.M.</u>		

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Approved By B O'Dell

Our Representative Steve McCoy

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

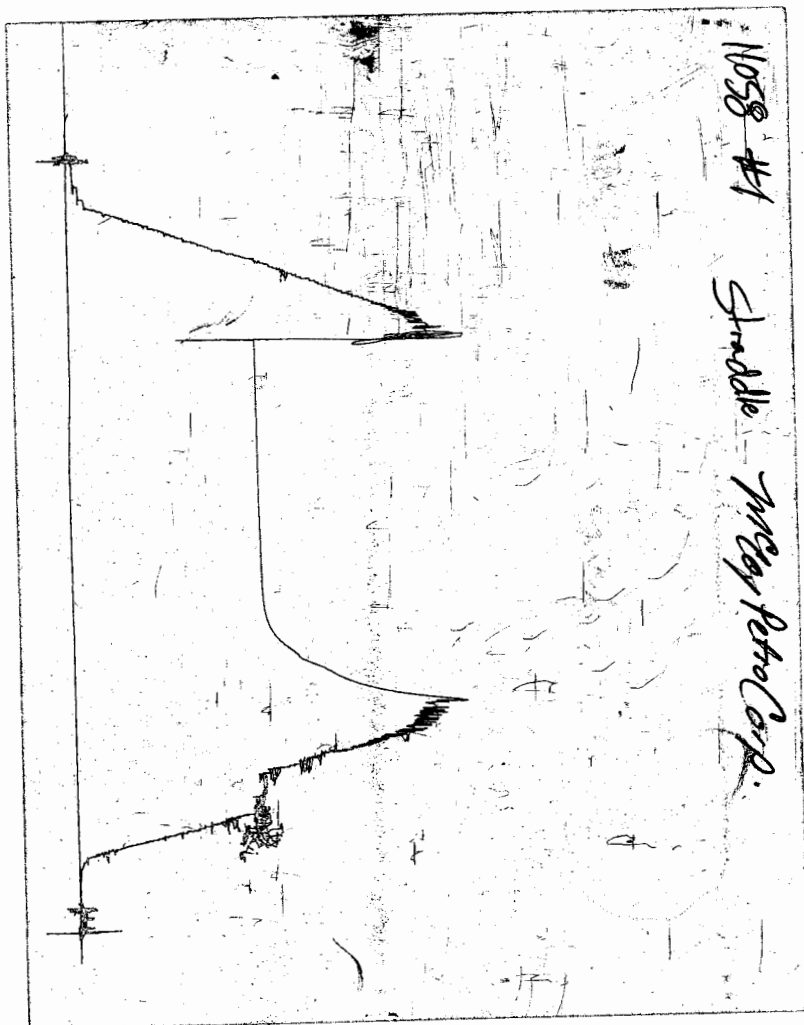


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

