

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16765

Test Ticket

Well Name & No. VERNA UNIT #30-1 Test No. #1 Date 12-29-02
 Company IMPERIAL AMERICAN OIL CORP. Zone Tested TORONTO
 Address 303 N. CARROLL BLVD. #214 DENTON, TX, 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY KILIAN Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 12 S Rge. 16 W Co. ELLIS State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3261 TO 3300 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 39' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3256 Tool Weight 3,000
 Bottom Packer Depth 3261 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3300 Wt. Pipe Run _____ Drill Collar Run 116'
 Mud Wt. 9.2 LCM 1/2# Vis. 48 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3148'
 Blow Description IF.-WEAK TO STRONG B.O.B. 20 MIN. FSI.-GOOD BLOW BACK
FF.-WEAK TO STRONG B.O.B. 20 MIN. FSI.-GOOD BLOW BACK

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>210'</u>	<u>330'</u>	<u>116'</u>	<u>94</u>
Rec. <u>116</u> Feet Of <u>SALT WATER</u>	%gas _____ %oil _____ %water _____ %mud _____		
Rec. <u>94</u> Feet Of <u>M.C.O.</u>	%gas <u>60</u> %oil _____ %water <u>40</u> %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		

BHT 94 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW .22 @ 45 °F Chlorides 55,000 ppm Recovery Chlorides 4,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1587</u>			<u>3017</u>	<u>02:45</u>
(B) First Initial Flow Pressure	<u>22</u>			(depth) <u>3268</u>	T-Started <u>03:57</u>
(C) First Final Flow Pressure	<u>66</u>			Recorder No. <u>13308</u>	T-Open <u>05:44</u>
(D) Initial Shut-In Pressure	<u>1057</u>			(depth) <u>3297</u>	T-Pulled <u>09:31</u>
(E) Second Initial Flow Pressure	<u>75</u>			Recorder No. _____	T-Out <u>11:20</u>
(F) Second Final Flow Pressure	<u>109</u>			(depth) _____	T-Off Location <u>11:45</u>
(G) Final Shut-in Pressure	<u>1056</u>			Initial Opening <u>30</u>	Test <u>BOTTOM HOLE 700</u>
(Q) Final Hydrostatic Mud	<u>1571</u>			Initial Shut-in <u>45</u>	Jars _____

Final Flow 60 Safety Joint _____
 Final Shut-in 90 Straddle _____
 _____ Circ. Sub _____
 _____ Sampler _____
 Extra Packer _____

TRILOBITE TESTING INC. 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.

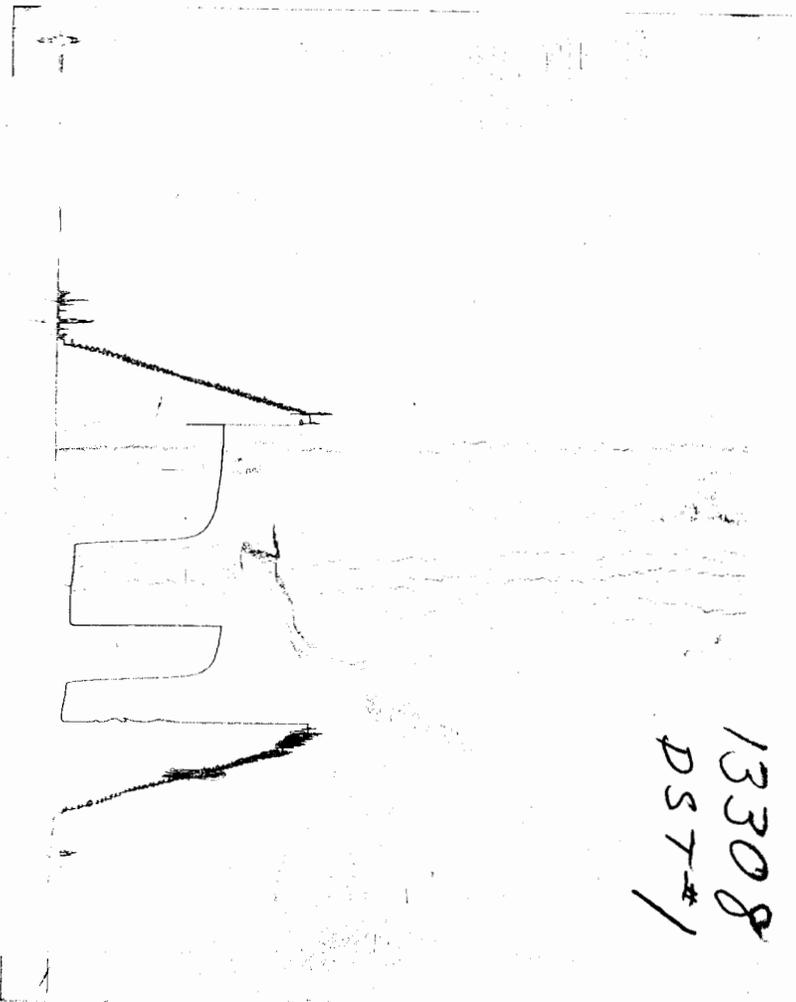
Approved By _____

Our Representative John J. Schmidt

Elec. Rec. 150
 Mileage 17 17
 Other _____ #867
 TOTAL PRICE \$ _____

CHART PAGE

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



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ORIGINAL



**TRILOBITE
TESTING, INC.**

KCC
FEB 05 2003
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N. Carroll Blvd. #214
Denton, Tx. 76201

ATTN: Hal Porter

30--12s--16w

Verna Unit # 30-1

Start Date: 2002.12.29 @ 03:57:03

End Date: 2002.12.29 @ 11:12:33

Job Ticket #: 16765 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

Imperial American Oil Corp.

Verna Unit # 30-1

303 N.Carroll Blvd.#214
Denton, Tx.76201

30-12s-16w

Job Ticket: 16765

DST#: 1

ATTN: Hal Porter

Test Start: 2002.12.29 @ 03:57:03

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: **No** Whipstock:

ft (KB)

KCC
FEB 05 2003

Test Type: **Conventional Bottom Hole**

Time Tool Opened: 05:44:03

Tester: **John Schmidt**

Time Test Ended: 11:12:33

Unit No: **18**

Interval: **3261.00 ft (KB) To 3300.00 ft (KB) (TVD)**

Reference Elevations: **2083.00 ft (KB)**

Total Depth: **3300.00 ft (KB) (TVD)**

2078.00 ft (CF)

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

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

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Serial #: 3017

Inside

Press@RunDepth: **109.71 psig @ 3268.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2002.12.29**

End Date:

2002.12.29

Last Calib.: **2002.12.29**

Start Time: **03:57:05**

End Time:

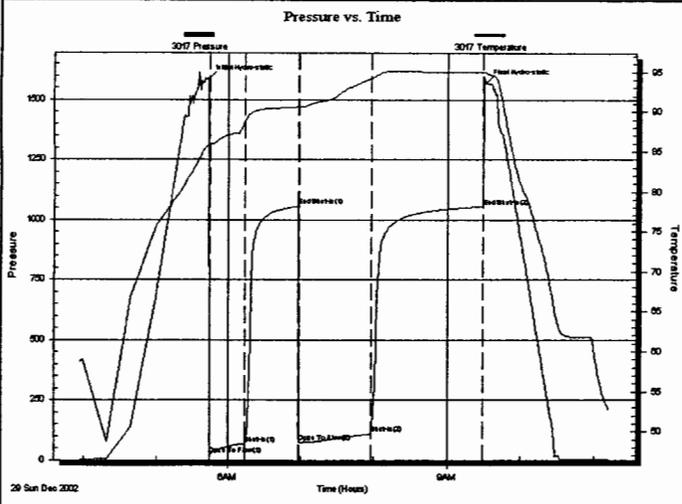
11:12:33

Time On Btm: **2002.12.29 @ 05:43:33**

Time Off Btm: **2002.12.29 @ 09:31:33**

TEST COMMENT: **F-Weak to Strong B.O.B. 20 min**
FF-Weak to Strong B.O.B.20 min

IS-good blow back
FSI-good blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.14	85.81	Initial Hydro-static
1	22.77	85.89	Open To Flow (1)
30	66.67	88.67	Shut-In(1)
74	1057.64	90.58	End Shut-In(1)
75	75.18	90.60	Open To Flow (2)
134	109.71	94.17	Shut-In(2)
226	1056.28	94.97	End Shut-In(2)
228	1571.78	94.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
116.00	salt water	0.57
94.00	M-C-O--40% mud 60%oil	1.32
330.00	gas in pipe	4.63

Gas Rates

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

 <p>TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT		TOOL DIAGRAM
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16765 Test Start: 2002.12.29 @ 03:57:03	DST#: 1

Tool Information

Drill Pipe:	Length: 3148.00 ft	Diameter: 3.80 inches	Volume: 44.16 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 44.73 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft	String Weight: Initial 60000.00 lb		
Depth to Top Packer:	3261.00 ft	Final 60000.00 lb		
Depth to Bottom Packer:	ft			
Interval between Packers:	39.02 ft			
Tool Length:	59.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

KCC
 FEB 05 2003 *sa*

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3242.00	
S.I. Tool	5.00			3247.00	
HMV	5.00			3252.00	
Packer	4.00			3256.00	20.00 Bottom Of Top Packer
Packer	5.00			3261.00	
Stubb	1.00			3262.00	
Perforations	6.00			3268.00	
Recorder	0.01	3017	Inside	3268.01	
Perforations	29.00			3297.01	
Recorder	0.01	13308	Outside	3297.02	
Bullnose	3.00			3300.02	39.02 Bottom Packers & Anchor

Total Tool Length: 59.02

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT	FLUID SUMMARY
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton, Tx. 76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16765 DST#: 1 Test Start: 2002.12.29 @ 03:57:03

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:	55000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
116.00	salt water	0.570
94.00	M-C-O-40% mud 60%oil	1.319
330.00	gas in pipe	4.629

