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KANSAS CORPORATION COMMISSION

MAR 01 2001

CONSERVATION DIVISION  
WICHITA, KS

15-051-25062



TRILOBITE  
TESTING, INC

ORIGINAL

Imperial American Oi

### DRILL STEM TEST REPORT

Prepared For: **Imperial American Oi**

10004 W20 th St N  
Wichita Ks 67212

Erbert #29-1

ATTN: Randy Killian

**29-11s-20w Ellis co**

29-11s-20w Ellis co

**Erbert #29-1**

Start Date: 2000.11.26 @ 00:30:00

End Date: 2000.11.26 @ 06:20:00

Job Ticket #: 13915      DST #: 1

API 15-051-25062-00-00

620 FSL 1720 FEL

DST #: 1

arbuckle

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

2000.11.26



**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

Imperial American Oil  
10004 W20 th St N  
Wichita Ks 67212  
ATTN: Randy Killian

**Erbert #29-1**  
**29-11s-20w Ellis co**  
Job Ticket: 13915      **DST#: 1**  
Test Start: 2000.11.26 @ 00:30:00

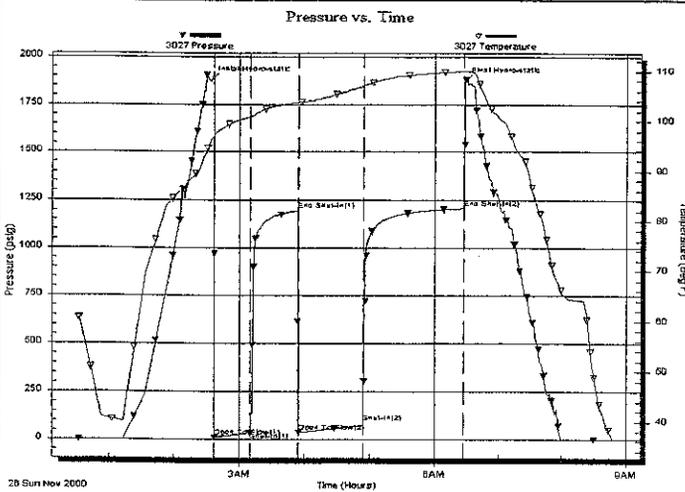
### GENERAL INFORMATION:

Formation: **arbuckle**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 02:36:43  
Time Test Ended: 06:20:00  
Test Type: Conventional Straddle  
Tester: Ray Schwager  
Unit No: 16  
Interval: **3875.00 ft (KB) To 3894.00 ft (KB) (TVD)**  
Reference Elevations: 2240.00 ft (KB)  
Total Depth: 3960.00 ft (KB)      2235.00 ft (CF)  
Hole Diameter: 7.85 inches      Hole Condition: Fair      KB to GR/CF: 5.00 ft

### Serial #: 3027

Press@RunDepth: 86.84 psig @      ft (KB)      Capacity: 7000.00 psig  
Start Date: 2000.11.26      End Date: 2000.11.26      Last Calib.: 2000.11.26  
Start Time: 00:32:18      End Time: 08:48:42      Time On Btm: 2000.11.26 @ 02:34:13  
Time Off Btm: 2000.11.26 @ 06:28:12

TEST COMMENT: times-30-45-60-90 RW .71 @28F chlor 24000 IFF-w eak blow 1/4"  
FFP-w eak blow 1/4"



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
122	1874.21	96.32	Initial Hydro-static
125	11.98	97.17	Open To Flow (1)
158	35.39	100.88	Shut-In(1)
201	1195.45	103.77	End Shut-In(1)
202	36.83	103.85	Open To Flow (2)
262	86.84	106.99	Shut-In(2)
355	1208.55	110.00	End Shut-In(2)
356	1872.87	110.00	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
125.00	muddy water 45% mud 55% water w/show oil	0.61

