

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name CLASSEN #2-4 Test No. 1 Date 7/27/94
Company AEXCO PETROLEUM, INC. Zone MORROW
Address 1660 LINCOLN ST. SUITE 2812 DENVER 80264 Elevation 2392
Co. Rep./Geo. JERRY ALMOND Cont. ALLEN DRILLING #5 Est. Ft. of Pay 3
Location: Sec. 4 Twp. 33S Rge. 27W Co. MEADE State KS

Interval Tested	<u>5588-5753</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>165</u>	Wt. Pipe I.D. - 2.7 Ft. Run	<u> </u>
Top Packer Depth	<u>5583</u>	Drill Collar - 2.25 Ft. Run	<u>537</u>
Bottom Packer Depth	<u>5588</u>	Mud Wt.	<u>9.4</u> lb/Gal.
Total Depth	<u>5753</u>	Viscosity	<u>53</u> Filtrate <u>9.6</u>

Tool Open @ 7:50 A.M. Initial Blow 1/4 BLOW-BUILT TO 4 1/2 IN.
ISI: NO BLOW BACK

Final Blow 2" BLOW BUILT TO BOTTOM OF BUCKET 59 MIN
FSI: BLED OFF BLOW-SURFACE BLOW BUILT TO 10"

Recovery - Total Feet 70 Flush Tool?

Rec. <u>780</u>	Feet of <u>GAS IN PIPE</u>
Rec. <u>70</u>	Feet of <u>DRILLING MUD</u>
Rec. <u> </u>	Feet of <u> </u>
Rec. <u> </u>	Feet of <u> </u>
Rec. <u> </u>	Feet of <u> </u>

BHT 130 °F Gravity °API @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud 2779.8 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 74.1 PSI @ (depth) 5593 w / Clock No. 8678

(C) First Final Flow Pressure 74.1 PSI AK1 Recorder No. 10333 Range 4050

(D) Initial Shut-in Pressure 169.9 PSI @ (depth) 5633 w / Clock No. 14389

(E) Second Initial Flow Pressure 82.0 PSI AK1 Recorder No. Range

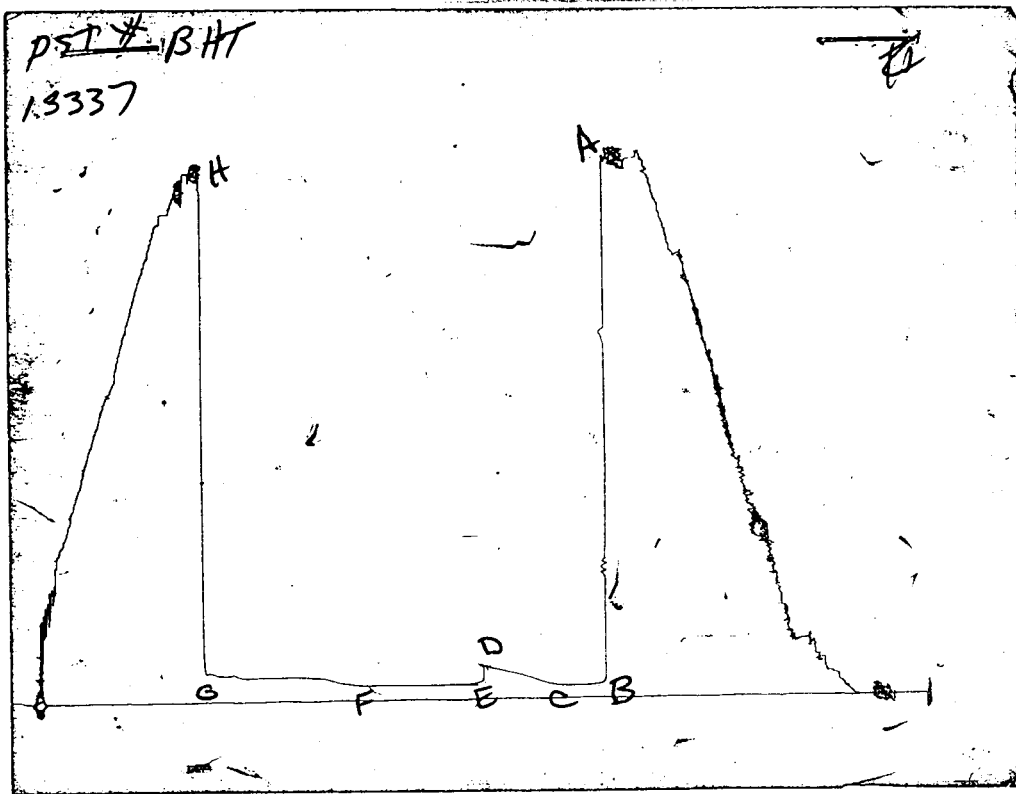
(F) Second Final Flow Pressure 82.0 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 145.2 PSI Initial Opening 30 Final Flow 90