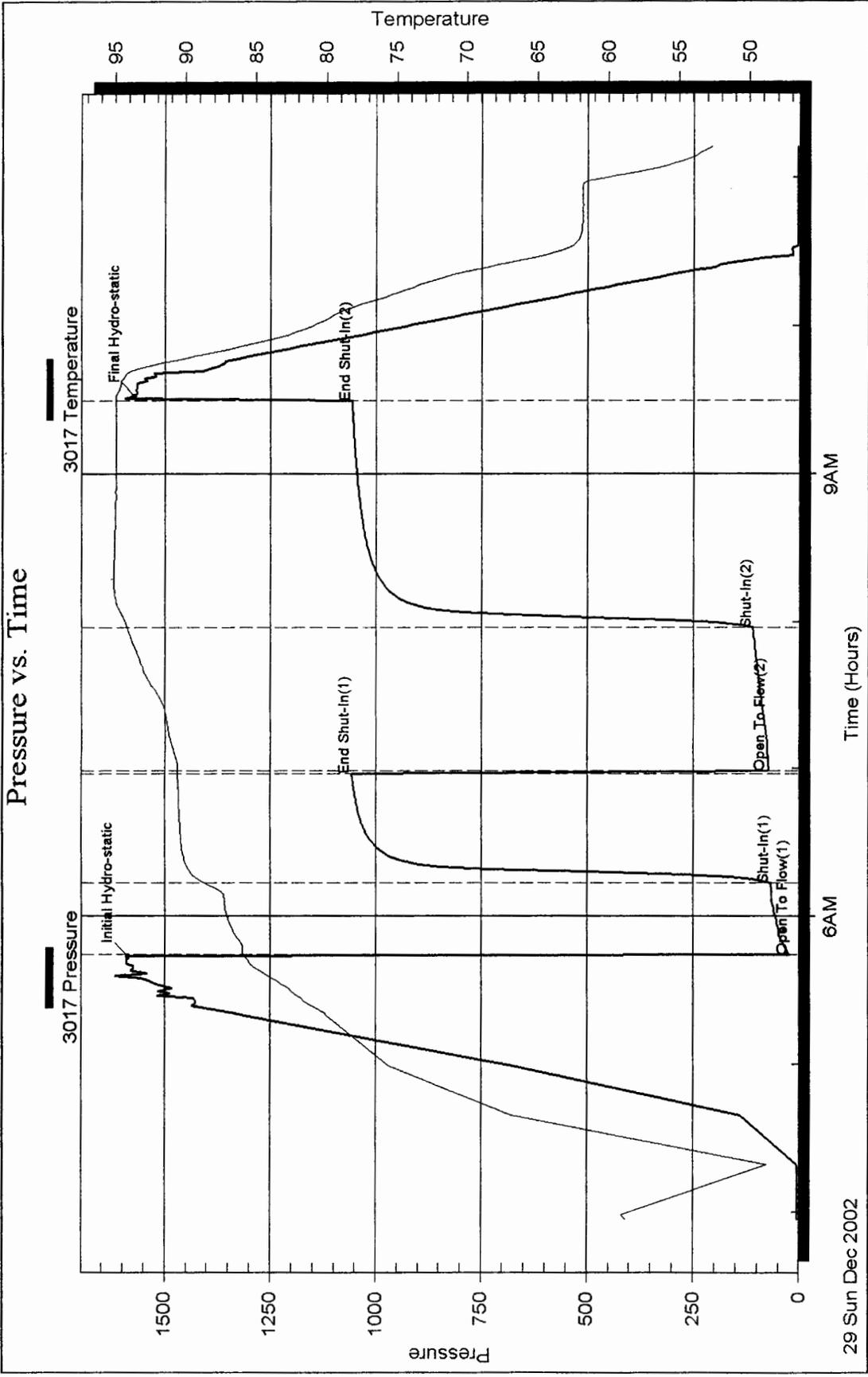
Total Length: 540.00 ft Total Volume: 6.518 bbl

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

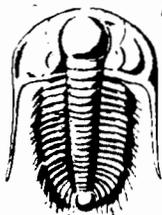
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



29 Sun Dec 2002



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16766

Test Ticket

Well Name & No. VERNA UNIT #30-1 Test No. #2 Date 12-29-02
 Company IMPERIAL AMERICAN OIL CORP. Zone Tested L, KC, - A-B+C
 Address 303 N. CARROLL BLVD, #214 DENTON, TX, 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY KILIAN Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 12S Rge. 16W Co. ELLIS State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3303 TO 3350 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 47 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 23,000
 Top Packer Depth 3298 Tool Weight 3100
 Bottom Packer Depth 3303 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3350 Wt. Pipe Run _____ Drill Collar Run 116
 Mud Wt. 9.1 LCM TR Vis. 46 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3180
 Blow Description IF - WEAR BUILT TO 1 1/2" IN ISF - NO BLOW
FF WEAK SURFACE BLOW FSI - NO BLOW

Recovery — Total Feet 60' GIP _____ Ft. in DC 60' Ft. in DP _____
 Rec. 60' Feet Of S.O.S. MUD %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 91 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1615</u>		<u>3017</u>	<u>17:30</u>
(B) First Initial Flow Pressure		<u>21</u>		(depth) <u>3311</u> 3295	T-Started <u>17:55</u>
(C) First Final Flow Pressure		<u>36</u>		Recorder No. <u>13308</u>	T-Open <u>19:39</u>
(D) Initial Shut-In Pressure		<u>520</u>		(depth) <u>3347</u>	T-Pulled <u>22:36</u>
(E) Second Initial Flow Pressure		<u>40</u>		Recorder No. _____	T-Out <u>00:11</u>
(F) Second Final Flow Pressure		<u>52</u>		(depth) _____	T-Off Location <u>00:45</u>
(G) Final Shut-in Pressure		<u>490</u>		Initial Opening <u>30</u>	Test <u>BOTTOM HOLE</u> 700
(Q) Final Hydrostatic Mud		<u>1605</u>		Initial Shut-in <u>45</u>	Jars _____
				Final Flow <u>45</u>	Safety Joint _____
				Final Shut-in <u>60</u>	Straddle _____

TRILOBITE TESTING INC. 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 _____

Our Representative

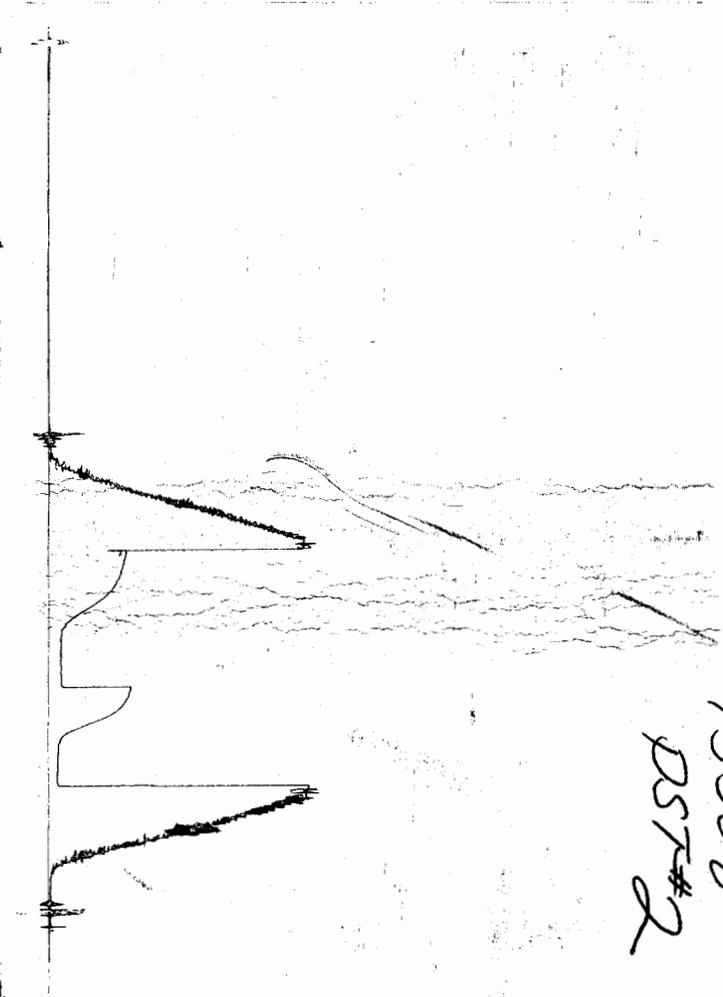
John J. Schmidt

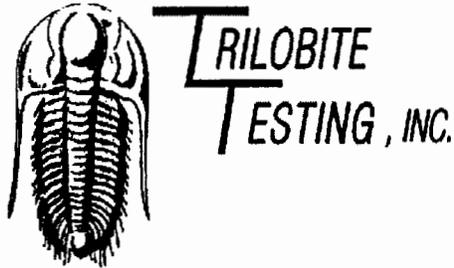
Elec. Rec. 150
 Mileage 17 17
 Other _____ 867
 TOTAL PRICE \$ _____

CHART PAGE

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

13308
DST#2





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N.Carroll Blvd.#214
Denton, Tx.76201

ATTN: Hal Porter

30--12s--16w

Verna Unit # 30-1

Start Date: 2002.12.29 @ 17:55:11

End Date: 2002.12.30 @ 00:11:41

Job Ticket #: 16766 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

Verna Unit # 30-1

30--12s--16w

DST # 2

L.K.C.-A-B&C

2002.12.29



DRILL STEM TEST REPORT

Imperial American Oil Corp. Verna Unit # 30-1

303 N.Carroll Blvd.#214 30-12s-16w
Denton, Tx. 76201

ATTN: Hal Porter Job Ticket: 16766 **DST#: 2**

Test Start: 2002.12.29 @ 17:55:11

GENERAL INFORMATION:

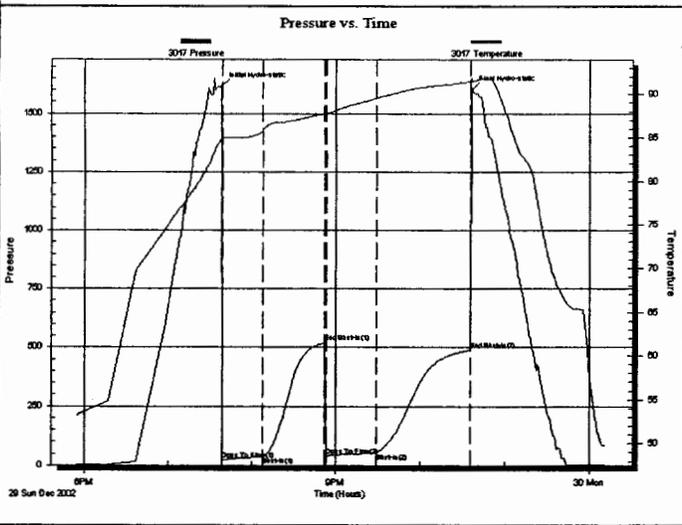
Formation: **L.Kc.-A-B&C**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 19:39:11 Tester: John Schridt
 Time Test Ended: 00:11:41 Unit No: 18

Interval: **3303.00 ft (KB) To 3350.00 ft (KB) (TVD)** Reference Elevations: 2083.00 ft (KB)
 Total Depth: 3350.00 ft (KB) (TVD) 2078.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 3017 Inside

Press@RunDepth: 52.47 psig @ 3311.01 ft (KB)	Capacity: 7000.00 psig
Start Date: 2002.12.29 End Date: 2002.12.30	Last Calib.: 2002.12.30
Start Time: 17:55:13 End Time: 00:11:41	Time On Btrm: 2002.12.29 @ 19:38:41
	Time Off Btrm: 2002.12.29 @ 22:36:41

TEST COMMENT: F-Weak Built to 1&1/2" in IS-no blow
 FF Weak Surface Blow FSI-no blow
 30-45-45-60



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.56	84.84	Initial Hydro-static
1	21.81	84.93	Open To Flow (1)
29	36.93	85.78	Shut-In(1)
74	520.73	87.73	End Shut-In(1)
75	40.37	87.77	Open To Flow (2)
111	52.47	89.53	Shut-In(2)
177	490.07	91.46	End Shut-In(2)
178	1605.32	91.48	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	S-O-S-mud	0.30

