15-063-21837 6-13s-31w

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Curtis Covey

Ottley #1-6

6/13s/31w Gove KS

Job Ticket: 38322 **DST#: 1**

Test Start: 2010.04.22 @ 22:12:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:10:00
Time Test Ended: 06:39:00

KCC
MAY 04 2010
CONFIDENTIAL

Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46

Interval: 4550.00 ft (KB) To 4576.00 ft (KB) (TVD)
Total Depth: 4576.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

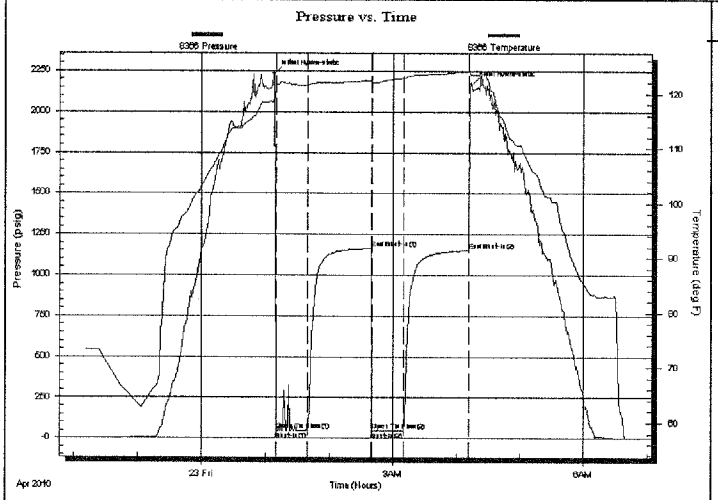
Reference Elevations: 2965.00 ft (KB)
2960.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366 **Inside**

Press@RunDepth: 45.90 psig @ 4551.00 ft (KB)
Start Date: 2010.04.22 End Date: 2010.04.23
Start Time: 22:12:05 End Time: 06:38:59

Capacity: 8000.00 psig
Last Calib.: 2010.04.23
Time On Btm: 2010.04.23 @ 01:08:00
Time Off Btm: 2010.04.23 @ 04:14:00

TEST COMMENT: IF: Bled off surge, surface blow, dying back
ISI: No blow back
FF: No blow
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.65	119.08	Initial Hydro-static
2	46.47	121.50	Open To Flow (1)
32	45.90	121.57	Shut-In(1)
91	1162.56	122.42	End Shut-In(1)
92	46.40	122.02	Open To Flow (2)
122	45.90	122.86	Shut-In(2)
184	1151.24	124.08	End Shut-In(2)
186	2169.15	123.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Mud 100%	0.77
0.00	Oil spots in tool	0.00

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Curtis Covey

Ottley #1-6

6/13s/31w Gove KS

Job Ticket: 38322 **DST#: 1**

Test Start: 2010.04.22 @ 22:12:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.16 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	0.03 inches				

