

DRILL STEM TEST REPORT

Prepared For: **Becker Oil Corporation**

PO Box 1550
Conifer CO 80433

ATTN: Clyde Becker Jr

30 23 22 Hodgeman KS

Burke #1

Start Date: 2007.12.19 @ 17:12:34

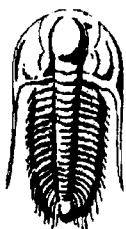
End Date: 2007.12.19 @ 22:45:28

Job Ticket #: 31483 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Becker Oil Corporation

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Burke #1

30 23 22 Hodgeman KS

Job Ticket: 31483

DST#: 1

Test Start: 2007.12.19 @ 17:12:34

GENERAL INFORMATION:

Formation: ?

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:54:29

Time Test Ended: 22:45:28

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 2422.00 ft (KB) To 2492.00 ft (KB) (TVD)

Total Depth: 2492.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition:

Reference Elevations: 2385.00 ft (KB)

2378.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8365 Outside

Press@RunDepth: 230.39 psig @ 2428.02 ft (KB)

Start Date: 2007.12.19

End Date: 2007.12.19

Start Time: 17:12:34

End Time: 22:45:28

Capacity: 7000.00 psig

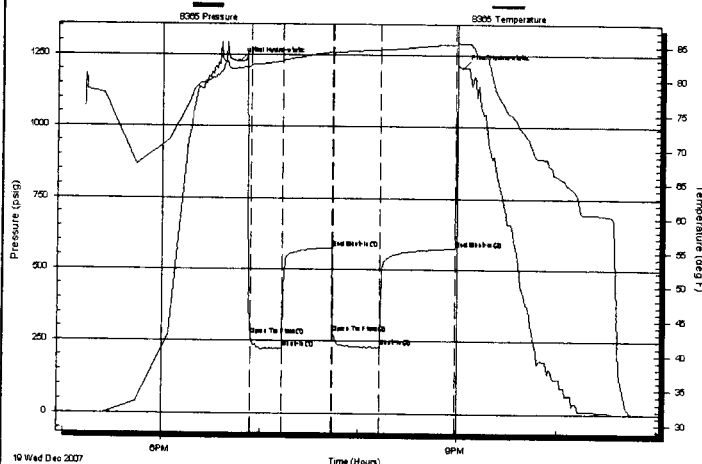
Last Calib.: 2007.12.19

Time On Btm: 2007.12.19 @ 18:46:29

Time Off Btm: 2007.12.19 @ 21:03:29

TEST COMMENT: IFP Strg bl GTS in 3 min
FFP GTS
Times 20 30 30 45
slid tool approx 10 ft to bottom

Pressure vs. Time



PRESSURE SUMMARY

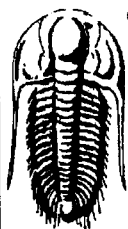
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1226.42	81.65	Initial Hydro-static
8	268.72	82.14	Open To Flow (1)
27	223.44	82.73	Shut-In(1)
58	575.18	84.10	End Shut-In(1)
58	278.36	83.98	Open To Flow (2)
87	230.39	84.39	Shut-In(2)
133	573.56	85.28	End Shut-In(2)
137	1204.73	85.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	M	1.18

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	47.00	959.06
Last Gas Rate	0.75	66.00	1255.84
Max. Gas Rate	0.75	66.00	1255.84



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TOOL DIAGRAM

Becker Oil Corporation

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Job Ticket: 31483

DST#: 1

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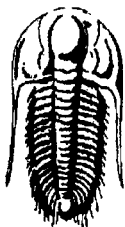
Test Start: 2007.12.19 @ 17:12:34

Tool Information

Drill Pipe:	Length: 2010.00 ft	Diameter: 3.80 inches	Volume: 28.20 bbl	Tool Weight: 2200.00 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: 420.00 ft	Diameter: 2.25 inches	Volume: 2.07 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 30.27 bbl		Tool Chased 10.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	2422.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.02 ft			
Tool Length:	91.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2402.00	
Shut In Tool	5.00			2407.00	
Hydraulic tool	5.00			2412.00	
Packer	5.00			2417.00	21.00 Bottom Of Top Packer
Packer	5.00			2422.00	
Stubb	1.00			2423.00	
Recorder	0.01	13534	Inside	2423.01	
Perforations	5.00			2428.01	
Recorder	0.01	8365	Outside	2428.02	
Blank Spacing	61.00			2489.02	
Bullnose	3.00			2492.02	70.02 Bottom Packers & Anchor

Total Tool Length: 91.02



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FLUID SUMMARY

Becker Oil Corporation

Burke #1

PO Box 1550
Conifer CO 80433

30 23 22 Hodgeman KS

Job Ticket: 31483

DST#: 1

ATTN: Clyde Becker Jr

Test Start: 2007.12.19 @ 17:12:34

Mud and Cushion Information

Mud Type: Invert

Mud Weight: 10.00 lb/gal

Viscosity: 41.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 61000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	M	1.180

