15-083-21509 1-23s-21w

15-083-21509 Becker Oil Corporation Lewis Trust #1 1-23s-21w-HodgemanKS DST # 1 Towanda 2005.10.28

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Becker Oil Corporation**

P.O. Box 1150
Ponca City, OK 74602

ATTN: Clyde M. Becker

1-23s-21w-HodgemanKS

Lewis Trust #1

Start Date: 2005.10.28 @ 10:59:14

End Date: 2005.10.28 @ 21:18:29

Job Ticket #: 21969 DST #: 1

15-083-21509
E2 E2 NE
1200 FNL 330 FEL

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WICHITA, KS

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Becker Oil Corporation

P.O. Box 1150
Ponca City, OK 74602

ATTN: Clyde M. Becker

Lewis Trust #1

1-23s-21w-HodgemanKS

Job Ticket: 21969 **DST#: 1**

Test Start: 2005.10.28 @ 10:59:14

GENERAL INFORMATION:

Formation: **Towanda**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:41:29
Time Test Ended: 21:18:29

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 30

Interval: 2512.00 ft (KB) To 2565.00 ft (KB) (TVD)
Total Depth: 2565.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

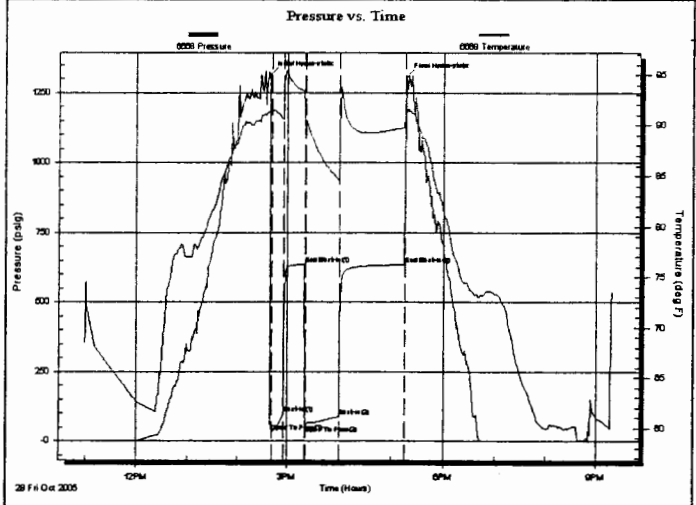
Reference Elevations: 2281.00 ft (KB)
2275.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 86.68 psig @ 2513.00 ft (KB)
Start Date: 2005.10.28 End Date: 2005.10.28
Start Time: 10:59:15 End Time: 21:18:29

Capacity: 7000.00 psig
Last Calib.: 2005.10.28
Time On Btm: 2005.10.28 @ 14:39:14
Time Off Btm: 2005.10.28 @ 17:16:29

TEST COMMENT: IF: Strong blow, BOB 25 sec. GTS 15 min.
ISI: Bled off, GTS, Blow back @ 5".
FF: Strong blow, BOB immediately.
FSI: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1315.48	91.36	Initial Hydro-static
3	32.72	91.48	Open To Flow (1)
16	96.29	90.59	Shut-In(1)
41	635.50	93.32	End Shut-In(1)
43	57.85	90.53	Open To Flow (2)
81	86.68	84.52	Shut-In(2)
156	635.26	89.79	End Shut-In(2)
158	1307.10	91.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud	0.59
0.00	Gas in all fluid free pipe.	0.00
0.00	0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	28.00	155.32
Last Gas Rate	0.50	26.00	272.53
Max. Gas Rate	0.38	28.00	155.32

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WICHITA, KS

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Becker Oil Corporation

P.O. Box 1150
Ponca City, OK 74602

ATTN: Clyde M. Becker

Lewis Trust #1

1-23s-21w-HodgemanKS

Job Ticket: 21969 **DST#: 1**

Test Start: 2005.10.28 @ 10:59:14

Tool Information

Drill Pipe:	Length:	1908.00 ft	Diameter:	3.80 inches	Volume:	26.76 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	600.00 ft	Diameter:	2.25 inches	Volume:	2.95 bbl	
					Total Volume:	29.71 bbl	

Drill Pipe Above KB:	23.00 ft
Depth to Top Packer:	2512.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	53.00 ft
Tool Length:	80.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2100.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		68000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	54000.00 lb
	Final	54000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			2490.00		
Hydraulic tool	5.00			2495.00		
Jars	5.00			2500.00		
Safety Joint	2.00			2502.00		
Packer	5.00			2507.00	27.00	Bottom Of Top Packer
Packer	5.00			2512.00		
Stubb	1.00			2513.00		
Recorder	0.00	6668	Inside	2513.00		
Perforations	10.00			2523.00		
Change Over Sub	1.00			2524.00		
Blank Spacing	31.00			2555.00		
Change Over Sub	1.00			2556.00		
Perforations	6.00			2562.00		
Recorder	0.00	13266	Outside	2562.00		
Bullnose	3.00			2565.00	53.00	Bottom Packers & Anchor
Total Tool Length:	**80.00**					

