

DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas Co**301 S Market St
Wichita KS 67202

ATTN: Vern Schrag

18 28 5 Kingman KS**Clouse #9**

Start Date: 2007.07.13 @ 22:49:17

End Date: 2007.07.14 @ 06:51:47

Job Ticket #: 28352

DST #: 1

CONFIDENTIAL

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620RECEIVED
KANSAS CORPORATION COMMISSION

FEB 20 2009

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

301 S Market St
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Clouse #9

18 28 5 Kingman KS

Job Ticket: 28352

DST#: 1

Test Start: 2007.07.13 @ 22:49:17

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:31:32

Time Test Ended: 06:51:47

Interval: 3852.00 ft (KB) To 3873.00 ft (KB) (TVD)

Total Depth: 3873.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Reference Elevations: 1446.00 ft (KB)

1437.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 95.28 psig @ 3852.00 ft (KB)

Start Date: 2007.07.13

End Date: 2007.07.14

Start Time: 22:49:22

End Time: 06:51:46

Capacity: 7000.00 psig

Last Calib.: 2007.07.14

Time On Btm: 2007.07.14 @ 00:30:17

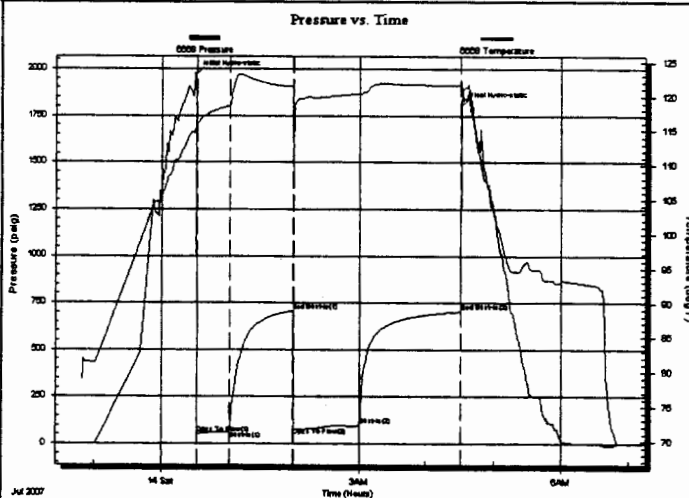
Time Off Btm: 2007.07.14 @ 04:32:01

TEST COMMENT: IF Strong blow BOB in 15 secs.

ISI Bled off No blow back

FF Strong blow BOB immediately GTS in 5 mins. See gas report

FSI Bled off No blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1969.85	115.18	Initial Hydro-static
2	52.46	116.16	Open To Flow (1)
31	63.92	118.64	Shut-In (1)
89	705.60	121.42	End Shut-In (1)
90	40.11	107.74	Open To Flow (2)
151	95.28	120.39	Shut-In (2)
242	702.37	121.67	End Shut-In (2)
242	1805.75	122.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WGM 18%G 12%W 70%M	0.84
60.00	GWM 10%G 20%W 60%M	0.84
60.00	GMW w/scum of Oil 10%G 66%W 24%O.84	
60.00	GMW w/scum of Oil 8%G 64%W 28%O.84	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.70
Last Gas Rate	0.13	5.00	7.70



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TOOL DIAGRAM

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Test Start: 2007.07.13 @ 22:49:17

Tool Information

Drill Pipe:	Length: 3834.00 ft	Diameter: 3.80 inches	Volume: 53.78 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 53.78 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3852.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3829.00	
Hydraulic tool	5.00			3834.00	
Jars	5.00			3839.00	
Safety Joint	3.00			3842.00	
Packer	5.00			3847.00	28.00 Bottom Of Top Packer
Packer	5.00			3852.00	
Recorder	0.00	6668	Inside	3852.00	
Perforations	18.00			3870.00	
Recorder	0.00	13266	Outside	3870.00	
Bullnose	3.00			3873.00	21.00 Bottom Packers & Anchor
Total Tool Length:	49.00				

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FLUID SUMMARY

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ATTN: Vern Schrag

Test Start: 2007.07.13 @ 22:49:17

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 11.79 in³

Resistivity: 0.08 ohm.m

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

115000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WGM 18%G 12%W 70%M	0.842
60.00	GWM 10%G 20%W 60%M	0.842
60.00	GMW w/scum of Oil 10%G 66%W 24%M	0.842
60.00	GMW w/scum of Oil 8%G 64%W 28%M	0.842

Total Length: 240.00 ft

Total Volume: 3.368 bbl

Num Fluid Samples: 0

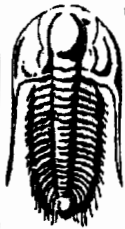
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

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Gas Rates Information

Temperature: 2 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	35	0.13	5.00	7.70
2	35	0.13	5.00	7.70

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Serial #: 6668

Inside

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