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Verna Unit # 30-1

303 N.Carroll Blvd.#214
Denton,Tx.76201

30-12s-16w

Job Ticket: 16766

DST#: 2

ATTN: Hal Porter

Test Start: 2002.12.29 @ 17:55:11

Tool Information

Drill Pipe:	Length: 3180.00 ft	Diameter: 3.80 inches	Volume: 44.61 bbl	Tool Weight: 3100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 63000.00 lb
			Total Volume: 45.18 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3303.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.02 ft			
Tool Length:	67.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3284.00	
S.I. Tool	5.00			3289.00	
HMV	5.00			3294.00	
Packer	4.00			3298.00	20.00 Bottom Of Top Packer
Packer	5.00			3303.00	
Stubb	1.00			3304.00	
Perforations	6.00			3310.00	
C.O. Sub	1.00			3311.00	
Recorder	0.01	3017	Inside	3311.01	
Blank Spacing	31.00			3342.01	
C.O. Sub	1.00			3343.01	
Perforations	4.00			3347.01	
Recorder	0.01	13308	Outside	3347.02	
Bullnose	3.00			3350.02	47.02 Bottom Packers & Anchor

Total Tool Length: 67.02

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16766 DST#: 2 Test Start: 2002.12.29 @ 17:55:11	

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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	S-O-S-mud	0.295

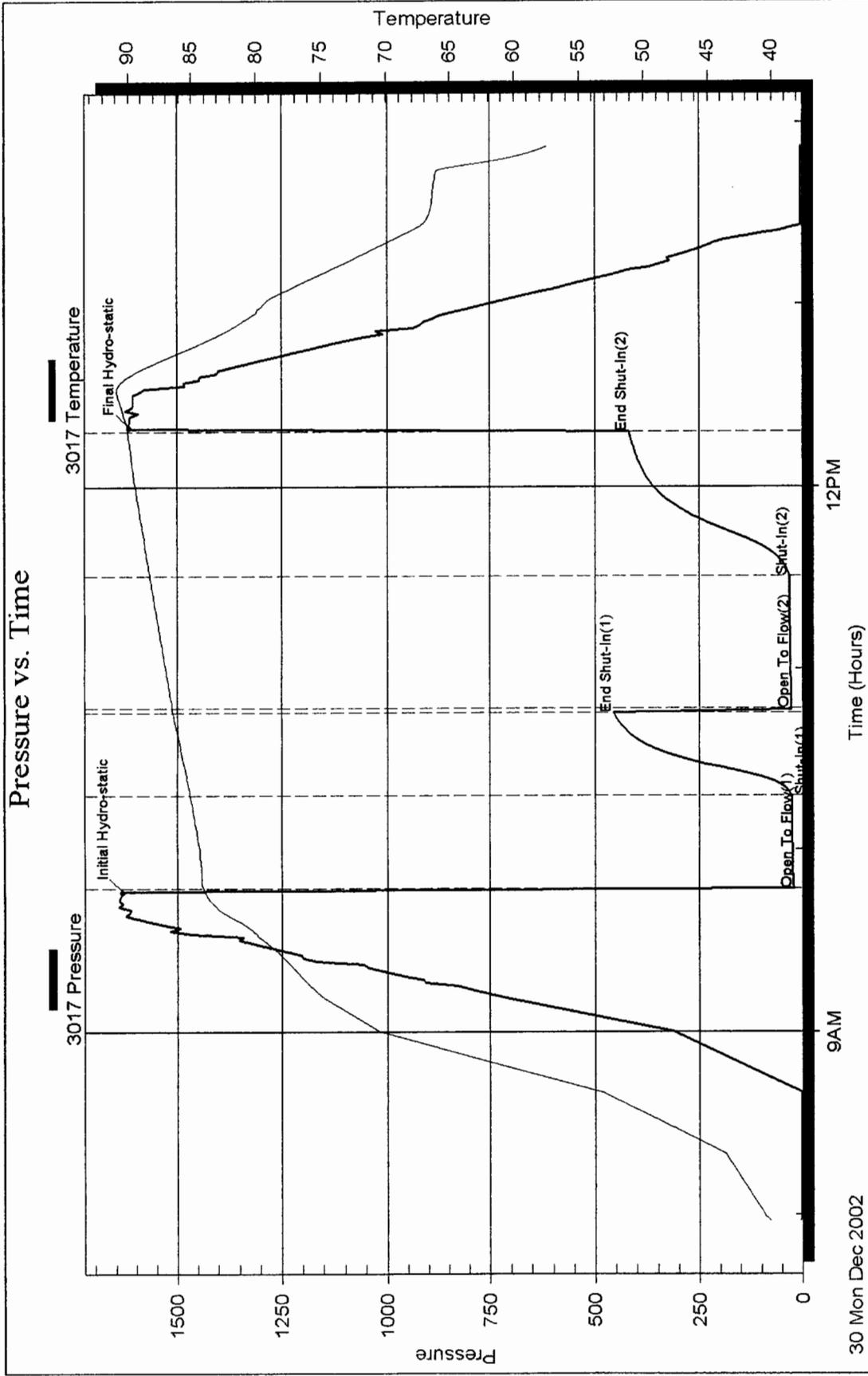
Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16767

Test Ticket

Well Name & No. VERNA UNIT # 30-1 Test No. # 3 Date 12-30-02
 Company IMPERIAL AMERICAN OIL CORP. Zone Tested L.K.C. - D9E4F
 Address 303 N. CARROLL BLVD. #214 DENTON, TX 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY KILIAN Cont. MURFIN #16 Est. Ft. of Pay Por. %
 Location: Sec. 30 Twp. 12S Rge. 16 W Co. ELLIS State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3347 TO 3396 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 49' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3342 Tool Weight 3100
 Bottom Packer Depth 3347 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3396 Wt. Pipe Run Drill Collar Run 116'
 Mud Wt. 9.1 LCM TR Vis. 47 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3242
 Blow Description F.F. - WEAK DEAD 20 MIN. FSI. NO BLOW
F.F. - DEAD FSI - NO BLOW

Recovery — Total Feet 5' GIP Ft. in DC 5' Ft. in DP
 Rec. 5 Feet Of DRILLING MVD %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 90 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 6,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		1633		3017	07:30
(B) First Initial Flow Pressure		20		3355	07:58
(C) First Final Flow Pressure		26		13308	09:47
(D) Initial Shut-In Pressure		456		3393	12:19
(E) Second Initial Flow Pressure		26			13:52
(F) Second Final Flow Pressure		31			14:30
(G) Final Shut-in Pressure		417		30	Test BOTTOM HOLE 700
(Q) Final Hydrostatic Mud		1616		30	Jars
				45	Safety Joint
				45	Straddle
					Circ. Sub
					Sampler
					Extra Packer
					Elec. Rec. <input checked="" type="checkbox"/> 150
					Mileage <u>17</u> 17
					Other <u> </u> #867
					TOTAL PRICE \$ <u> </u>

TRILOBITE TESTING INC. 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.

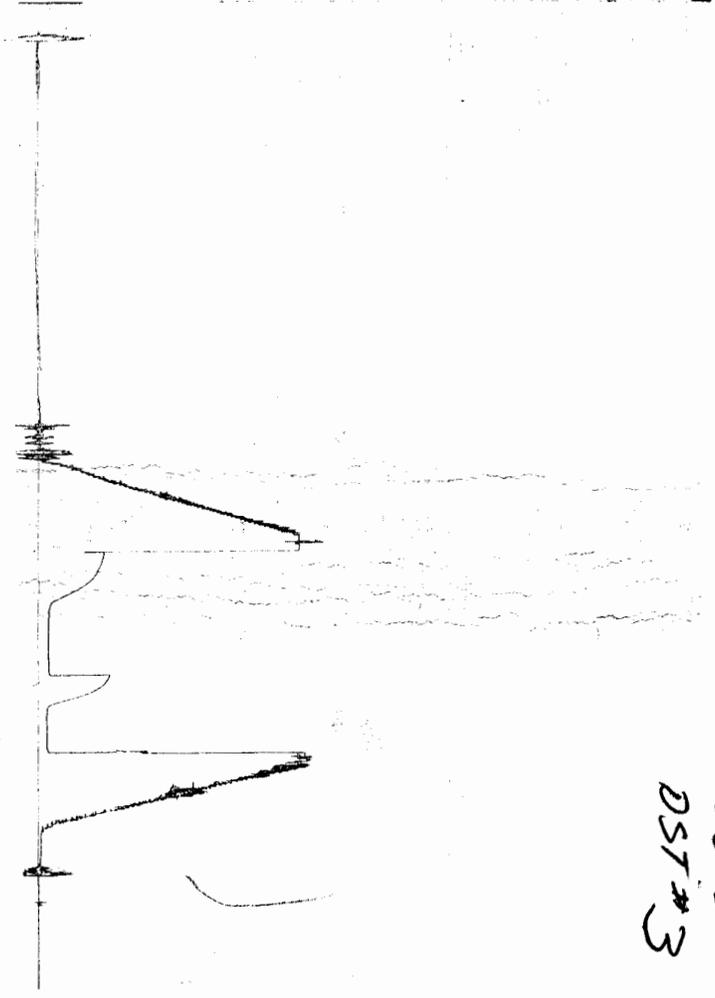
Approved By
 Our Representative John J. Schmidt

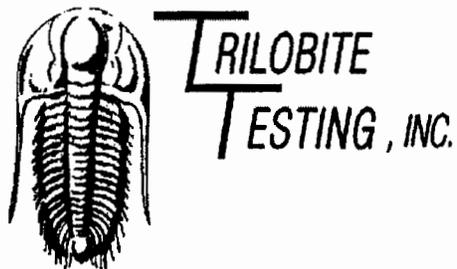
Mileage 17
 Other
 TOTAL PRICE \$

CHART PAGE

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

13308
DST#3





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N.Carroll Blvd.#214
Denton,Tx.76201

ATTN: Hal Porter

30--12s--16w

Verna Unit # 30-1

Start Date: 2002.12.30 @ 07:58:01

End Date: 2002.12.30 @ 13:52:01

Job Ticket #: 16767 DST #: 3

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

Imperial American Oil Corp.