Total Length: 240.00 ft

Total Volume: 1.180 bbl

Num Fluid Samples: 0

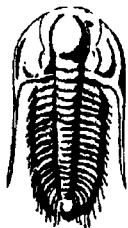
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

Becker Oil Corporation

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Job Ticket: 31483

DST#: 1

ATTN: Clyde Becker Jr

Test Start: 2007.12.19 @ 17:12:34

Gas Rates Information

Temperature: 59 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)
1	5	0.75	47.00	959.06
1	5	0.75	47.00	959.06
1	10	0.75	55.00	1084.02
1	15	0.75	55.00	1084.02
1	20	0.75	57.00	1115.26
2	5	0.75	65.00	1240.22
2	10	0.75	66.00	1255.84
2	15	0.75	66.00	1255.84
2	20	0.75	66.00	1255.84
2	25	0.75	66.00	1255.84

Serial #: 8365

Outside Becker Oil Corporation

30 23 22 Hodgeman KS

DST Test Number: 1

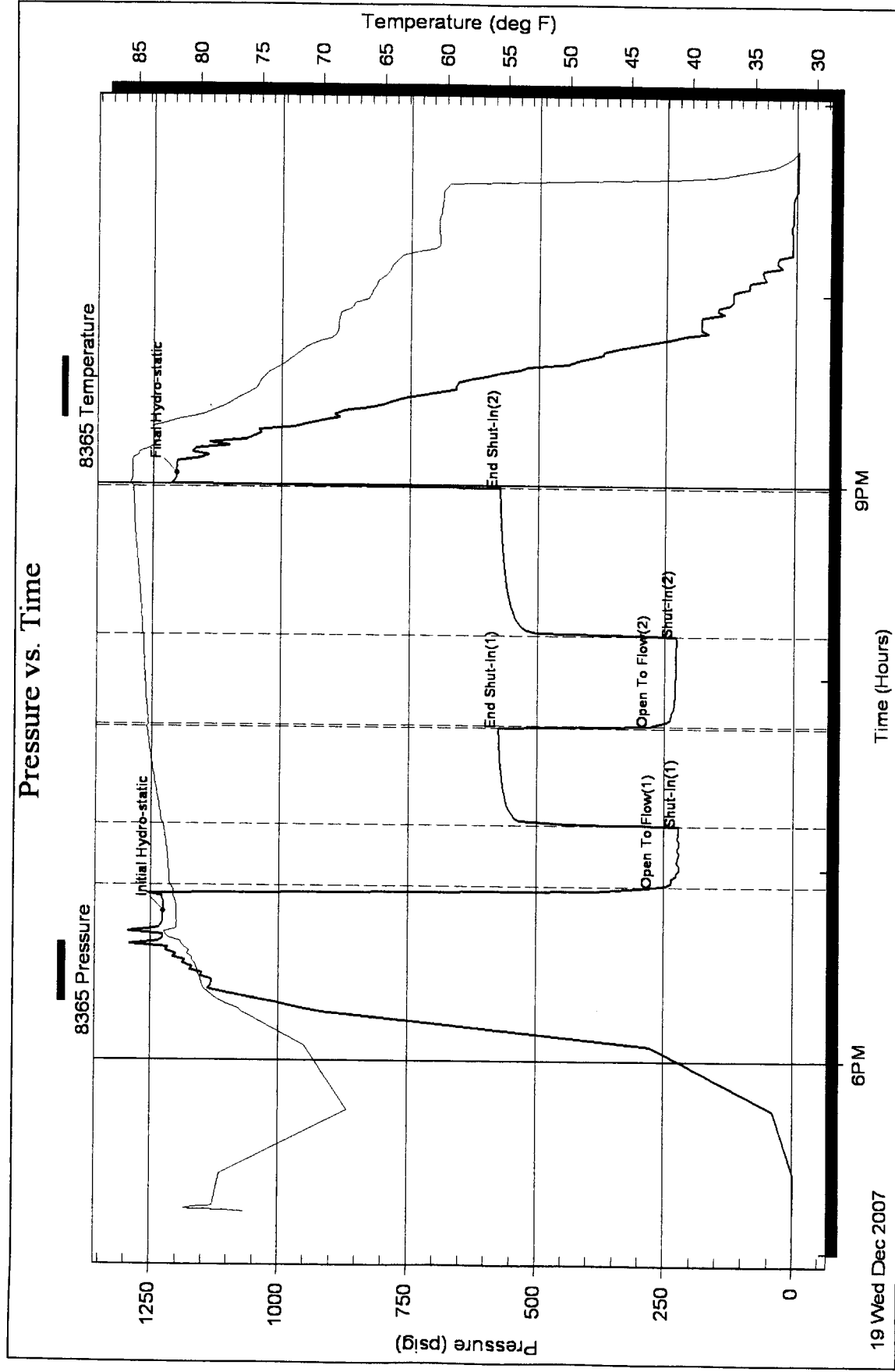


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

13534
OST #1
Becker