### Gas Rates

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

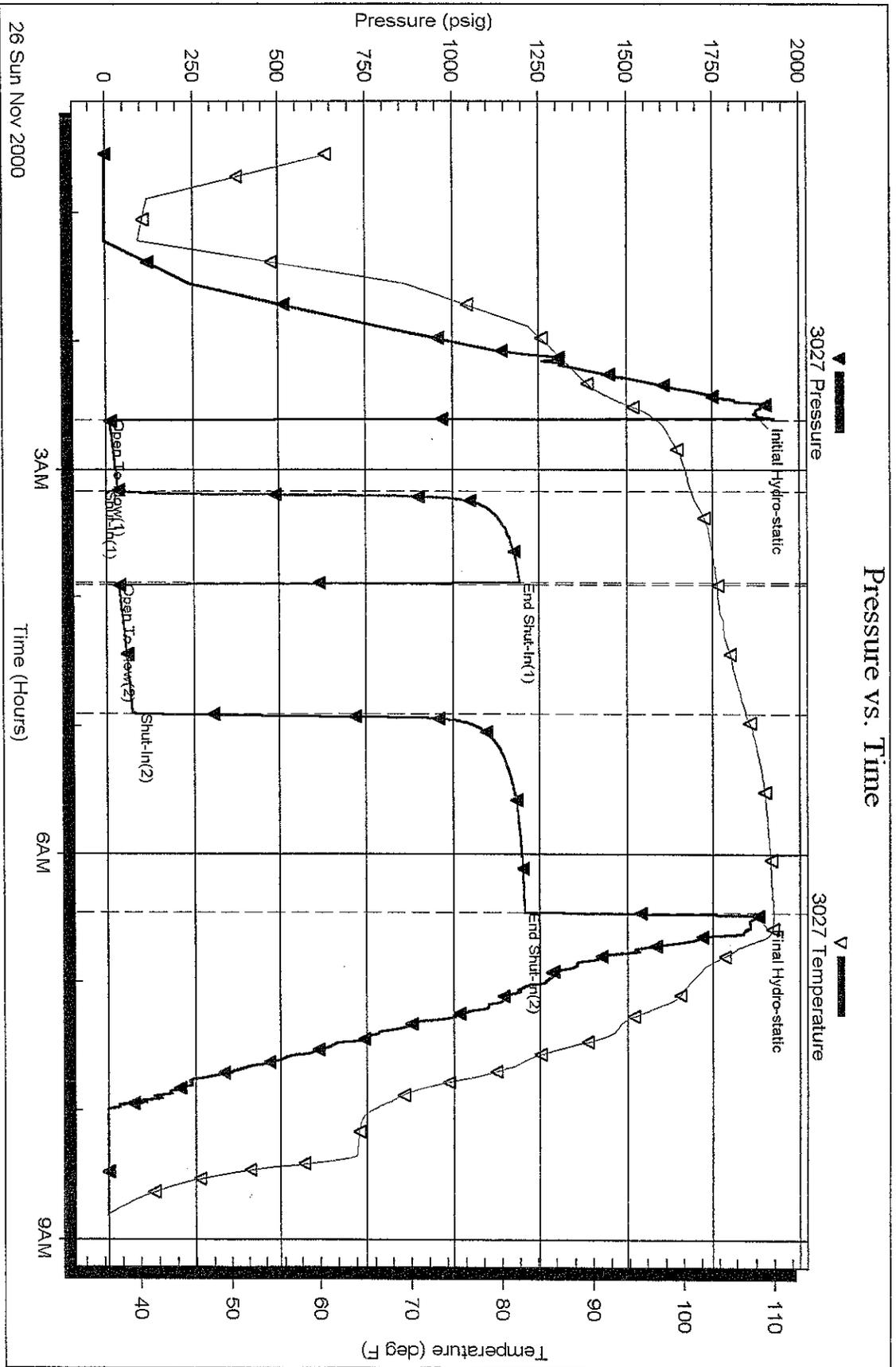
