



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 37587 13795

RECEIVED
JAN 13 2010

Well Name & No. Kramer 1-1 BY: Test No. 1 Date 1-8-10
Company EOG Resources Inc. Elevation 318.5 KB 3174 GL
Address 3817 NW Expressway Ste 500 OK city OK 73112 + 1483
Co. Rep / Geo. Rig Venai 55
Location: Sec. 1 Twp. 34 Rge. 38 Co. Stevens State KS

Interval Tested 6133 - 6235 Zone Tested Lower Morrow
Anchor Length 102 Drill Pipe Run 5832 Mud Wt. 9.0
Top Packer Depth 6128 Drill Collars Run 277 Vis 54
Bottom Packer Depth 6133 Wt. Pipe Run 0 WL 8.0
Total Depth 6235 Chlorides 1900 ppm System LCM 12
Blow Description IF - Good building blow BOB 4 min.
ISI - No blow back
FF - Good building blow BOB 5 1/2 min. No GTS
FBI - Weak blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>500</u>	<u>GIP</u>				
<u>850</u>		<u>5</u>	<u>0</u>	<u>65</u>	<u>30</u>

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>209</u>				

Jackie Sessions	405-919-8884	AFE
Well Name: <u>KRAMER 1-1</u>		<u>BCP</u>
		ACP
		W/O
		LOE

Rec To: API RW .15 @ 60° F Chlorides 76000 ppm

(A) Initial Hydrostatic <u>2840</u>	☐ Test <u>1350⁰⁰</u>	T-On Location <u>900 AM</u>
(B) First Initial Flow <u>170</u>	☐ Jars <u>250⁰⁰</u>	T-Started <u>1030 AM</u>
(C) First Final Flow <u>325</u>	☐ Safety Joint <u>75⁰⁰</u>	T-Open <u>230 PM</u>
(D) Initial Shut-In <u>1416</u>	☐ Circ Sub <u> </u>	T-Pulled <u>500 PM</u>
(E) Second Initial Flow <u>323</u>	☐ Hourly Standby <u> </u>	T-Out <u>830 PM</u>
(F) Second Final Flow <u>509</u>	☐ Mileage <u>15⁰⁰</u>	Comments <u> </u>
(G) Final Shut-In <u>1415</u>	☐ Sampler <u>250⁰⁰</u>	<u> </u>
(H) Final Hydrostatic <u>2758</u>	☐ Straddle <u> </u>	<u> </u>
Initial Open <u>15</u>	☐ Shale Packer <u>(2) 500⁰⁰</u>	☐ Ruined Shale Packer <u> </u>
Initial Shut-In <u>30</u>	☐ Extra <u>TIW</u> <u>150⁰⁰</u>	☐ Ruined Packer <u> </u>
Final Flow <u>30</u>	☐ Extra Recorder <u> </u>	☐ Extra Copies <u> </u>
Final Shut-In <u>60</u>	☐ Day Standby <u> </u>	Sub Total <u>0</u>
	☐ Accessibility <u>150⁰⁰</u>	Total <u>2740</u>
	Sub Total <u>2790</u>	

Approved By R.I. Sessions
BJAN10

Our Representative

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.

2590 +150



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 37387 Date 1-8-10
Company Name EOG
Lease Kramer 1-1 Test No. 1
County Stevens Sec. 1 Twp. 34 Rng. 38

SAMPLER RECOVERY

Gas Trace ML Chlorides 1900 ppm.
Oil _____ ML Resistivity _____ ohms @ _____ F
Mud Trace ML Viscosity 54
Water 2000 ML ML Mud Weight 9.0
Other _____ ML Filtrate 8.0
Pressure 1400 ML Other 12# 44m
Total _____ ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity 0.15 ohms @ 60 F
Chlorides 70 000 ppm.

Gravity _____ corrected @ 60F

PIPE RECOVERY

TOP

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.



