



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

PO Box 723
Alma, NE 68920-0723

ATTN: Jason Bach

34-7s-20w Rooks,KS

Janie Lowry # 1

Start Date: 2010.10.18 @ 01:16:15

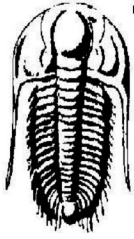
End Date: 2010.10.18 @ 09:18:30

Job Ticket #: 040367 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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 Alma, NE 68920-0723
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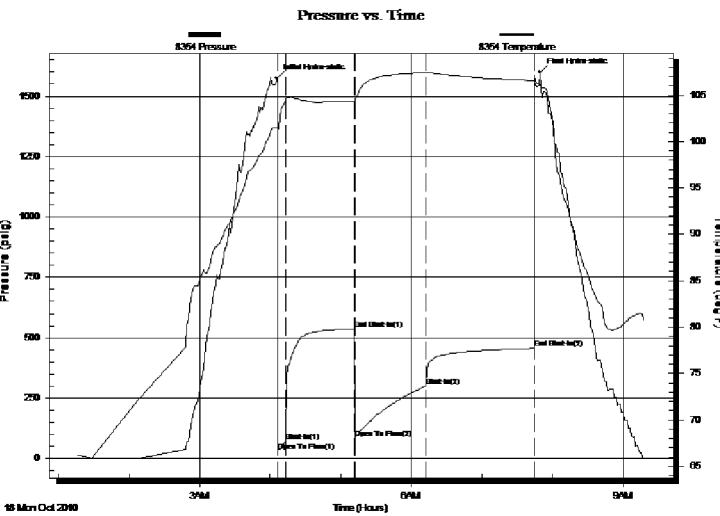
Janie Lowry # 1
34-7s-20w Rooks,KS
 Job Ticket: 040367 **S# 1**
 Test Start: 2010.10.18 @ 01:16:15

GENERAL INFORMATION:

Formation: - **LK**
 Deviated: No hipstock: ft KB
 Time Tool Opened: 04:06:45
 Time Test Ended: 09:18:30
 Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 38
 Reference Elevations: 1905.00 ft KB
 1900.00 ft F
 KB to R F: 5.00 ft

Serial # 34 **Inside**
 Press@RinDepth: 300.98 psig @ 3195.00 ft KB Capacity: 8000.00 psig
 Start Date: 2010.10.18 End Date: 2010.10.18 Last Calib.: 2010.10.18
 Start Time: 01:16:16 End Time: 09:18:30 Time On Btm: 2010.10.18 @ 04:05:30
 Time Off Btm: 2010.10.18 @ 07:49:15

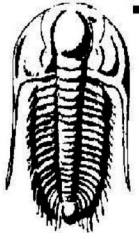
TEST COMMENT: IF-Strong B-B in 5 min
 FF-Strong B-B in 13 min



PRESSURE SUMMARY			
Time	Pressure	Temp	Annotation
Min.	psig	deg F	
0	1573.30	101.53	Initial Hydro-static
2	30.87	101.22	Open To Flow #1
8	72.78	104.49	Shut-In #1
66	537.96	104.35	End Shut-In #1
67	85.09	104.24	Open To Flow #2
128	300.98	107.42	Shut-In #2
219	455.46	106.60	End Shut-In #2
224	1598.12	106.17	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
680.00	Mdy tr	9.54

Gas Rates			
	Flow (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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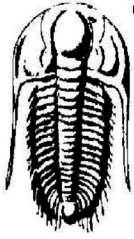
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Test Start: 2010.10.18 @ 01:16:15

Tool Information

Drill Pipe:	Length: 3200.00 ft	Diameter: 3.80 inches	Volume: 44.89 bbl	Tool Weight:	2500.00 lb
Heavy Weight 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume:</u>	Tool Weight:	0.00 ft
				String Weight: Initial	42000.00 lb
Drill Pipe Above KB:	26.00 ft			Final	44000.00 lb
Depth to Top Packer:	3194.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	56.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length	Serial	Position	Depth	CCU Lengths
Change Over Sub	1.00			3175.00	
Shot In Tool	5.00			3180.00	
Hydraulic tool	5.00			3185.00	
Packer	5.00			3190.00	20.00 Bottom Of Top Packer
Packer	4.00			3194.00	
Stab	1.00			3195.00	
Recorder	0.00	8354	Inside	3195.00	
Recorder	0.00	8520	Outside	3195.00	
Perforations	32.00			3227.00	
Blowse	3.00			3230.00	36.00 Bottom Packers & Anchor
Total Tool Length	00				



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Mud and ushion noration

Mud Type: <input type="checkbox"/> el <input type="checkbox"/> hem	<input type="checkbox"/> shion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	<input type="checkbox"/> shion Length: ft	<input type="checkbox"/> ater Salinity:	83000 ppm
<input type="checkbox"/> iscosity: 52.00 sec/st	<input type="checkbox"/> shion Volume: bbl		
<input type="checkbox"/> ater Loss: 7.59 in/hr	<input type="checkbox"/> as <input type="checkbox"/> shion Type:		
Resistivity: ohm.m	<input type="checkbox"/> as <input type="checkbox"/> shion Pressure: psig		
Salinity: 850.00 ppm			
Filter Cake: inches			

Recovery noration

Recovery Table

Length ft	Description	Volume bbl
680.00	Mdy str	9.539

Total Length: 680.00 ft Total Volume: 9.539 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: R₁ .19 @ 72 @ 83000ppm