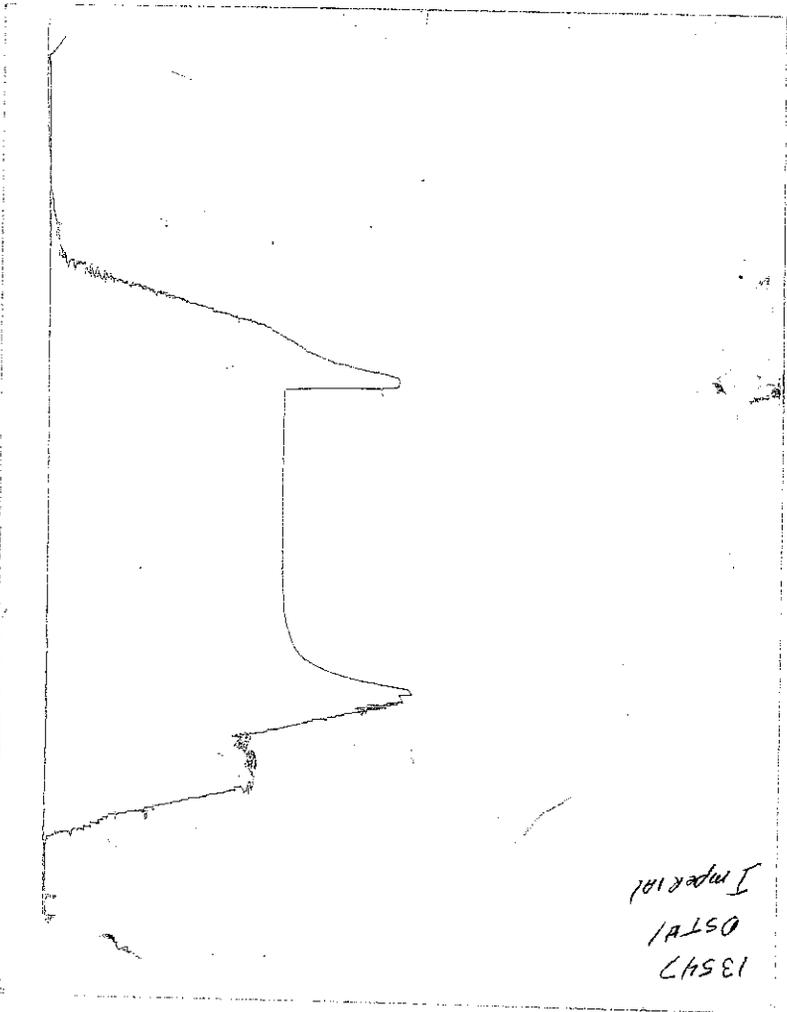
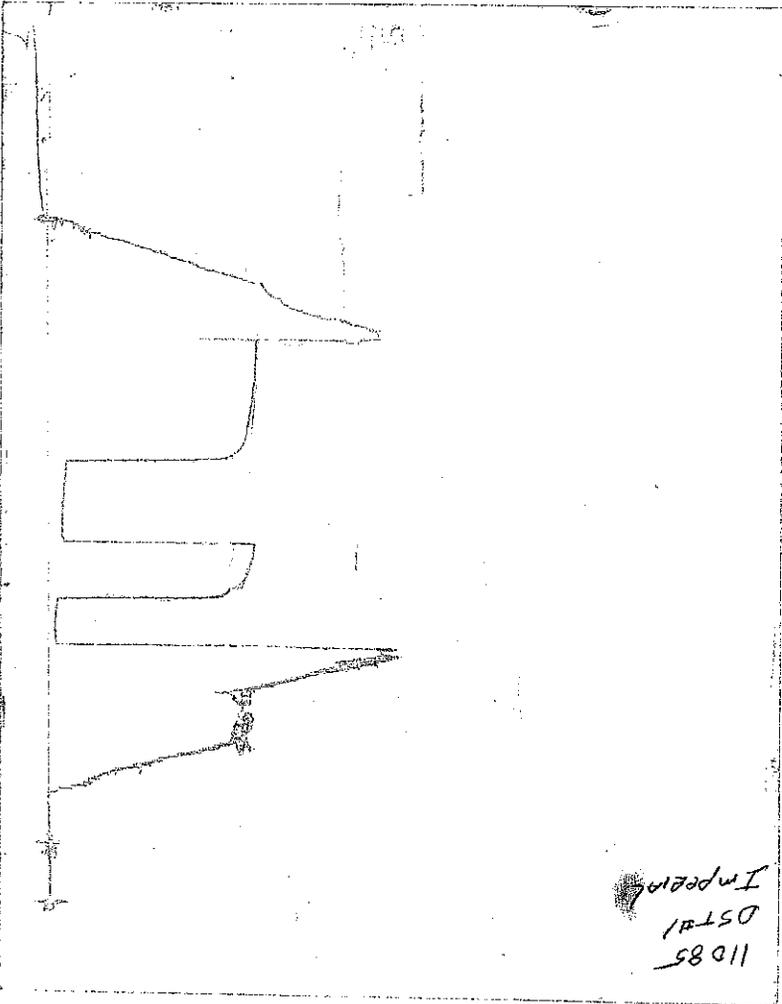


