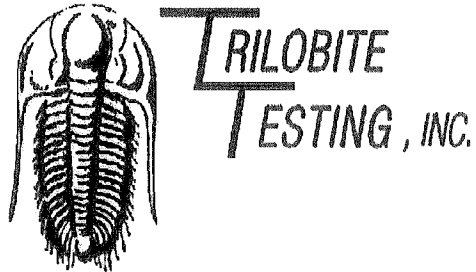


15-051-26061

2-13s-19w

IND



DRILL STEM TEST REPORT

Prepared For: **Cla-Mar Oil Co**

PO Box 1197
Hays, KS 67601

ATTN: Neal Lafon

2-13-19 Ellis, KS

#2 Wolf

Start Date: 2010.11.30 @ 01:46:30

End Date: 2010.11.30 @ 08:43:54

Job Ticket #: 40942 DST #: 1

RECEIVED

JAN 14 2011

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Cla-Mar Oil Co

#2 Wolf

PO Box 1197
Hays, KS 67601

2-13-19 Ellis, KS

Job Ticket: 40942

DST#: 1

ATTN: Neal Lafon

Test Start: 2010.11.30 @ 01:46:30

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:46:25

Time Test Ended: 08:43:54

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3516.00 ft (KB) To 3563.00 ft (KB) (TVD)**

Reference Elevations: 2148.00 ft (KB)

Total Depth: 3563.00 ft (KB) (TVD)

2142.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GRVCF: 6.00 ft

Serial #: 8365

Outside

Press@RunDepth: 34.48 psig @ 3523.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.30

End Date:

2010.11.30

Last Calib.: 2010.11.30

Start Time: 01:46:30

End Time:

08:43:54

Time On Btm: 2010.11.30 @ 03:45:25

Time Off Btm: 2010.11.30 @ 07:22:24

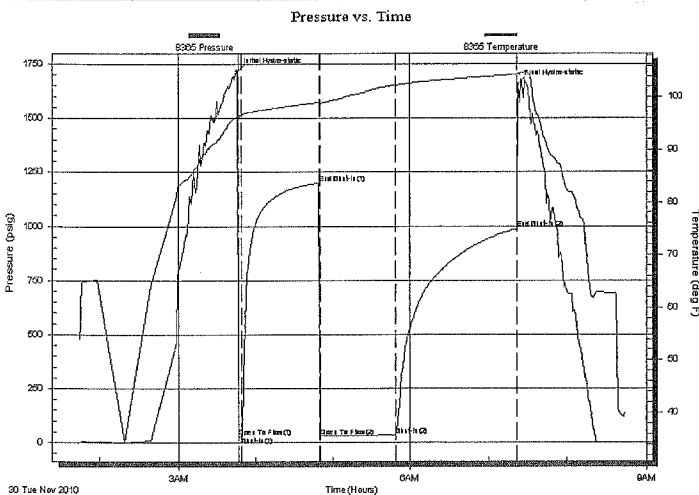
TEST COMMENT: IFP - sur blow throughout

ISI - no blow back

FFP - weak blow throughout sur - 1/2"

FSI - no blow back

PRESSURE SUMMARY



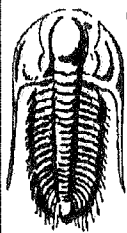
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1715.18	96.25	Initial Hydro-static
1	28.40	95.73	Open To Flow (1)
4	28.87	96.72	Shut-In(1)
64	1198.83	99.00	End Shut-In(1)
65	29.86	98.78	Open To Flow (2)
124	34.48	102.30	Shut-In(2)
216	988.07	104.35	End Shut-In(2)
217	1655.86	104.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	mud 100%	0.49

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cla-Mar Oil Co

#2 Wolf

PO Box 1197
Hays, KS 67601

2-13-19 Ellis, KS

Job Ticket: 40942

DST#: 1

ATTN: Neal Lafon

Test Start: 2010.11.30 @ 01:46:30

Tool Information

Drill Pipe:	Length: 3517.00 ft	Diameter: 3.80 inches	Volume: 49.33 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	49.33 bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3516.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

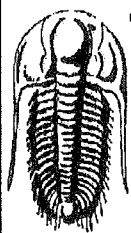
Tool Comments:

tool slid 5' to bottom

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3501.00	
Hydraulic tool	5.00			3506.00	
Packer	5.00			3511.00	20.00 Bottom Of Top Packer
Packer	5.00			3516.00	
Stubb	1.00			3517.00	
Perforations	5.00			3522.00	
Change Over Sub	1.00			3523.00	
Recorder	0.00	8647	Inside	3523.00	
Recorder	0.00	8365	Outside	3523.00	
Blank Spacing	31.00			3554.00	
Change Over Sub	1.00			3555.00	
Perforations	5.00			3560.00	
Bullnose	3.00			3563.00	47.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Cla-Mar Oil Co

#2 Wolf

PO Box 1197
Hays, KS 67601

2-13-19 Ellis, KS

Job Ticket: 40942

DST#: 1

ATTN: Neal Lafon

Test Start: 2010.11.30 @ 01:46:30

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	mud 100%	0.491

Total Length: 35.00 ft

Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

