

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

MAR 09 2011

NO. 0416945492

Well Name & No. Croffoot #13 Test No. 1 Date 3-8-11
 Company Tengasco Inc Elevation 2213 KB 1208 GL
 Address 1327 Moose Rd Hays Ks. 67601
 Co. Rep / Geo. Mike Bair Rig Ad. Eagle #3
 Location: Sec. 11 Twp. 10 Rge. 20 Co. Rocks State KS

Interval Tested 3704 — 3765 Zone Tested Arbuckle
 Anchor Length 61 Drill Pipe Run 3688 Mud Wt. 9
 Top Packer Depth 3698 Drill Collars Run — Vis 61
 Bottom Packer Depth 3704 Wt. Pipe Run — WL 2.2
 Total Depth 3765 Chlorides 1400 ppm System LCM 1#
 Blow Description I.F. - Strong B-B in 5 min.

F.F. Strong B-B in 18 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>C.O</u>				
<u>120</u>	<u>Siphon CM</u>		<u>2</u>		<u>98</u>
<u>675</u>	<u>WTR</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

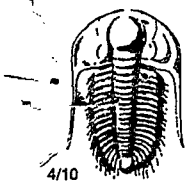
Rec Total 800 BHT 106 Gravity _____ API RW 0.13 @ 65 °F Chlorides 28,000 ppm

(A) Initial Hydrostatic 1822 Test 1125 T-On Location 14:29
 (B) First Initial Flow 42 Jars _____ T-Started 15:35
 (C) First Final Flow 293 Safety Joint _____ T-Open 17:23
 (D) Initial Shut-In 531 Circ Sub _____ T-Pulled 20:23
 (E) Second Initial Flow 303 Hourly Standby _____ T-Out 22:21
 (F) Second Final Flow 409 Mileage 86 RT 107.50 Comments _____
 (G) Final Shut-In 522 Sampler _____
 (H) Final Hydrostatic 1771 Straddle _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1232.50
 Total 1232.50
 MP/DST Disc't _____

Approved By _____ Our Representative Dan Rangle
 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

MAR 1 2011

Test Ticket

NO. 042860

Well Name & No. Croffoot #13 BY _____ Test No. 2 Date 3-9-11
 Company TENCOAS CO INC Elevation 2213 KB 2208 GL _____
 Address 1327 Noose Rd Hays KS 67601
 Co. Rep / Geo. Mike Bair Rig Am Eagle #3
 Location: Sec. 11 Twp. 10 S Rge. 20 W Co. Roots State KS

Interval Tested 3746-3774 Zone Tested ARBeckle
 Anchor Length 8' 12' Tail Drill Pipe Run 3752 Mud Wt. 9.0
 Top Packer Depth 3761 Drill Collars Run 0 Vis 4.1
 Bottom Packer Depth 3766 Wt. Pipe Run 0 WL 7.19
 Total Depth 3846 Chlorides 1460 ppm System LCM _____
 Blow Description FF - Good Blow Bob IN 15 min
ISI - Dead NO Blow Back
FF - Good Blow Bob IN 23 min
ISI - Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Free oil</u>				
<u>419</u>	<u>MW with A Seum of oil</u>			<u>90%</u>	<u>10%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 434 BHT 110 Gravity 27 API RW 10.6@ 51.5° F Chlorides 100000 ppm
 (A) Initial Hydrostatic 1851 Test 1125 T-On Location 11:04
 (B) First Initial Flow 17 Jars _____ T-Started 11:30
 (C) First Final Flow 129 Safety Joint _____ T-Open 13:00
 (D) Initial Shut-In 672 Circ Sub _____ T-Pulled 14:00
 (E) Second Initial Flow 131 Hourly Standby _____ T-Out 18:00
 (F) Second Final Flow 213 Mileage 107.50 86 RT Comments _____
 (G) Final Shut-In 651 Sampler _____
 (H) Final Hydrostatic 1799 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total _____
 Day Standby _____ Total _____
 Accessibility _____ MP/DST Disc't _____
 Sub Total 183250

Approved By _____ Our Representative Jeff Brown

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