

DRILL STEM TEST REPORT

Prepared For: **Edmiston Oil Co Inc**

125 N Market Ste 1130
Wichita KS 67202

ATTN: Max Lovely

24 29S 9W Kingman KS

Miller #4

Start Date: 2006.06.21 @ 04:54:23

End Date: 2006.06.21 @ 14:11:38

Job Ticket #: 24864 DST #: 1

Edmiston Oil Co Inc

Miller #4

24 29S 9W Kingman KS

DST # 1

Hertha

2006.06.21

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Edmiston Oil Co Inc
125 N Market Ste 1130
Wichita KS 67202
ATTN: Max Lovely

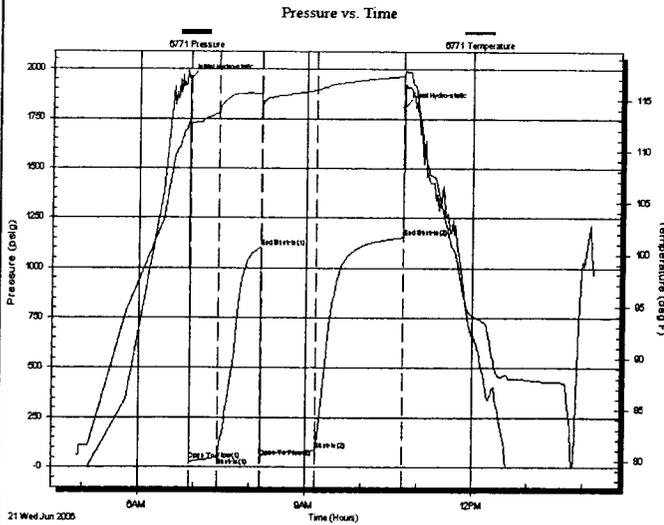
Miller #4
24 29S 9W Kingman KS
Job Ticket: 24864 **DST#: 1**
Test Start: 2006.06.21 @ 04:54:23

GENERAL INFORMATION:

Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:55:08
Time Test Ended: 14:11:38
Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 23
Interval: **3958.00 ft (KB) To 3975.00 ft (KB) (TVD)**
Total Depth: 3975.00 ft (KB) (TVD)
Reference Elevations: 1678.00 ft (KB)
Hole Diameter: 7.88 inches Hole Condition: Poor
KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
Press@RunDepth: 81.76 psig @ 3959.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.06.21 End Date: 2006.06.21 Last Calib.: 2006.06.21
Start Time: 04:54:28 End Time: 14:11:38 Time On Btm: 2006.06.21 @ 06:54:38
Time Off Btm: 2006.06.21 @ 10:44:52

TEST COMMENT: IF Strong blow BOB in 3 min
ISI Weak blow 1/2 - 2"
FF Strong blow BOB in 5 - 10 sec
FSI Weak blow 1 - 3"



PRESSURE SUMMARY

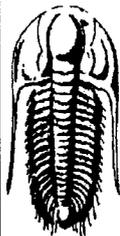
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.90	112.87	Initial Hydro-static
1	32.78	112.55	Open To Flow (1)
31	48.61	113.72	Shut-in(1)
77	1103.92	115.66	End Shut-in(1)
78	49.02	114.31	Open To Flow (2)
137	81.76	115.94	Shut-in(2)
230	1152.02	117.34	End Shut-in(2)
231	1808.20	117.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	M&WCGO 10%M 12%W 46%G 32%O	0.60
118.00	GOCM 14%G 31%O 55%M	0.58
0.00	3060' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Edmiston Oil Co Inc

Miller #4

125 N Market Ste 1130
Wichita KS 67202

24 29S 9W Kingman KS

Job Ticket: 24864

DST#: 1

ATTN: Max Lovely

Test Start: 2006.06.21 @ 04:54:23

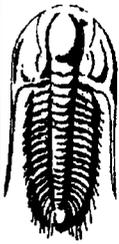
Tool Information

Drill Pipe:	Length: 3696.00 ft	Diameter: 3.80 inches	Volume: 51.85 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 53.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	3958.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	44.00 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			3932.00	
Shut In Tool	5.00			3937.00	
Hydraulic tool	5.00			3942.00	
Jars	5.00			3947.00	
Safety Joint	2.00			3949.00	
Packer	4.00			3953.00	27.00 Bottom Of Top Packer
Packer	5.00			3958.00	
Stubb	1.00			3959.00	
Recorder	0.00	6771	Inside	3959.00	
Perforations	11.00			3970.00	
Recorder	0.00	13222	Outside	3970.00	
Bullnose	5.00			3975.00	17.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Edmiston Oil Co Inc