(H) Final Hydrostatic Mud 2663.3 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative TOM HORACEK

CHART PAGE



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2770	2779.8
(B) FIRST INITIAL FLOW PRESSURE	69	74.1
(C) FIRST FINAL FLOW PRESSURE	69	74.1
(D) INITIAL CLOSED-IN PRESSURE	177	169.9
(E) SECOND INITIAL FLOW PRESSURE	79	82
(F) SECOND FINAL FLOW PRESSURE	79	82
(G) FINAL CLOSED-IN PRESSURE	148	145.2
(H) FINAL HYDROSTATIC MUD	2721	2663.3

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Test Ticket

No 6906

Well Name & No. <u>Classen #2-4</u>	Test No. <u>#1</u>	Date <u>7-27-94</u>
Company <u>Aexco Petroleum Inc.</u>	Zone Tested <u>Morrow</u>	
Address <u>1660 Lincoln St. Suite 2812, Denver CO 80264</u>	Elevation <u>2392 (KB)</u>	
Co. Rep./Geo. <u>Jerry Almond</u>	Cont. <u>Allen Drlg #5</u>	Est. Ft. of Pay <u>3'</u>
Location: Sec. <u>4</u>	Twp. <u>33 S</u>	Rge. <u>27 W</u> Co. <u>Meade</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet _____	Yes <u>X</u> No _____ Turnkey _____ Yes <u>X</u> No _____ Evaluation _____

Interval Tested 5588-5753 Drill Pipe Size 4.5 x-1 1/2
 Anchor Length 165' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 5583 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 5588 Wt. Pipe I.D. — 2.7 Ft. Run —
 Total Depth 5753 Drill Collar — 2.25 Ft. Run 537'
 Mud Wt. 9.4 lb/gal. Viscosity 53 Filtrate 9.6
 Tool Open @ 7:50 AM Initial Blow 1/4 blow - built to 4 1/2 in.
ISI - No blow back

Final Blow 2 in. blow built to Bottom of bucket 59 min.

FSI - Bled off blow - surface blow built to 10 in.

Recovery — Total Feet 20' Feet of Gas In Pipe 780' Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec. <u>70'</u>	Feet Of <u>Drlg mud</u>	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 130 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud 2720 PSI Ak1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 69 PSI @ (depth) 5593 w/Clock No. 8678

(C) First Final Flow Pressure 69 PSI AK1 Recorder No. 10333 Range 4050

(D) Initial Shut-In Pressure 177 PSI @ (depth) 5633 w/Clock No. 14389

(E) Second Initial Flow Pressure 79 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 79 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 148 PSI Initial Opening 30 Test X 700

(H) Final Hydrostatic Mud 2721 PSI Initial Shut-In 60 Jars X 200

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.

Final Flow 90 Safety Joint X 50

Final Shut-In 120 Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

Approved By [Signature]

Our Representative Tom Horacek

TOTAL PRICE \$ 950