Verna Unit # 30-1

30--12s--16w

DST # 3

L.Kc.-D&F

2002.12.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Imperial American Oil Corp. **Verna Unit # 30-1**

303 N.Carroll Blvd.#214 **30-12s-16w**
Denton, Tx. 76201

ATTN: Hal Porter Job Ticket: 16767 **DST#: 3**

Test Start: 2002.12.30 @ 07:58:01

GENERAL INFORMATION:

Formation: **L.Kc.-D&F**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 09:47:01
 Time Test Ended: 13:52:01

Test Type: **Conventional Bottom Hole**
 Tester: **John Schmidt**
 Unit No: **18**

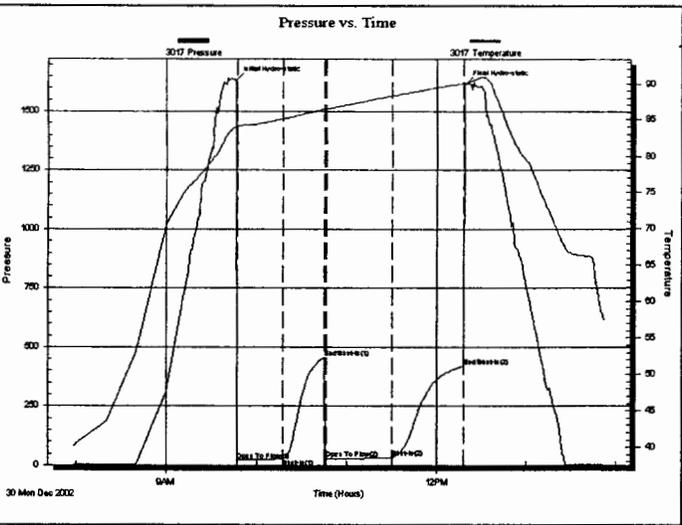
Interval: **3347.00 ft (KB) To 3396.00 ft (KB) (TVD)**
 Total Depth: **3396.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2083.00 ft (KB)**
2078.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 3017 Inside

Press@RunDepth: **31.28 psig @ 3355.01 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2002.12.30** End Date: **2002.12.30** Last Calib.: **2002.12.30**
 Start Time: **07:58:03** End Time: **13:52:01** Time On Btm: **2002.12.30 @ 09:46:01**
 Time Off Btm: **2002.12.30 @ 12:19:31**

TEST COMMENT: IF-Weak Dead 20 min. IS-no blow
 FF- Dead FSI-no blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1633.08	83.98	Initial Hydro-static
1	20.81	84.06	Open To Flow (1)
32	26.07	85.09	Shut-in(1)
59	456.24	86.47	End Shut-in(1)
61	26.78	86.51	Open To Flow (2)
105	31.28	88.28	Shut-in(2)
152	417.99	90.03	End Shut-in(2)
154	1616.38	90.08	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Verna Unit # 30-1

303 N.Carroll Blvd.#214
Denton,Tx.76201

30-12s-16w

Job Ticket: 16767

DST#: 3

ATTN: Hal Porter

Test Start: 2002.12.30 @ 07:58:01

Tool Information

Drill Pipe:	Length: 3242.00 ft	Diameter: 3.80 inches	Volume: 45.48 bbl	Tool Weight: 31000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 46.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3347.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.02 ft			
Tool Length:	69.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			3328.00	
S.I. Tool	5.00			3333.00	
HMV	5.00			3338.00	
Packer	4.00			3342.00	20.00 Bottom Of Top Packer
Packer	5.00			3347.00	
Stubb	1.00			3348.00	
Perforations	6.00			3354.00	
C.O. Sub	1.00			3355.00	
Recorder	0.01	3017	Inside	3355.01	
Blank Spacing	31.00			3386.01	
C.O. Sub	1.00			3387.01	
Perforations	6.00			3393.01	
Recorder	0.01	13308	Outside	3393.02	
Bullnose	3.00			3396.02	49.02 Bottom Packers & Anchor

Total Tool Length: 69.02

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16767 DST#: 3 Test Start: 2002.12.30 @ 07:58:01	

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:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

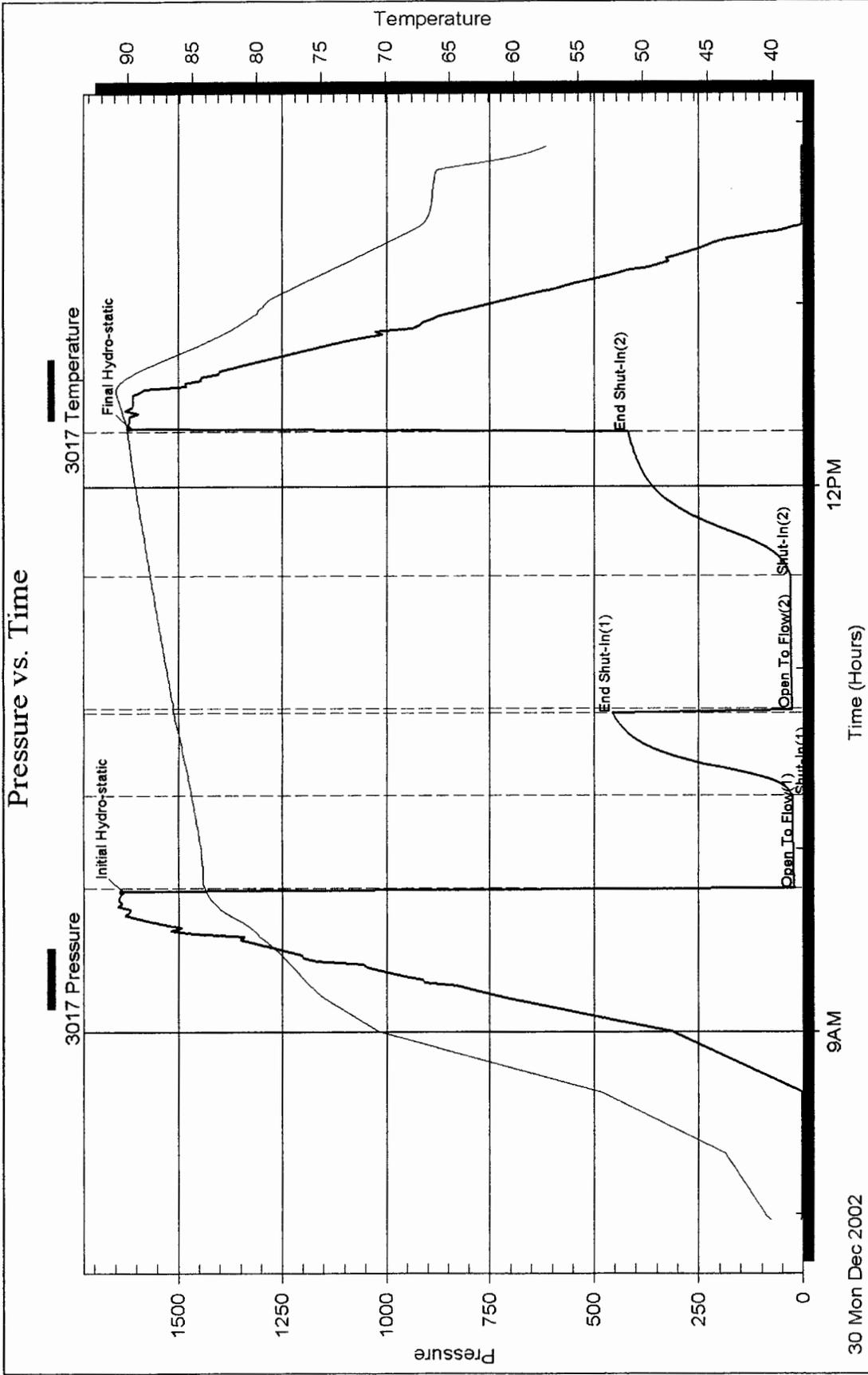
Recovery Information

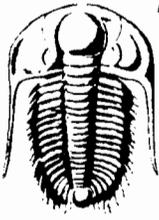
Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16768

Test Ticket

Well Name & No. VERNA UNIT #30-1 Test No. DST#4 Date 12-30-02
 Company IMPERIAL AMERICAN OIL CORP. Zone Tested L.K.C. - 6
 Address 303 N. CARROLL BLVD. #214 DENTON, TX. 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY KILIAN Cont. MURFIN #16 Est. Ft. of Pay Por. %
 Location: Sec. 30 Twp. 12S Rge. 16 W Co. ELLIS State KS.
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3398 To 3412 Initial Str Wt./Lbs. 60000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 14' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3393 Tool Weight 2,000
 Bottom Packer Depth 3398 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 3412 Wt. Pipe Run Drill Collar Run 116
 Mud Wt. 9.2 LCM TR. Vis. 45 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 327.3
 Blow Description IF. - WEAK SURFACE BLOW FSI. - NO BLOW
FF. - DEAD FSI. - DEAD

Recovery — Total Feet 5' GIP Ft. in DC 5' Ft. in DP
 Rec. 5 Feet Of 500.00 %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 91 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 6,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		1664		3017	19:15
(B) First Initial Flow Pressure		16	PSI	(depth) 3399	T-Started 19:44
(C) First Final Flow Pressure		19	PSI	Recorder No. 13308	T-Open 21:09
(D) Initial Shut-In Pressure		375	PSI	(depth) 3409	T-Pulled 00:10
(E) Second Initial Flow Pressure		19	PSI	Recorder No. <u> </u>	T-Out 01:35
(F) Second Final Flow Pressure		22	PSI	(depth) <u> </u>	T-Off Location 02:00
(G) Final Shut-in Pressure		364	PSI	Initial Opening 30	Test <u>BOTTOM HOLE 700</u>
(Q) Final Hydrostatic Mud		1623	PSI	Initial Shut-in 45	Jars <u> </u>
				Final Flow 45	Safety Joint <u> </u>
				Final Shut-in 60	Straddle <u> </u>

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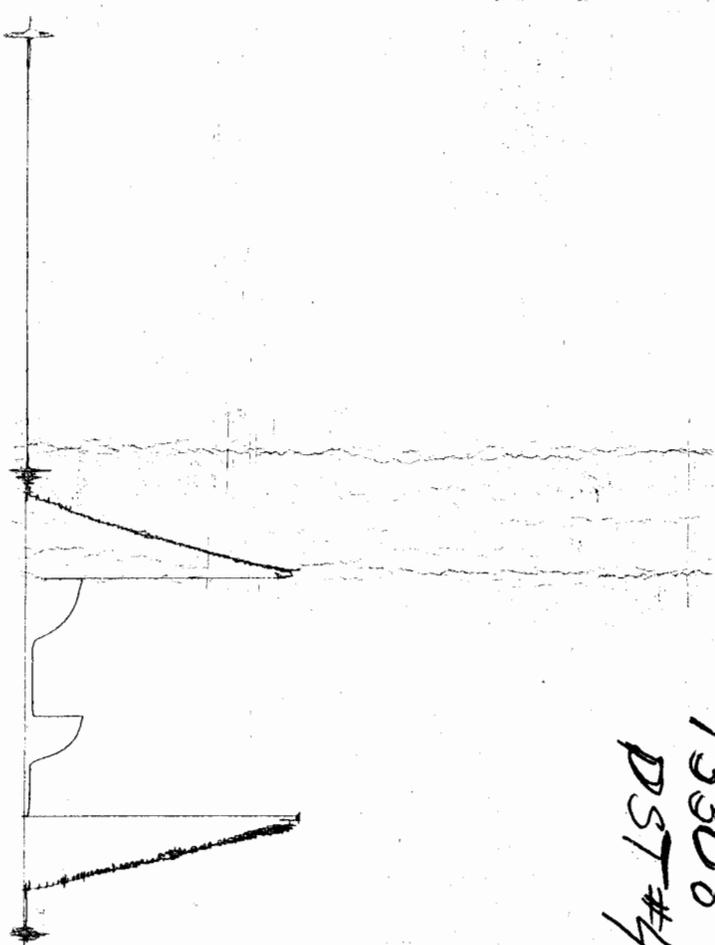
Approved By
 Our Representative John J. Schmidt

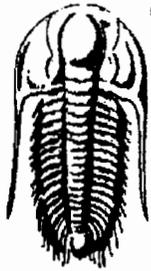
Extra Packer
 Elec. Rec. ✓ 150
 Mileage 17 17
 Other 1867
 TOTAL PRICE \$