CHART PAGE



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

CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 13915

## Test Ticket

Well Name & No. ERBERT # 29-1 Test No. 1 Date 11-26-00  
 Company Imperial American Oil Zone Tested Arbuckle  
 Address 10004 W 20<sup>th</sup> ST. N. WICHITA, KS 67212 Elevation 2240 KB 2235GL  
 Co. Rep / Geo. Randy Killian Cont. MURFIN 8 Est. Ft. of Pay - Por. - %  
 Location: Sec. 29 Twp. 11<sup>s</sup> Rge. 20<sup>w</sup> Co. ELLIS State Ks  
 No. of Copies Reg Distribution Sheet (Y, N) - Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 3875-3894 Initial Str Wt./Lbs. 65000 Unseated Str Wt./Lbs. 65000  
 Anchor Length 19 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 75000  
 Top Packer Depth 3875 Tool Weight 2200  
 Bottom Packer Depth 3894-3899 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes  
 Total Depth 3960 Wt. Pipe Run - Drill Collar Run 510  
 Mud Wt. 9.4 LCM 1/2# Vis. 56 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3364  
 Blow Description IFP - WEAK Blow throughout 1/4"  
IFP - WEAK Blow throughout 1/4"

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>125</u>	<u>-</u>	<u>125</u>	<u>-</u>
Rec. <u>125</u> Feet Of <u>Muddy WATER</u>	%gas	%oil	<u>55</u> %water <u>45</u> %mud
Rec. <u>-</u> Feet Of <u>w/ slight show of oil</u>	%gas	%oil	%water %mud
Rec. <u>-</u> Feet Of <u>-</u>	%gas	%oil	%water %mud
Rec. <u>-</u> Feet Of <u>-</u>	%gas	%oil	%water %mud
Rec. <u>-</u> Feet Of <u>-</u>	%gas	%oil	%water %mud

BHT 110 °F Gravity - °API D@ - °F Corrected Gravity - °API  
 RW 21 @ 28 °F Chlorides 24000 ppm Recovery Chlorides 5000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1874</u>	<u>1874</u>	<u>3027</u>	<u>0000</u>
(B) First Initial Flow Pressure	<u>11</u>	<u>11</u>	(depth) <u>3876</u>	T-Started <u>0030</u>
(C) First Final Flow Pressure	<u>35</u>	<u>35</u>	PSI Recorder No. <u>11085</u>	T-Open <u>0235</u>
(D) Initial Shut-In Pressure	<u>1195</u>	<u>1195</u>	(depth) <u>3886</u>	T-Pulled <u>0620</u>
(E) Second Initial Flow Pressure	<u>36</u>	<u>36</u>	PSI Recorder No. <u>13542</u>	T-Out <u>0845</u>
(F) Second Final Flow Pressure	<u>86</u>	<u>86</u>	(depth) <u>3957</u>	T-Off Location <u>0945</u>
(G) Final Shut-in Pressure	<u>1208</u>	<u>1208</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>650</u>
(Q) Final Hydrostatic Mud	<u>1872</u>	<u>1872</u>	PSI Initial Shut-in <u>45</u>	Jars <u>-</u>
			Final Flow <u>60</u>	Safety Joint <u>-</u>
			Final Shut-in <u>90</u>	Straddle <input checked="" type="checkbox"/> <u>250</u>
				Circ. Sub <u>-</u>
				Sampler <u>-</u>
				Extra Packer <input checked="" type="checkbox"/> <u>150</u>
				Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
				Mileage <input checked="" type="checkbox"/> <u>27</u> <u>27</u>
				Other <u>-</u>
				TOTAL PRICE \$ <input checked="" type="checkbox"/> <u>1127</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 Randy Killian

Our Representative RAY SCHWAGER Hankyoe