Miller #4

125 N Market Ste 1130
Wichita KS 67202

24 29S 9W Kingman KS

Job Ticket: 24864

DST#: 1

ATTN: Max Lovely

Test Start: 2006.06.21 @ 04:54:23

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:

4000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	M&WCGO 10%M 12%W 46%G 32%O	0.600
118.00	GOCM 14%G 31%O 55%M	0.580
0.00	3060' GP	0.000

Total Length: 240.00 ft

Total Volume: 1.180 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

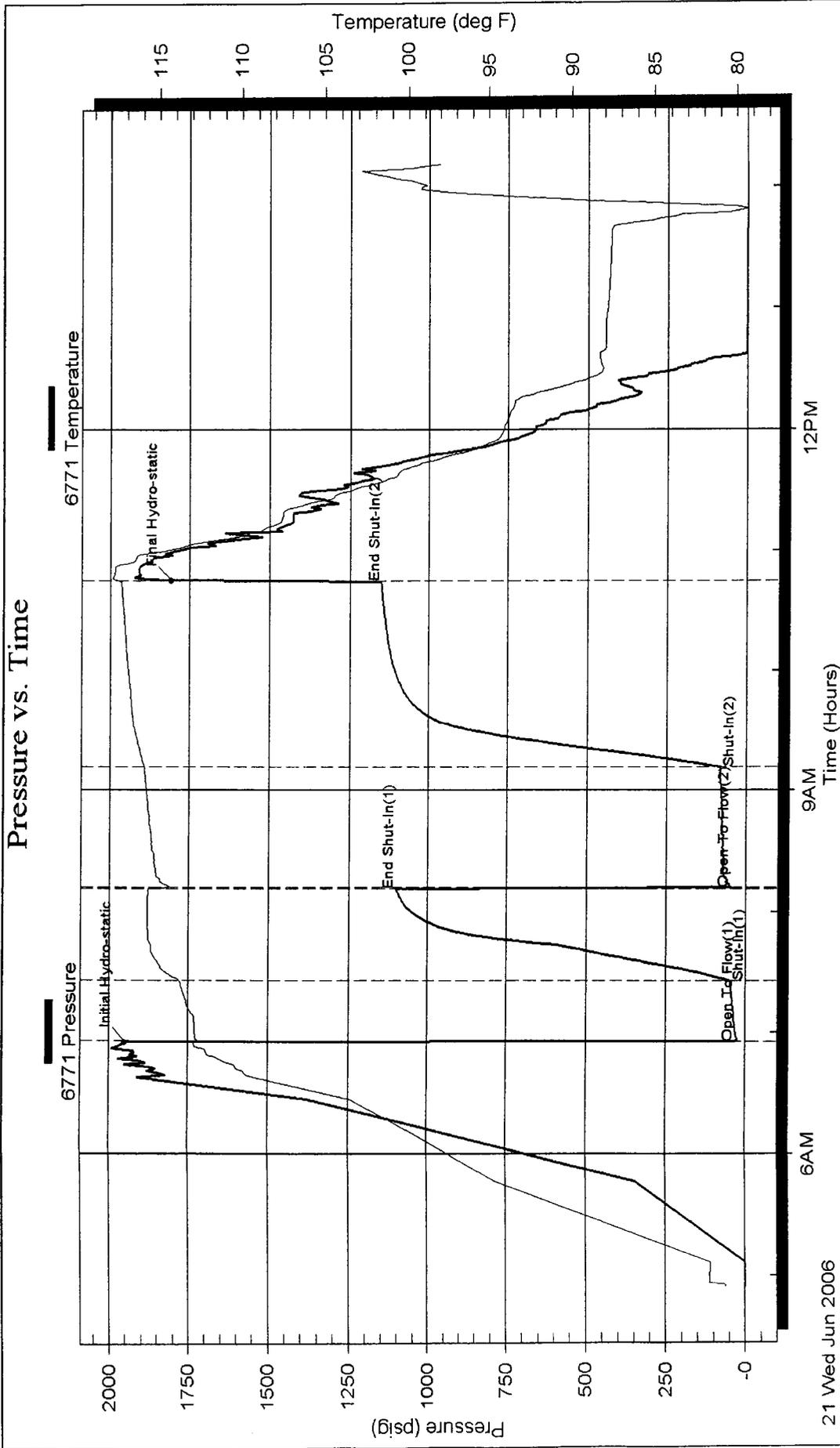
Serial #: none

Laboratory Name:

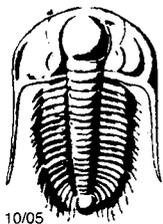
Laboratory Location:

Recovery Comments:

Pressure vs. Time



21 Wed Jun 2006



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8923

No 24864

Test Ticket

Well Name & No. ~~Edmiston Oil Co. Inc.~~ Miller #4 Test No. 1 Date 6-21-06
 Company Edmiston Oil Co. Inc. Zone Tested Hertha
 Address 125 N. Market, Ste. 1130, Wichita, Ks. 67202 Elevation 1678 KB 1673 GL
 Co. Rep / Geo. Max Lovely Rig Pickeredd Dely. #1
 Location: Sec. 24 Twp. 29 S Rge. 9 W Co. Kingman State Ks.
 Comment: Release date / time:

Interval Tested 3958 - 3975' Initial Str Wt./Lbs. 73,000 Unseated Str Wt./Lbs. 73,000
 Anchor Length 17' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 3953' Tool Weight 2,100#
 Bottom Packer Depth 3958' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3975' Wt. Pipe Run None Drill Collar Run 244
 Mud Wt. 9.0 LCM ~ Vis. 49 WL 11.6cc Drill Pipe Size 4 1/2" Ft. Run 3696