CHART PAGE

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

13308
DST #4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N.Carroll Blvd.#214
Denton,Tx.76201

ATTN: Hal Porter

30-12s-16w

Verna Unit # 30-1

Start Date: 2002.12.30 @ 19:43:51

End Date: 2002.12.31 @ 01:35:51

Job Ticket #: 16768 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

Verna Unit # 30-1

30-12s-16w

DST # 4

L.Kc-G

2002.12.30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Imperial American Oil Corp. **Verna Unit # 30-1**

303 N.Carroll Blvd.#214 **30--12s--16w**

Denton, Tx. 76201 Job Ticket: 16768 **DST#: 4**

ATTN: Hal Porter Test Start: 2002.12.30 @ 19:43:51

GENERAL INFORMATION:

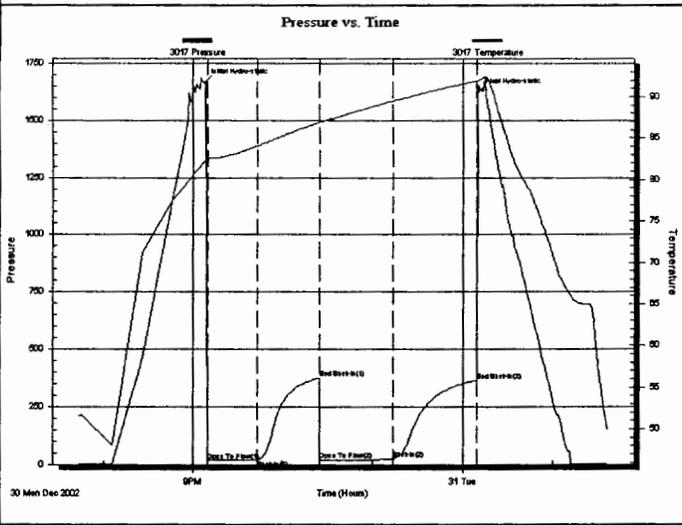
Formation: **L.Kc.-G**
 Deviated: **No Whipstock:** **ft (KB)**
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **21:09:51**
 Tester: **John Schmidt**
 Time Test Ended: **01:35:51**
 Unit No: **18**

Interval: **3398.00 ft (KB) To 3412.00 ft (KB) (TVD)**
 Reference Elevations: **2083.00 ft (KB)**
 Total Depth: **3412.00 ft (KB) (TVD)**
2078.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: 5.00 ft

Serial #: 3017 Inside

Press@RunDepth: 22.33 psig @ 3399.01 ft (KB)	Capacity: 7000.00 psig
Start Date: 2002.12.30	End Date: 2002.12.31
Start Time: 19:43:53	End Time: 01:35:51
	Last Calib.: 2002.12.31
	Time On Btm: 2002.12.30 @ 21:08:21
	Time Off Btm: 2002.12.31 @ 00:10:21

TEST COMMENT: IF-Weak Surface blow IS-no blow
 FF-Dead FSI-no blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.82	82.22	Initial Hydro-static
2	16.46	82.46	Open To Flow (1)
35	19.77	84.07	Shut-In(1)
76	375.63	86.89	End Shut-In(1)
77	19.45	86.92	Open To Flow (2)
125	22.33	89.49	Shut-In(2)
181	364.72	91.92	End Shut-In(2)
182	1623.33	91.93	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	S.O.C.M	0.02

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Verna Unit # 30-1

303 N.Carroll Blvd.#214
Denton, Tx. 76201

30-12s-16w

Job Ticket: 16768

DST#: 4

ATTN: Hal Porter

Test Start: 2002.12.30 @ 19:43:51

Tool Information

Drill Pipe:	Length: 3273.00 ft	Diameter: 3.80 inches	Volume: 45.91 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 46.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3398.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.02 ft			
Tool Length:	34.02 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			3379.00	
S.I. Tool	5.00			3384.00	
HMV	5.00			3389.00	
Packer	4.00			3393.00	20.00 Bottom Of Top Packer
Packer	5.00			3398.00	
Stubb	1.00			3399.00	
Recorder	0.01	3017	Inside	3399.01	
Perforations	10.00			3409.01	
Recorder	0.01	13308	Outside	3409.02	
Bullnose	3.00			3412.02	14.02 Bottom Packers & Anchor
Total Tool Length:	34.02				

 <p style="font-size: 2em; margin: 0;">TRILOBITE</p> <p style="font-size: 1.5em; margin: 0;">TESTING, INC.</p>	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16768 Test Start: 2002.12.30 @ 19:43:51	

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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	S.O.C.M	0.025

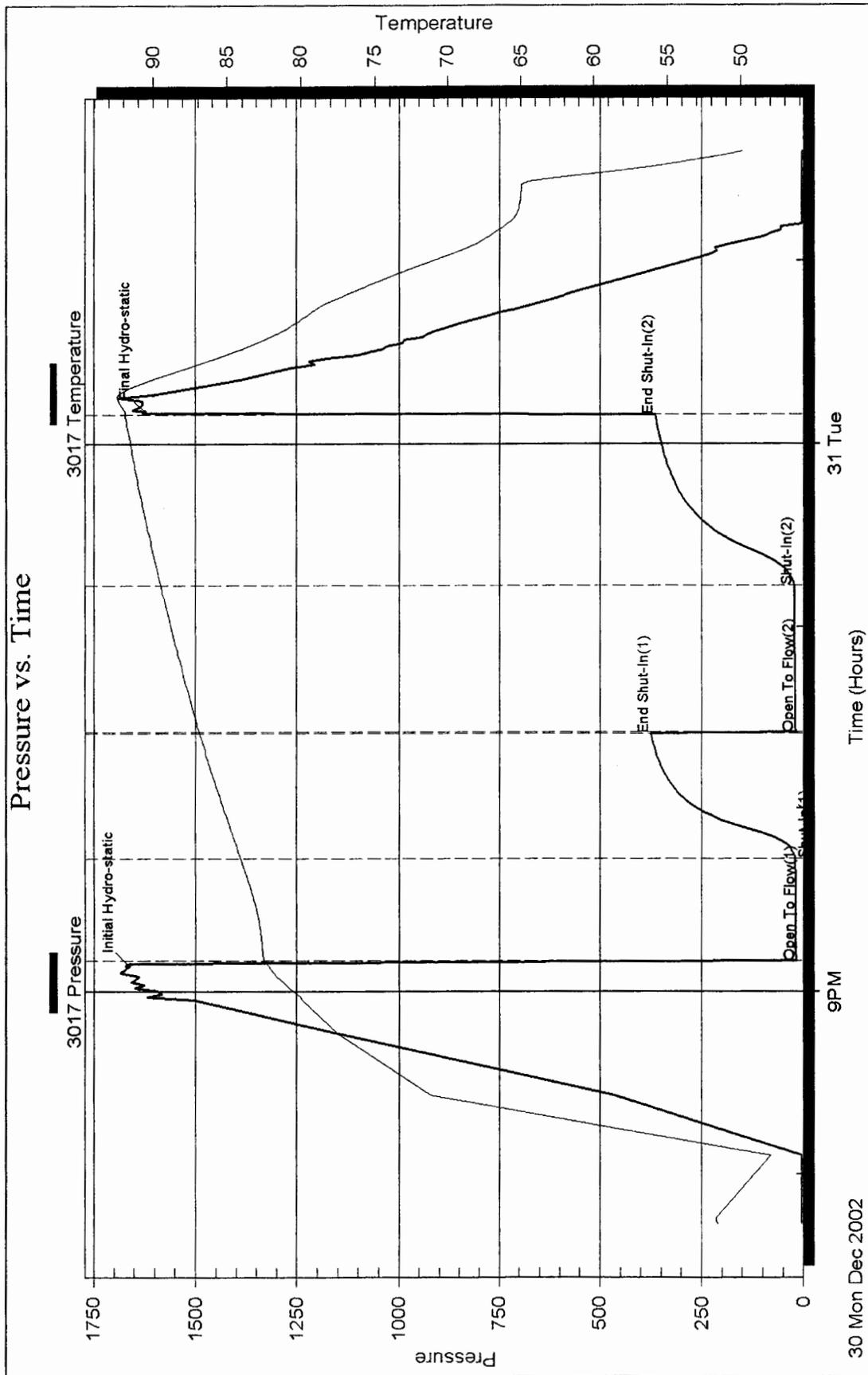
Total Length: 5.00 ft Total Volume: 0.025 bbl

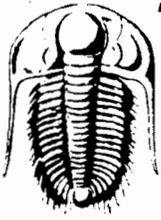
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16769

Test Ticket

Well Name & No. VERNA UNIT #30-1 Test No. #5 Date 12-31-02
 Company IMPERIAL AMERICAN OIL CORP. Zone Tested L.K.C. - I, J, K
 Address 303 N. CARROLL BLVD #214 DENTON, TX. 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY KILIAN Cont. MURFIN #16 Est. Ft. of Pay Por. %
 Location: Sec. 30 Twp. 12 S Rge. 16 W Co. ELLIS State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3459 To 3525 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 66 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3454 Tool Weight 3300
 Bottom Packer Depth 3459 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3525 Wt. Pipe Run Drill Collar Run 116'
 Mud Wt. 9.2 LCM 1/2* Vis. 52 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3334
 Blow Description FF - WEAK SURFACE BLOW FSI - NO BLOW
FF - WEAK SURFACE BLOW FSI - NO BLOW

Recovery — Total Feet 30' GIP 60 Ft. in DC 30' Ft. in DP
 Rec. 30' Feet Of SOCM %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 91 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 5,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1704</u>		<u>3017</u>	<u>14:15</u>
(B) First Initial Flow Pressure		<u>21</u>		(depth) <u>3465</u>	T-Started <u>15:10</u>
(C) First Final Flow Pressure		<u>29</u>		Recorder No. <u>13308</u>	T-Open <u>16:53</u>
(D) Initial Shut-In Pressure		<u>790</u>		(depth) <u>3522</u>	T-Pulled <u>19:53</u>
(E) Second Initial Flow Pressure		<u>31</u>		Recorder No. <u> </u>	T-Out <u>21:27</u>
(F) Second Final Flow Pressure		<u>39</u>		(depth) <u> </u>	T-Off Location <u>22:00</u>
(G) Final Shut-in Pressure		<u>649</u>		Initial Opening <u>30</u>	Test <u>BOTTOM HOLE</u>
(Q) Final Hydrostatic Mud		<u>1695</u>		Initial Shut-in <u>45</u>	Jars <u> </u>
				Final Flow <u>45</u>	Safety Joint <u> </u>
				Final Shut-in <u>60</u>	Straddle <u> </u>

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Approved By Randy Kilian
 Our Representative John J. Schmidt

