

DRILL STEM TEST REPORT

Prepared For: **Pauley Oil**

314 5th Street
Claflin KS 67525

ATTN: Gary Pauley

22 17 8 Ellsworth KS

Kohrs #1

Start Date: 2011.01.08 @ 06:25:57

End Date: 2011.01.08 @ 12:43:51

Job Ticket #: 41662 DST #: 1

Trilobite Testing, Inc
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil
314 5th Street
Clafin KS 67525

ATTN: Gary Pauley

Kohrs #1

22 17 8 Ellsworth KS

Job Ticket: 41662

DST#: 1

Test Start: 2011.01.08 @ 06:25:57

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 09:04:22
Time Test Ended: 12:43:51

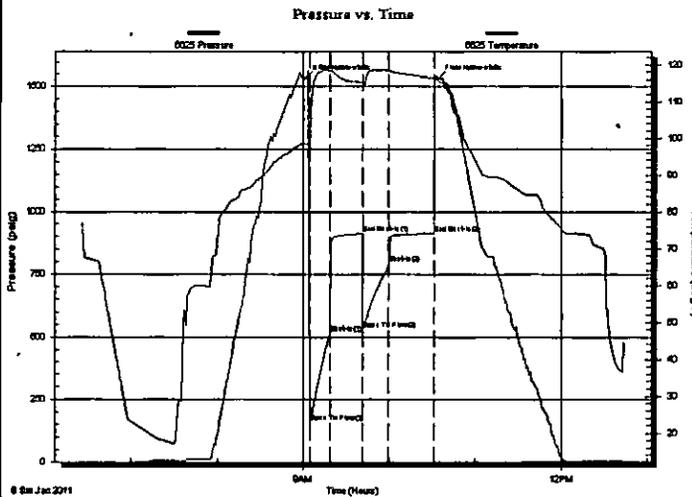
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**

Interval: **3199.00 ft (KB) To 3258.00 ft (KB) (TVD)**
Total Depth: **3258.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1809.00 ft (KB)**
1800.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 6625 Inside
Press@RunDepth: **794.10 psig @ 3203.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.01.08** End Date: **2011.01.08** Last Calib.: **2011.01.08**
Start Time: **06:25:57** End Time: **12:43:51** Time On Btm: **2011.01.08 @ 09:00:52**
Time Off Btm: **2011.01.08 @ 10:33:52**

TEST COMMENT: FFP-strg bl thru-out
ISIP-no bl bk
FFP-strg bl in 2 min
FSIP-no bl bk



PRESSURE SUMMARY

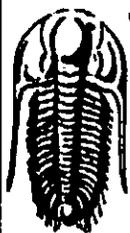
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1532.21	98.32	Initial Hydro-static
4	159.94	98.90	Open To Flow (1)
18	512.70	118.35	Shut-In(1)
40	912.01	115.15	End Shut-In(1)
41	527.76	115.00	Open To Flow (2)
59	794.10	118.33	Shut-In(2)
90	911.82	116.37	End Shut-In(2)
93	1533.79	115.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	SOCMW 1%O20%M79%W	1.12
240.00	MW 10%M90%W w/show of oil	3.37
1380.00	Water	19.36

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



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TOOL DIAGRAM

Pauley Oil

314 5th Street
Claffin KS 67525

ATTN: Gary Pauley

Kohrs #1

22 17 8 Ellsworth KS

Job Ticket: 41662

DST#: 1

Test Start: 2011.01.08 @ 06:25:57

Tool Information

Drill Pipe:	Length: 3210.00 ft	Diameter: 3.80 inches	Volume: 45.03 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 45.03 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 31000.00 lb
Depth to Top Packer:	3199.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	59.00 ft			
Tool Length:	80.00 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			3179.00	
Shut In Tool	5.00			3184.00	
Hydraulic tool	5.00			3189.00	
Packer	5.00			3194.00	21.00 Bottom Of Top Packer
Packer	5.00			3199.00	
Stubb	1.00			3200.00	
Perforations	3.00			3203.00	
Recorder	0.00	6625	Inside	3203.00	
Recorder	0.00	8700	Outside	3203.00	
Blank Spacing	33.00			3236.00	
Perforations	19.00			3255.00	
Bullnose	3.00			3258.00	59.00 Bottom Packers & Anchor

Total Tool Length: 80.00



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FLUID SUMMARY

Pauley Oil	Kohrs #1
314 5th Street Claffin KS 67525	22 17 8 Ellsworth KS
ATTN: Gary Pauley	Job Ticket: 41662 DST#: 1
	Test Start: 2011.01.08 @ 06:25:57

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil Apt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	18000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	SOCMV 1%O20%M79%W	1.122
240.00	MV 10%M90%W w/show of oil	3.367
1380.00	Water	19.358

Total Length: 1700.00 ft Total Volume: 23.847 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .5 @50F