Recovery Information

Recovery Table

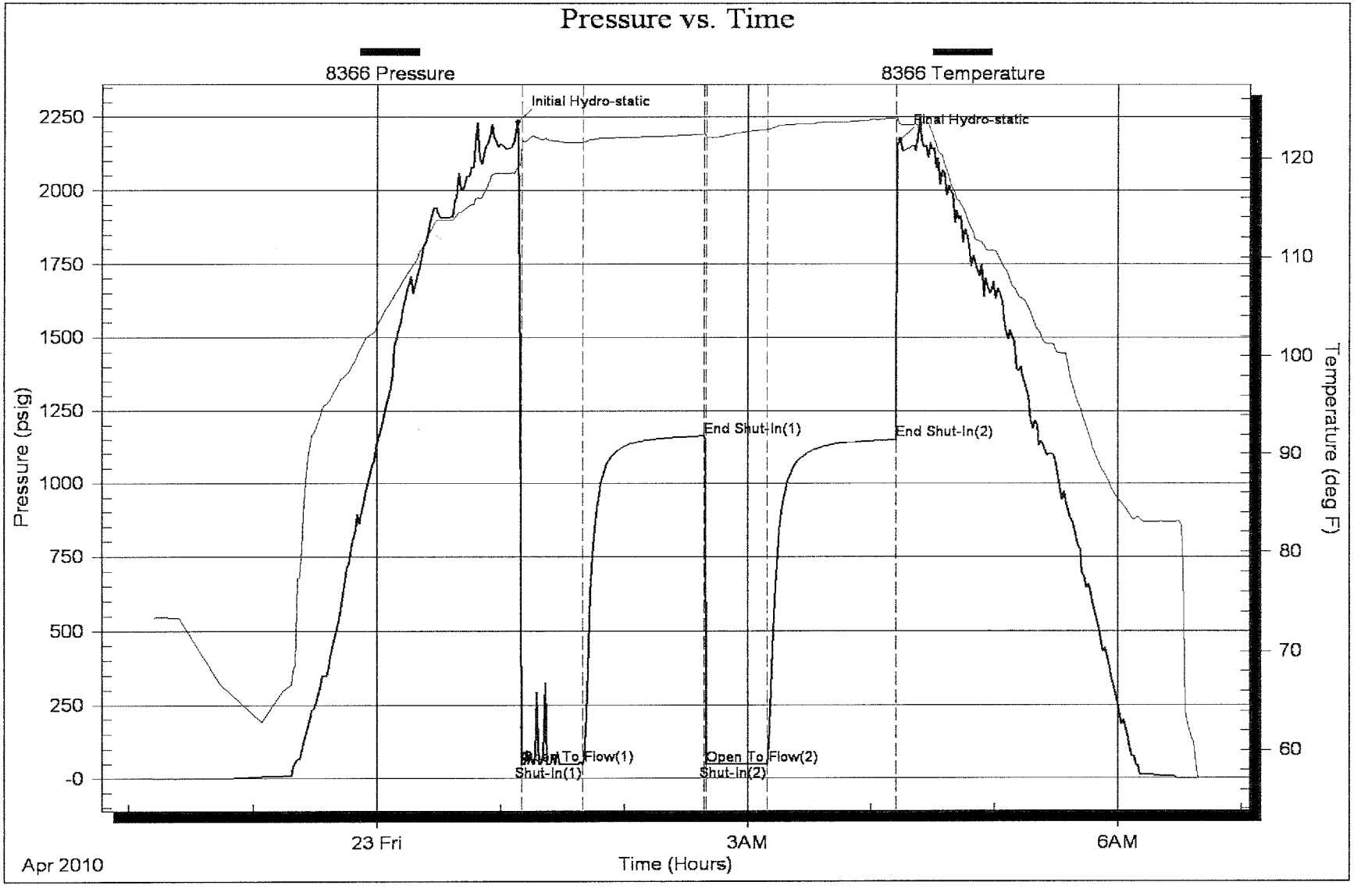
Length ft	Description	Volume bbl
55.00	Mud 100%	0.772
0.00	Oil spots in tool	0.000

Total Length: 55.00 ft Total Volume: 0.772 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8366 Pressure
8366 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
2250
2000
1750
1500
1250
1000
750
500
250
-0
Pressure (psig)
120
110
100
90
80
70
60
Temperature (deg F)
23 Fri
3AM
6AM
Apr 2010
Time (Hours)

230139

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

12/09

RECEIVED
APR 26 2010
KCC

Test Ticket

NO. 38322 14144

Well Name & No. Ottley #1-6 Test No. 1 Date 4-22-10

Company Lario Oil & Gas Company Elevation 2965 KB 2960 GL

Address 301 S. Market Wichita, KS 67202

Co. Rep / Geo. Curtis Covey Rig Val #4

Location: Sec. 6 Twp. 13s Rge. 31w Co. Gove State KS

Interval Tested 4550 - 4576 Zone Tested Johnson

Anchor Length 26 Drill Pipe Run 4542 Mud Wt. 9.3

Top Packer Depth 4545 Drill Collars Run - Vis 56

Bottom Packer Depth 4550 Wt. Pipe Run - WL 9.2

Total Depth 4576 Chlorides 3000 ppm System LCM 1

Blow Description IF: Bled off surge, surface blow, dying back

ISI: No blowback

FF: No blow

FSI: No blowback

Rec 55	Feet of Mud	- %gas	- %oil	- %water	100 %mud	
Rec	Feet of Oil spot in tool	%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 55 BHT 124 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2140	☐ Test ✱ 1225	T-On Location 20:30 (came early)	
(B) First Initial Flow 46	☐ Jars ✱ 250	T-Started 22:12	
(C) First Final Flow 46	☐ Safety Joint ✱ 75	T-Open 1:10	
(D) Initial Shut-In 1163	☑ Circ Sub ✱ 50	T-Pulled 4:12	
(E) Second Initial Flow 46	☑ Hourly Standby	T-Out 6:35	
(F) Second Final Flow 46	☐ Mileage 80 RT 100	Comments Chased 6' to bottom after opening, hole lost about 10' mud - Bled off the surge blow	
(G) Final Shut-In 1151	☑ Sampler		
(H) Final Hydrostatic 2131	☑ Straddle		
	☑ Shale Packer	☑ Ruined Shale Packer	
Initial Open 30	☑ Extra Packer	☑ Ruined Packer	
Initial Shut-In 60	☑ Extra Recorder	☑ Extra Copies	
Final Flow 30	☑ Day Standby	Sub Total 0	
Final Shut-In 60	☑ Accessibility	Total 1700	
	Sub Total 1700		

Approved By _____ Our Representative James Winter

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