



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041572

4/10

Well Name & No. Ross #1-31 Test No. 2 Date 3-25-11
 Company Amarillo Exploration IN Elevation 2131 KB 2121 GL
 Address PO Box 601539 Dallas TX 75360
 Co. Rep / Geo. Ken LeBlanc Rig VA1 #1
 Location: Sec. 31 Twp. 27S Rge. 16W Co. KIOWA State Ks

Interval Tested 4470-4694 Zone Tested Kinderhook Sand
 Anchor Length 224' Drill Pipe Run 4445 Mud Wt. 9.3
 Top Packer Depth 4465 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 4470 Wt. Pipe Run 0 WL 8.8
 Total Depth 4694 Chlorides 4000 ppm System LCM 0

Blow Description IF: Built to 8 inches
IS: No Return
FF: BOB 56 min.
FS: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Mud w/ slight oil specks in Top</u>				
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

Rec Total 40 BHT 124 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2237 Test _____ T-On Location 1440
 (B) First Initial Flow 30 Jars _____ T-Started ~~0105~~ 2224
 (C) First Final Flow 36 Safety Joint _____ T-Open 0105
 (D) Initial Shut-In 133 Circ Sub _____ T-Pulled 0530
 (E) Second Initial Flow 33 Hourly Standby _____ T-Out 0850
 (F) Second Final Flow 38 Mileage 196RT Comments _____
 (G) Final Shut-In 259 Sampler _____
 (H) Final Hydrostatic 2171 Straddle _____ Ruined Shale Packer _____

Initial Open 45 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 60 Extra Packer _____ Extra Copies _____
 Final Flow 60 Extra Recorder _____ Sub Total _____
 Final Shut-In 120 Day Standby _____ Total _____
 Accessibility _____ MP/DST Disc't _____
 Sub Total _____

Approved By Ken LeBlanc Our Representative [Signature]

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.

DST 2) 4470 - 4694

Kinderhook Sand

Times: 30-60-60-120

1st open: weak blow to 8 inches in bucket - NO Gas to Surface
(NO blowback)

2nd open: weak blow to OBOB in 56 minutes - NO Gas to Surface
(NO blowback)

Rec: NO Gas in Pipe

40' Drilling Mud with specks oil in tool
(100% mud)

40' Total Fluid - ALL IN DRILL PIPE

Alpine Recorders
(electronic)

IHYD: 2237 psi

IFP: 30-36 psi

IBHP: 133 psi

FFP: 33-38 psi

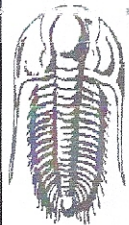
FBHP: 259 psi

FHYD: 2171 psi

TEMP: 124 degrees F

Tester: Andy Carreira: Trilobite Testing L.L.C., Hays KS Disctrict

Note: conventional DST (dual packers, safety joint, electronic recorders,
circulating sub)
NO bottom sampler or jars



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Amarillo Exploration inc.

Ross #1-31

PO Box 601539
Dallas Tx. 75360

31-27s-16w Kiowa

Job Ticket: 041572

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2011.03.25 @ 22:24:05

GENERAL INFORMATION:

Formation: **Kinderhook Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:04:50

Time Test Ended: 08:49:50

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 39

Interval: **4470.00 ft (KB) To 4694.00 ft (KB) (TVD)**

Reference Elevations: 2131.00 ft (KB)

Total Depth: 4694.00 ft (KB) (TVD)

2121.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: **8352**

Outside

Press@RunDepth: 38.95 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.25 End Date: 2011.03.26

Last Calib.: 2011.03.26

Start Time: 22:24:05 End Time: 08:49:50

Time On Btm: 2011.03.26 @ 01:04:00

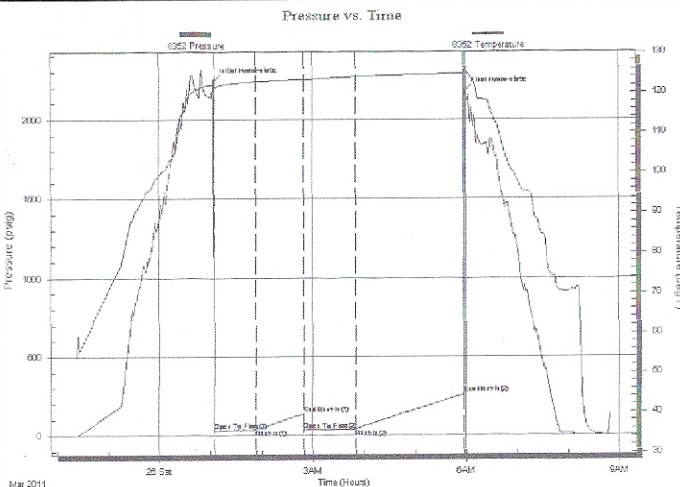
Time Off Btm: 2011.03.26 @ 05:58:59

TEST COMMENT: IF: Built to 8 inches

IS: No Return

FF:BOB, 56 min.

FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.55	122.09	Initial Hydro-static
1	30.88	121.48	Open To Flow (1)
50	36.97	122.81	Shut-In(1)
107	133.02	123.40	End Shut-In(1)
107	33.84	123.35	Open To Flow (2)
167	38.95	124.02	Shut-In(2)
294	259.78	124.85	End Shut-In(2)
295	2171.47	125.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud w/ slight oil specks in tool	0.56

Gas Rates

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