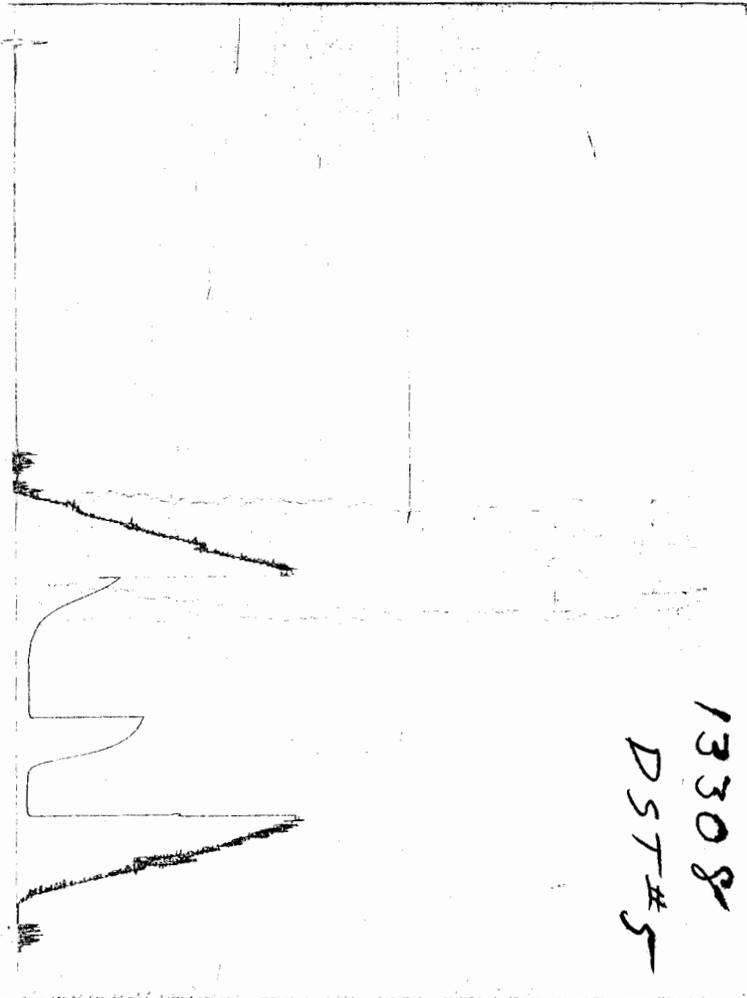
Extra Packer
 Elec. Rec.
 Mileage 17
 Other
 TOTAL PRICE \$

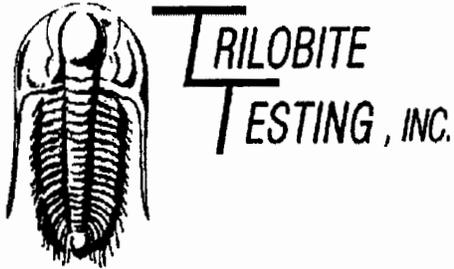
CHART PAGE

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

13308

DST#5





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N.Carroll Blvd.#214
Denton, Tx.76201

ATTN: Hal Porter

30--12s--16w

Verna Unit # 30-1

Start Date: 2002.12.31 @ 15:10:04

End Date: 2002.12.31 @ 21:27:34

Job Ticket #: 16769 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

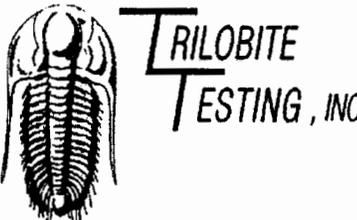
Verna Unit # 30-1

30--12s--16w

DST # 5

L.Kc.-J.J&k

2002.12.31



DRILL STEM TEST REPORT

Imperial American Oil Corp.
303 N. Carroll Blvd. #214
Denton, Tx. 76201
ATTN: Hal Porter

Verna Unit # 30-1
30-12s-16w
Job Ticket: 16769 DST#: 5
Test Start: 2002.12.31 @ 15:10:04

GENERAL INFORMATION:

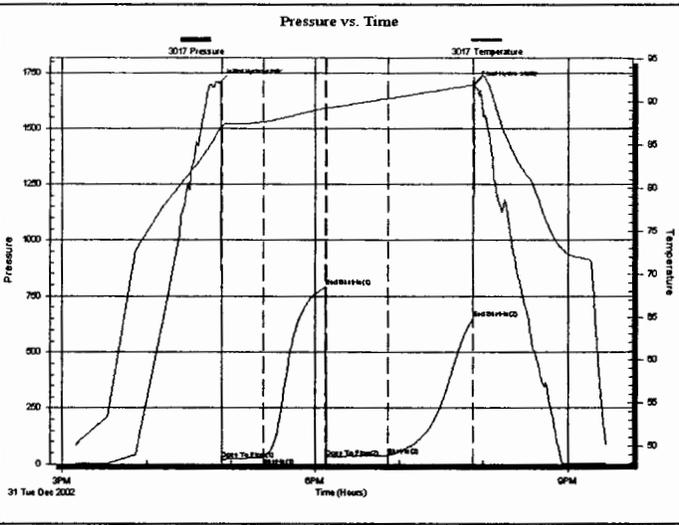
Formation: **L.Kc.-I,J&k**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **16:53:34**
 Tester: **John Schmidt**
 Time Test Ended: **21:27:34**
 Unit No: **18**

Interval: **3459.00 ft (KB) To 3525.00 ft (KB) (TVD)**
 Reference Elevations: 2083.00 ft (KB)
 Total Depth: 3525.00 ft (KB) (TVD) 2078.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: **Fair** KB to GR/CF: 5.00 ft

Serial #: 3017 Inside

Press@RunDepth:	39.47 psig @	3465.01 ft (KB)	Capacity:	7000.00 psig	
Start Date:	2002.12.31	End Date:	2002.12.31	Last Calib.:	2002.12.31
Start Time:	15:10:06	End Time:	21:27:34	Time On Btm:	2002.12.31 @ 16:52:04
				Time Off Btm:	2002.12.31 @ 19:53:34

TEST COMMENT: IF-Weak Surface Blow ISI-no blow
 FF-Weak Surface Blow FSI-no blow
 30-45-45-60



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.28	86.84	Initial Hydro-static
2	21.21	87.18	Open To Flow (1)
31	29.44	87.66	Shut-In(1)
76	790.05	89.25	End Shut-In(1)
76	31.32	89.28	Open To Flow (2)
120	39.47	90.41	Shut-In(2)
181	649.50	91.97	End Shut-In(2)
182	1695.63	91.98	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	SOCM	0.15
60.00	gas in pipe	0.30

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Verna Unit # 30-1

303 N.Carroll Blvd.#214
Denton, Tx.76201

30-12s-16w

Job Ticket: 16769

DST#: 5

ATTN: Hal Porter

Test Start: 2002.12.31 @ 15:10:04

Tool Information

Drill Pipe:	Length: 3334.00 ft	Diameter: 3.80 inches	Volume: 46.77 bbl	Tool Weight: 3300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 47.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3459.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.02 ft			
Tool Length:	86.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			3440.00	
S.I. Tool	5.00			3445.00	
HMV	5.00			3450.00	
Packer	4.00			3454.00	20.00 Bottom Of Top Packer
Packer	5.00			3459.00	
Stubb	1.00			3460.00	
Perforations	4.00			3464.00	
C.O. Sub	1.00			3465.00	
Recorder	0.01	3017	Inside	3465.01	
Blank Spacing	31.00			3496.01	
C.O. Sub	1.00			3497.01	
Perforations	25.00			3522.01	
Recorder	0.01	30308	Outside	3522.02	
Bullnose	3.00			3525.02	66.02 Bottom Packers & Anchor

Total Tool Length: 86.02

 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT	FLUID SUMMARY	
	Imperial American Oil Corp.	Verna Unit # 30-1	
	303 N.Carroll Blvd.#214 Denton,Tx.76201	30-12s-16w	Job Ticket: 16769 DST#: 5
ATTN: Hal Porter	Test Start: 2002.12.31 @ 15:10:04		

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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM	0.148
60.00	gas in pipe	0.295

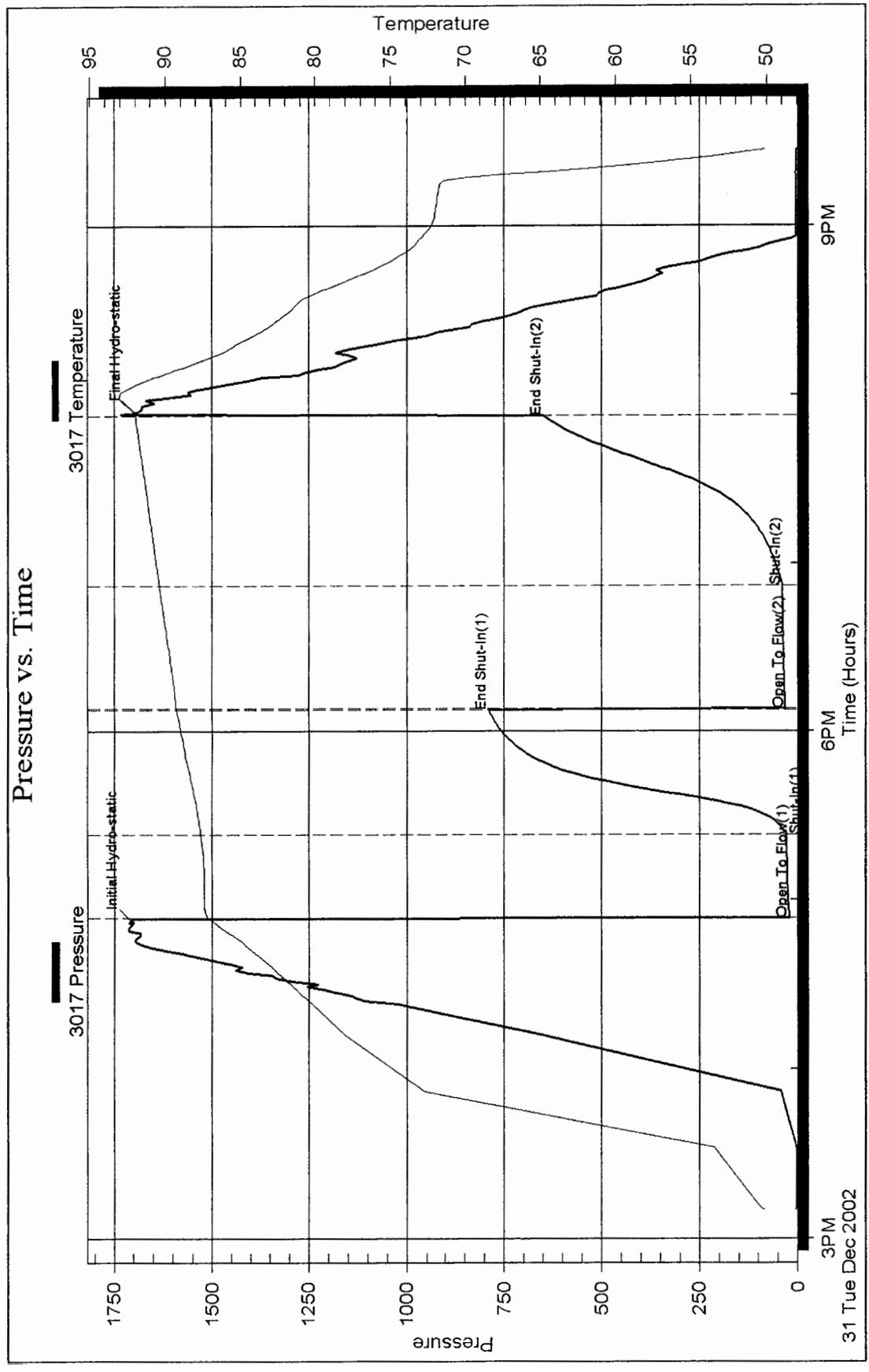
Total Length: 90.00 ft Total Volume: 0.443 bbl

