

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name ACHESON #1 Test No. 1 Date 12/30/93
Company PELICAN HILL OIL & GAS Zone ARBUCKLE
Address 1401 N EL CAMINO REAL SAN CLEMENTE CA 92672 Elevation 2184 KB
Co. Rep./Geo. RANDY KILIAN Cont. ALLEN RIG #1 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 10S Rge. 21W Co. GRAHAM State KS

Interval Tested 3704-3734 Drill Pipe Size 4.5" XH
Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3699 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3704 Mud Wt. 9.2 lb/Gal.
Total Depth 3734 Viscosity 48 Filtrate 9.6

Tool Open @ 10:13 AM Initial Blow WEAK 1/2" BLOW BUILDING TO 1.5"

Final Blow VERY WEAK SURFACE BLOW BUILDING TO 3/4"

Recovery - Total Feet 50 Flush Tool? NO

Rec. 5 Feet of CLEAN OIL
Rec. 15 Feet of OIL & WTR CUT MUD-15%OIL/ 25%WTR/60% MUD
Rec. 30 Feet of SLTLY OIL SPECKED MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 107 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.75 @ _____ °F Chlorides 12000 ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 1817.8 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 29.6 PSI @ (depth) 3709 w / Clock No. 22336

(C) First Final Flow Pressure 24.9 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 314.1 PSI @ (depth) 3728 w / Clock No. 14074

(E) Second Initial Flow Pressure 46.9 PSI AK1 Recorder No. _____ Range _____

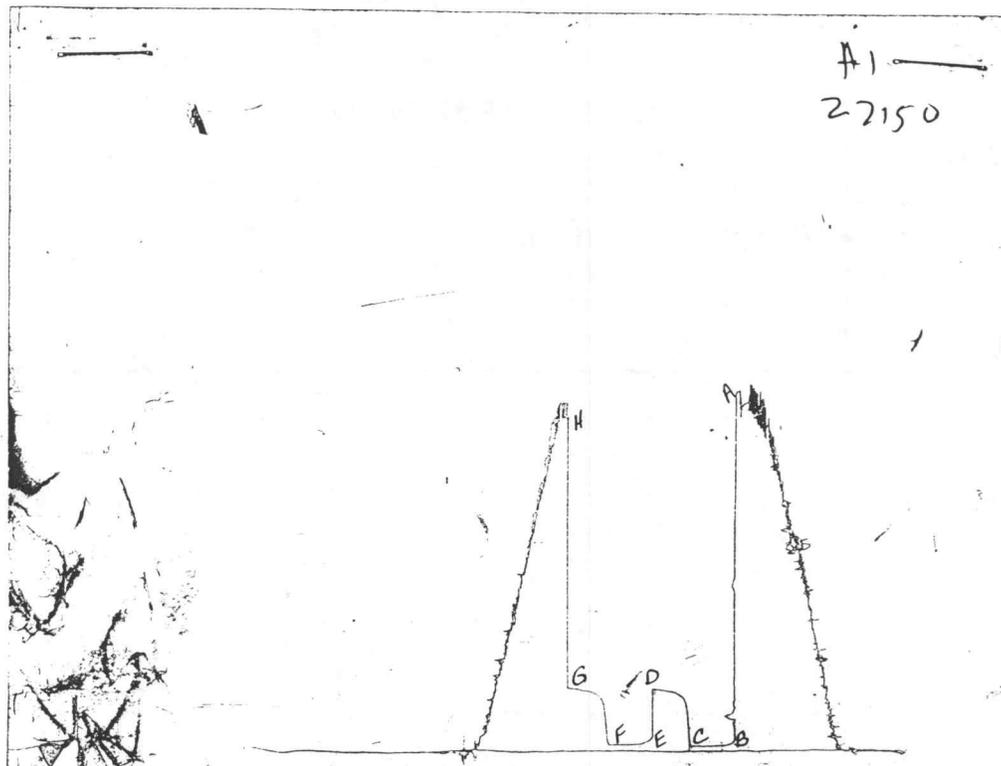
(F) Second Final Flow Pressure 32.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 318.1 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1776.5 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1842	1817.8
(B) FIRST INITIAL FLOW PRESSURE	19	29.6
(C) FIRST FINAL FLOW PRESSURE	29	24.9
(D) INITIAL CLOSED-IN PRESSURE	326	314.1
(E) SECOND INITIAL FLOW PRESSURE	29	46.9
(F) SECOND FINAL FLOW PRESSURE	38	32.5
(G) FINAL CLOSED-IN PRESSURE	326	318.1
(H) FINAL HYDROSTATIC MUD	1784	1776.5

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Test Ticket

No 6541

Well Name & No. Acheson #1 Test No. 1 Date 12-30-93
Company Pelican Hill Oil & Gas, Inc Zone Tested Arbuckle
Address 91401 N. El Camino Real San Clemente CA 92672 Elevation 2184
Co. Rep./Geo. Randy Kilian Cont. Allen A1 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 10S Rge. 21W Co. Graham State Ks
No. of Copies 5 Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3704 - 3734 Drill Pipe Size 4 1/2 XH
Anchor Length 30 Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth 3699 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 3704 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 3734 Drill Collar — 2.25 Ft. Run _____
Mud Wt. 9.2 lb/gal. Viscosity 48 Filtrate 9.6
Tool Open @ 10:13 AM Initial Blow Weak 1/2" blow building to 1 1/2"
Final Blow 0/ weak surface blow building to 3/4"

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
Rec. <u>5</u> Feet Of <u>cl oil</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>15</u> Feet Of <u>oil + w cut mud</u>	%gas <u>15</u> %oil <u>25</u> %water <u>60</u> %mud _____	
Rec. <u>30</u> Feet Of <u>sl oil specked mud</u>	%gas <u>tr</u> %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 107 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 75 @ 58 °F Chlorides 12,000 ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 1842 PSI AK1 Recorder No. 22130 Range 3925
(B) First Initial Flow Pressure 19 PSI @ (depth) 3709 w/Clock No. 22336 22336
(C) First Final Flow Pressure 29 PSI AK1 Recorder No. 13308 Range 4700
(D) Initial Shut-In Pressure 326 PSI @ (depth) 3728 w/Clock No. 14074
(E) Second Initial Flow Pressure 29 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 38 PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure 326 PSI Initial Opening 30 Test 600.00
(H) Final Hydrostatic Mud 1784 PSI Initial Shut-In 30 Jars _____

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Final Flow 30 Safety Joint _____
Final Shut-In 30 Straddle _____
Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____

Approved By Randy Kilian
Our Representative CM Simpson