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RECEIVED
JAN 13 2010

Test Ticket

No. 37588

BY: _____

Well Name & No. Kramer 1-1 Test No. 2 Date 1-10-10
 Company EOB Resources Inc. Elevation 3185 KB 3174 GL
 Address 3817 NW Expressway Ste 500 OK City, OK. 73112-1483
 Co. Rep / Geo. Jackie S. Rig Kenai 55
 Location: Sec. 1 Twp. 34 Rge. 38 Co. Stevens State KS

Interval Tested 6527 - 6490 Zone Tested St Louis
 Anchor Length 37 Drill Pipe Run 6101 Mud Wt. 9.0
 Top Packer Depth 6522 Drill Collars Run 369 Vis 64
 Bottom Packer Depth 6527 Wt. Pipe Run 0 WL 8.0
 Total Depth 6593 Chlorides 2400 ppm System LCM 12
 Blow Description IF - Strong blow BOB, ASA, GTS 15 min TSTM
ISI - Strong blow back
FF - Strong blow BOB, GTS, ASA
FSI - Strong blow back

Rec	Feet of	%gas	%oil	%water	%mud
2109		50	50		
1265	OGCM	30	20		50

Rec	Jackie Sessions	405-919-8884	AFE
	Well Name: <u>Kramer 1-1</u>		<u>BCP</u>
			ACP
			W/U
			LOE

Rec	Perc Code	APPROVAL INITIALS:	%gas	%oil	%water	%mud
35 - 209	230-411	<u>[Signature]</u>				

Rec Tot. _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 3318
 (B) First Initial Flow 296
 (C) First Final Flow 450
 (D) Initial Shut-In 1089
 (E) Second Initial Flow 497
 (F) Second Final Flow 644
 (G) Final Shut-In 1009
 (H) Final Hydrostatic 3203

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 120

☐ Test 1350⁰⁰
☐ Jars 250⁰⁰
☐ Safety Joint 75⁰⁰
☐ Circ Sub 50⁰⁰
☐ Hourly Standby 250⁰⁰
☐ Mileage 15⁰⁰
☐ Sampler 250⁰⁰
☐ Straddle 600⁰⁰
☐ Shale Packer 2 = 500⁰⁰
☐ Extra TIW 150⁰⁰
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility 150⁰⁰
 Sub Total 3640⁰⁰

T-On Location 200 AM
 T-Started 330 AM
 T-Open 730 AM
 T-Pulled 1145 AM
 T-Out 530 PM
 Comments _____
☐ Ruined Shale Packer 280⁰⁰
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 280⁰⁰
 Total 3920⁰⁰

Approved By [Signature] R.S. Sessions
10 JAN 10

Our Representative

[Signature] Abelard Davidson

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34904150



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 37588 Date 1-10-10
Company Name EOG R.
Lease Kramer 1-1 Test No. 2
County Stevens Sec. 1 Twp. 34 Rng. 38

SAMPLER RECOVERY

Gas 15 CFD ML Chlorides _____ ppm.
Oil 500 mL of 2000 ML Resistivity _____ ohms @ _____ F
Mud 500 mL of 2000 ML Viscosity _____
Water Trace ML Mud Weight _____
Other _____ ML Filtrate _____
Pressure 1000 PSI ML Other _____
Total _____ ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @60F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.



GAS VOLUME REPORT

EOG R.

REPORT
Kramer 1-1

2
DST NO

1st Flow

2nd Flow

[illegible]

Remarks:

NATURAL GAS ANALYSIS REPORT
GPA 2145-09

Sampled by:
Trilobite Testing, Inc.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 785-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 620-624-5889
Fax: 620-626-7108

Lab Number:	20100017	Analyzed:	01/12/10
Sample From:	Kramer 1-1	Pressure:	
Producer:	EOG Resources	Temperature:	
Date:		Location:	1-34-38
Time:		County:	Stevens
Sampler:		State:	Kansas
Source:	DST 2	Formation:	St Louis

	Mole %	GPM
Helium	He: 0.429	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 12.355	0.000
Carbon Dioxide	CO2: 0.018	0.000
Methane	C1: 47.201	0.000
Ethane	C2: 15.262	5.724
Propane	C3: 13.606	5.101
Iso Butane	iC4: 2.252	0.690
Normal Butane	nC4: 4.866	1.547
Iso Pentane	iC5: 1.205	0.330
Normal Pentane	nC5: 1.537	0.425
Hexanes Plus	C6+: 1.269	0.292

TOTAL: 100.000 14.109
Z Fact: 0.9996
SP.GR.: 1.0002
BTU (SAT): 1500.0 @ 14.73 psia
BTU (DRY): 1526.6 @ 14.73 psia
OCTANE RATING: 99.1

COMMENTS:

0.000