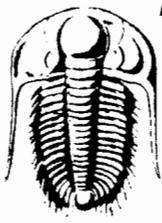
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16770

Test Ticket

Well Name & No. VERNA UNIT #30-1 Test No. #6 Date 1-1-03
 Company IMPERIAL AMERICAN OIL CORP Zone Tested ARBUCKLE
 Address 303 N. CARROLL BLVD. #214 DENTON, TX. 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY KILIAN Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 12 S Rge. 16 W Co. ELLIS State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3555 To 3580 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 25' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 3550 Tool Weight 3,000
 Bottom Packer Depth 3555 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3580 Wt. Pipe Run _____ Drill Collar Run 116'
 Mud Wt. 9.2 LCM 1/2 # Vis. 52 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3426
 Blow Description IF-WEAK SURFACE BLOW ISF-DEAD
FF-DEAD FSI-DEAD

Recovery — Total Feet 10' GIP _____ Ft. in DC 10 Ft. in DP _____
 Rec. 10 Feet Of DRILLING MUD %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 95 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1767</u>		<u>3017</u>	<u>06:00</u>
(B) First Initial Flow Pressure		<u>18</u>		(depth) <u>3557</u>	T-Started <u>06:30</u>
(C) First Final Flow Pressure		<u>25</u>		Recorder No. <u>13308</u>	T-Open <u>08:14</u>
(D) Initial Shut-In Pressure		<u>1066</u>		(depth) <u>3577</u>	T-Pulled <u>10:47</u>
(E) Second Initial Flow Pressure		<u>26</u>		Recorder No. _____	T-Out <u>12:14</u>
(F) Second Final Flow Pressure		<u>34</u>		(depth) _____	T-Off Location <u>13:00</u>
(G) Final Shut-in Pressure		<u>1089</u>		Initial Opening <u>30</u>	Test <u>BOTTOM HOLE</u>
(Q) Final Hydrostatic Mud		<u>1726</u>		Initial Shut-in <u>30</u>	Jars _____
				Final Flow <u>45</u>	Safety Joint _____
				Final Shut-in <u>45</u>	Straddle _____

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Approved By _____
 Our Representative John J. Schmidt

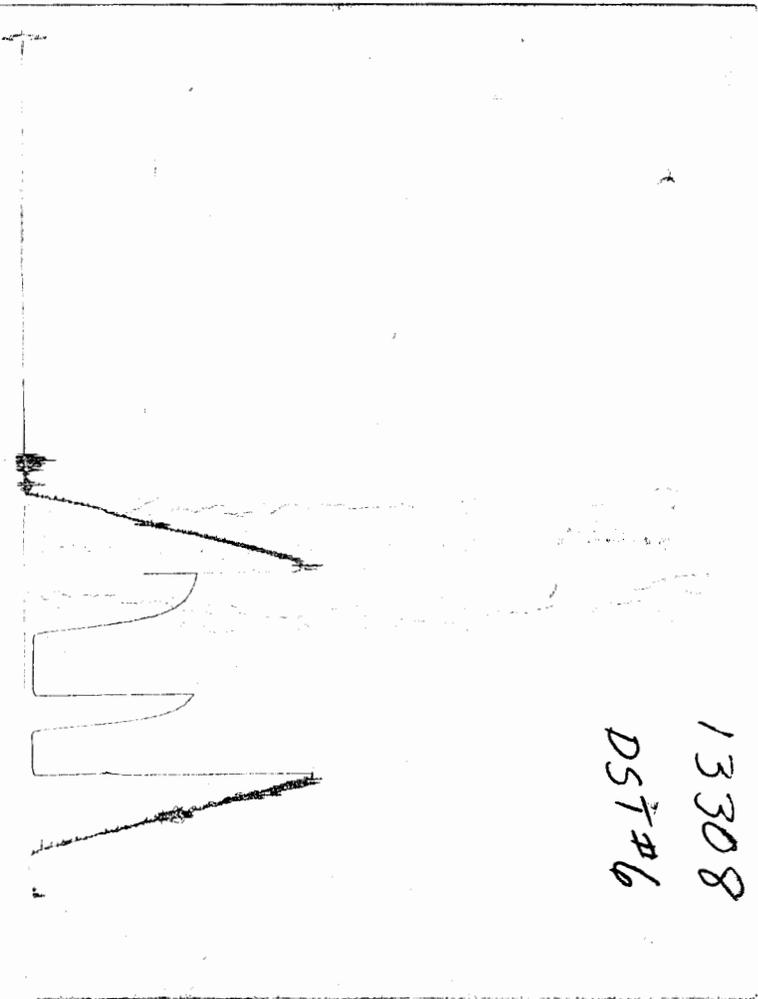
Extra Packer _____
 Elec. Rec.
 Mileage 17
 Other _____
 TOTAL PRICE \$ _____

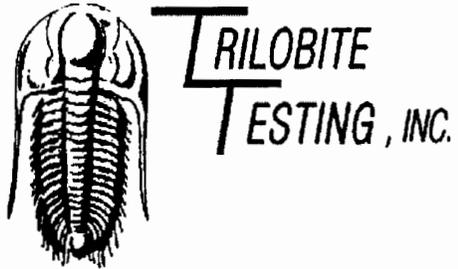
CHART PAGE

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

13308

DSI #6





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N.Carroll Blvd.#214
Denton,Tx.76201

ATTN: Hal Porter

30--12s--16w

Verna Unit # 30-1

Start Date: 2003.01.01 @ 06:30:02

End Date: 2003.01.01 @ 12:14:02

Job Ticket #: 16770 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

Verna Unit # 30-1

30--12s--16w

DST # 6

Arbuckle

2003.01.01

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16770 DST#: 6 Test Start: 2003.01.01 @ 06:30:02

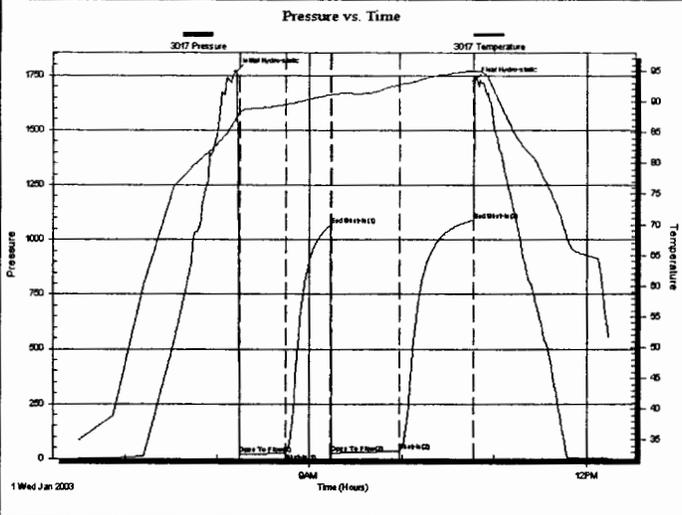
GENERAL INFORMATION:

Formation: Arbuckle	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: John Schmidt
Time Tool Opened: 08:14:32	Unit No: 18
Time Test Ended: 12:14:02	Reference Elevations: 2083.00 ft (KB)
Interval: 3555.00 ft (KB) To 3580.00 ft (KB) (TVD)	2078.00 ft (CF)
Total Depth: 3580.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

Serial #: 3017 Inside

Press@RunDepth: 34.53 psig @ 3557.01 ft (KB)	Capacity: 7000.00 psig
Start Date: 2003.01.01	End Date: 2003.01.01
Start Time: 06:30:04	End Time: 12:14:02
	Last Calib.: 2003.01.01
	Time On Btm: 2003.01.01 @ 08:12:02
	Time Off Btm: 2003.01.01 @ 10:47:02

TEST COMMENT: IF-Weak Surface Blow IS-Dead
 FF-Dead FSI-Dead
 30-30-45-45



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1767.66	87.15	Initial Hydro-static
3	18.79	88.14	Open To Flow (1)
33	25.11	89.52	Shut-In(1)
62	1066.65	91.13	End Shut-In(1)
63	26.10	91.17	Open To Flow (2)
107	34.53	92.74	Shut-In(2)
155	1089.66	95.01	End Shut-In(2)
155	1726.71	95.01	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.
303 N.Carroll Blvd.#214
Denton,Tx.76201
ATTN: Hal Porter

Verna Unit # 30-1
30-12s-16w
Job Ticket: 16770 **DST#: 6**
Test Start: 2003.01.01 @ 06:30:02

Tool Information

Drill Pipe:	Length: 3426.00 ft	Diameter: 3.80 inches	Volume: 48.06 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 48.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3555.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.02 ft			
Tool Length:	45.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3536.00	
S.I. Tool	5.00			3541.00	
HMV	5.00			3546.00	
Packer	4.00			3550.00	20.00 Bottom Of Top Packer
Packer	5.00			3555.00	
Stubb	1.00			3556.00	
Perforations	1.00			3557.00	
Recorder	0.01	3017	Inside	3557.01	
Perforations	20.00			3577.01	
Recorder	0.01	13308	Outside	3577.02	
Bullnose	3.00			3580.02	25.02 Bottom Packers & Anchor

Total Tool Length: 45.02

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	FLUID SUMMARY
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16770 DST#: 6 Test Start: 2003.01.01 @ 06:30:02

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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.049