 Blow Description IF: Strong below. B.O.B. in 3 mins. ISI. Weak below. 1/2 - 2".
 FF: Strong below. B.O.B. in 5-10 secs. FSI. Weak below. 1-3".

Recovery - Total Feet 240 GIP 3060 Ft. in DC 240 Ft. in DP 0
 Rec. 118 Feet of COOCM 14% gas 31 %oil %water 55 %mud
 Rec. 122 Feet of M&WC, CO 46% gas 32 %oil 12 %water 10 %mud
 Rec. Feet of %gas %oil %water %mud
 Rec. Feet of %gas %oil %water %mud
 Rec. Feet of %gas %oil %water %mud
 BHT 117 °F Gravity N/A °API D @ ~ °F Corrected Gravity N/A °API
 RW N.C. @ ~ °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		1060 PSI	6771	✓ 1000
(B) First Initial Flow Pressure		33 PSI	(depth) 3959'	Jars ✓ 250
(C) First Final Flow Pressure		49 PSI	Recorder No. 13222	Safety Jt. ✓ 75
(D) Initial Shut-In Pressure		1104 PSI	(depth) 3970'	Circ Sub
(E) Second Initial Flow Pressure		49 PSI	Recorder No. ~	Sampler
(F) Second Final Flow Pressure		82 PSI	(depth) ~	Straddle
(G) Final Shut-In Pressure		1152 PSI	Initial Opening 30	Ext. Packer
(Q) Final Hydrostatic Mud		1033 PSI	Initial Shut-In 45	Shale Packer
			Final Flow 60	Ruined Packer
			Final Shut-In 90	Mileage 75 ✓ 9375
			T-On Location 0420	Sub Total: 1418.75
			T-Started 0454	Std. By 15 ✓ 75.00
			T-Open 0655	Acc. Chg:
			T-Pulled 1048	Other:
			T-Out 1411	Total: 1493.75

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By *[Signature]*
 Our Representative *[Signature]*

CHART PAGE

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