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WICHITA, KS

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

P.O. Box 1150
Ponca City, OK 74602

ATTN: Clyde M. Becker

Lewis Trust #1

1-23s-21w-HodgemanKS

Job Ticket: 21969 **DST#: 1**

Test Start: 2005.10.28 @ 10:59:14

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:	40.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	42000.00 ppm				
Filter Cake:	0.04 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Drilling Mud	0.590
0.00	Gas in all fluid free pipe.	0.000
0.00	0	0.000

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Becker Oil Corporation

P.O. Box 1150
Ponca City, OK 74602

ATTN: Clyde M. Becker

Lewis Trust #1

1-23s-21w-HodgemanKS

Job Ticket: 21969 **DST#: 1**

Test Start: 2005.10.28 @ 10:59:14

Gas Rates Information

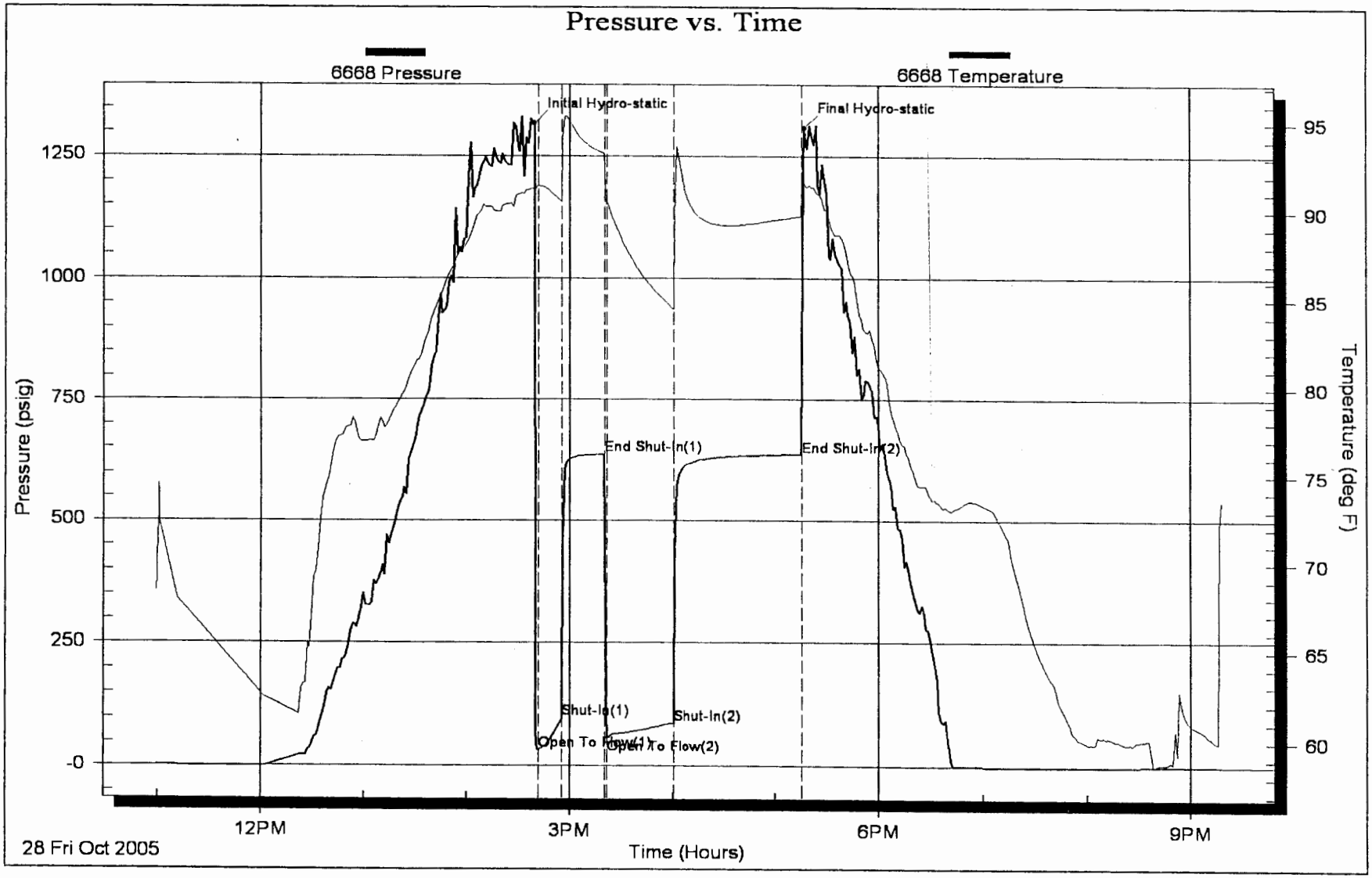
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
2	5	0.38	28.00	155.32
2	5	0.38	28.00	155.32
2	10	0.50	20.00	232.05
2	15	0.50	19.00	225.31
2	20	0.50	19.50	228.68
2	25	0.50	21.00	238.80
2	30	0.50	22.50	248.92
2	35	0.50	24.00	259.04
2	40	0.50	26.00	272.53

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Serial #: 6668 Inside Becker Oil Corporation 1-23s-21w -HodgemanKS DST Test Number: 1



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