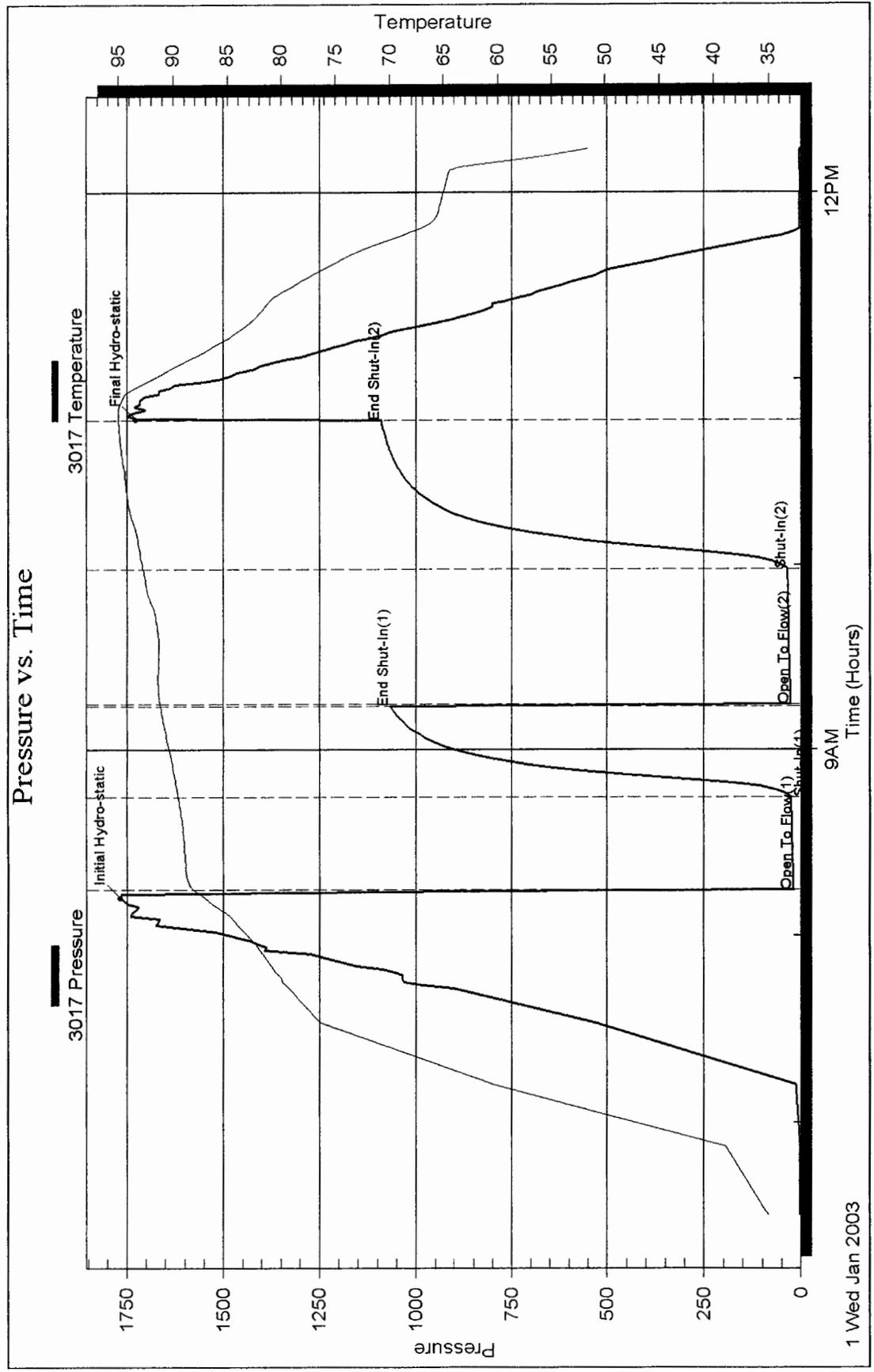
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16771

Test Ticket

Well Name & No. VERNA UNIT #30-1 Test No. #7 Date 1-1-03
 Company IMPERIAL AMERICAN OIL CORP. Zone Tested ARBUCKLE
 Address 303 N. CARROLL BLVD, #214 DENTON, TX, 76201 Elevation 2083 KB 2078 GL
 Co. Rep / Geo. RANDY MILIAU Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 12S Rge. 16W Co. ELLIS State TX
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3580 TO 3595 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 47,000
 Anchor Length 15' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3575 Tool Weight 2500
 Bottom Packer Depth 3580 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3595 Wt. Pipe Run _____ Drill Collar Run 116'
 Mud Wt. 9.3 LCM TR Vis. 46 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3457
 Blow Description IF. STRONG B.O.B. 15-SEC. ISI. - WEAK BLOW BACK
FF. - STRONG B.O.B. 15-SEC. FSI. - DEAD

Recovery — Total Feet 2,300 GIP _____ Ft. in DC 116 Ft. in DP 2184
 Rec. 2,300 Feet Of SALT WATER %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 107 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW .21 @ 58 °F Chlorides 42,000 ppm Recovery Chlorides 5,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1781</u>		<u>3017</u>	<u>17:30</u>
(B) First Initial Flow Pressure		<u>427</u>		<u>3582</u>	<u>18:24</u>
(C) First Final Flow Pressure		<u>809</u>		<u>13308</u>	<u>20:01</u>
(D) Initial Shut-In Pressure		<u>1142</u>		<u>3592</u>	<u>22:00</u>
(E) Second Initial Flow Pressure		<u>842</u>			<u>00:27</u>
(F) Second Final Flow Pressure		<u>1060</u>			<u>01:15</u>
(G) Final Shut-in Pressure		<u>1144</u>		<u>15</u>	Test <u>BOTTOM HOLE</u>
(Q) Final Hydrostatic Mud		<u>1748</u>		<u>30</u>	Jars _____
				<u>15</u>	Safety Joint _____
				<u>60</u>	Straddle _____

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Approved By _____

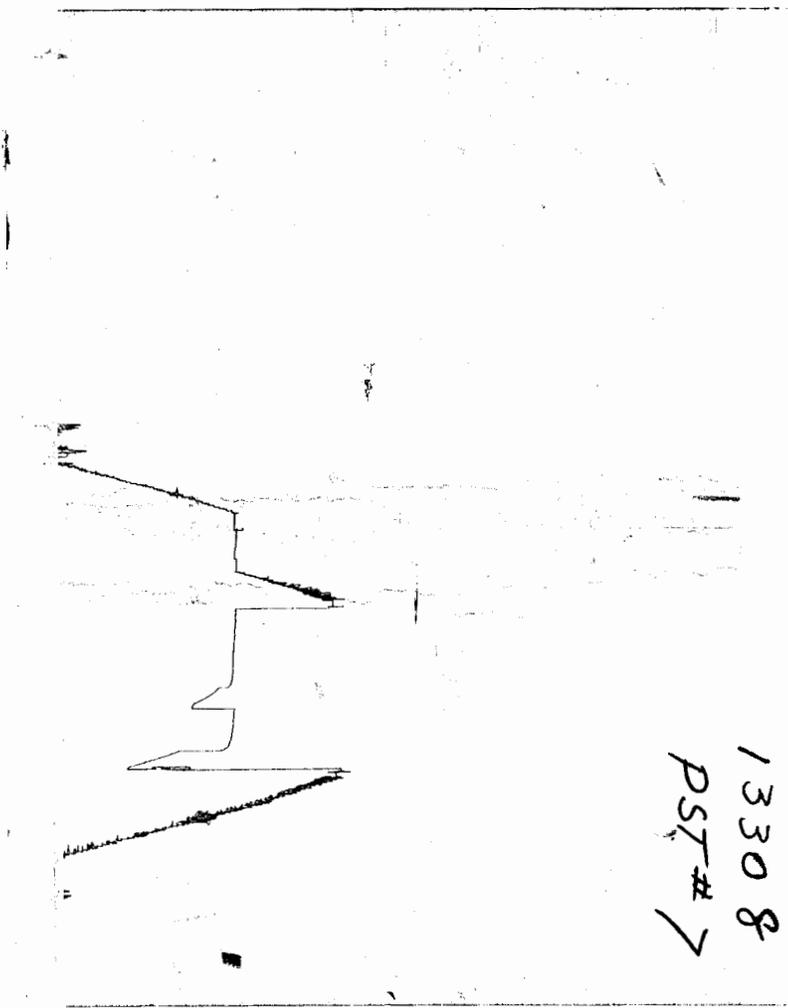
Our Representative

John J. Schmidt

Circ. Sub
 Sampler _____
 Extra Packer _____
 Elec. Rec.
 Mileage 17
 Other _____
 TOTAL PRICE \$ _____

CHART PAGE

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





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

303 N.Carroll Blvd.#214
Denton,Tx.76201

ATTN: Hal Porter

30--12s--16w

Verna Unit # 30-1

Start Date: 2003.01.01 @ 18:24:41

End Date: 2003.01.02 @ 00:27:11

Job Ticket #: 16771 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

Verna Unit # 30-1

30--12s--16w

DST # 7

Arbuckle

2003.01.01

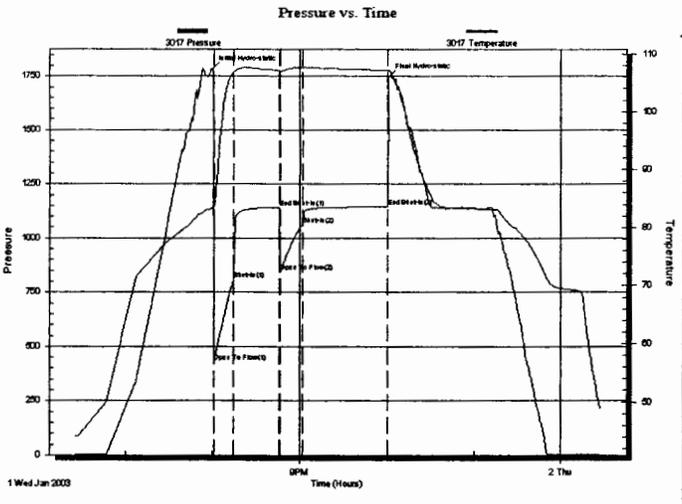
 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT	
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton, Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16771 DST#: 7 Test Start: 2003.01.01 @ 18:24:41

GENERAL INFORMATION:

Formation: Arbuckle	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: John Schmidt
Time Tool Opened: 20:01:11	Unit No: 18
Time Test Ended: 00:27:11	Reference Elevations: 2083.00 ft (KB)
Interval: 3580.00 ft (KB) To 3595.00 ft (KB) (TVD)	2078.00 ft (CF)
Total Depth: 3595.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

Serial #: 3017 Inside	Capacity: 7000.00 psig
Press@RunDepth: 1060.32 psig @ 3582.01 ft (KB)	Last Calib.: 2003.01.02
Start Date: 2003.01.01 End Date: 2003.01.02	Time On Btm: 2003.01.01 @ 20:00:11
Start Time: 18:24:43 End Time: 00:27:11	Time Off Btm: 2003.01.01 @ 22:00:41

TEST COMMENT: F-



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1781.02	83.38	Initial Hydro-static
1	427.72	83.55	Open To Flow (1)
15	809.58	106.81	Shut-In(1)
46	1142.21	107.12	End Shut-In(1)
47	842.71	107.12	Open To Flow (2)
62	1060.32	107.66	Shut-In(2)
120	1144.94	107.22	End Shut-In(2)
121	1748.90	107.22	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
2300.00	Salt Water	31.21

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Verna Unit # 30-1

303 N.Carroll Blvd.#214
Denton,Tx.76201

30-12s-16w

Job Ticket: 16771

DST#:7

ATTN: Hal Porter

Test Start: 2003.01.01 @ 18:24:41

Tool Information

Drill Pipe:	Length: 3457.00 ft	Diameter: 3.80 inches	Volume: 48.49 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 49.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3580.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.02 ft			
Tool Length:	35.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3561.00	
S.I. Tool	5.00			3566.00	
HMV	5.00			3571.00	
Packer	4.00			3575.00	20.00 Bottom Of Top Packer
Packer	5.00			3580.00	
Stubb	1.00			3581.00	
Perforations	1.00			3582.00	
Recorder	0.01	3017	Inside	3582.01	
Perforations	10.00			3592.01	
Recorder	0.01	13308	Outside	3592.02	
Bullnose	3.00			3595.02	15.02 Bottom Packers & Anchor

Total Tool Length: 35.02

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	FLUID SUMMARY
	Imperial American Oil Corp. 303 N.Carroll Blvd.#214 Denton,Tx.76201 ATTN: Hal Porter	Verna Unit # 30-1 30-12s-16w Job Ticket: 16771 DST#: 7 Test Start: 2003.01.01 @ 18:24:41

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:	42000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2300.00	Salt Water	31.206

Total Length: 2300.00 ft Total Volume: 31.206 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

