

DRILL STEM TEST REPORT

Prepared For: **Carter Jim dba J Carter Oil**

P.O.Box 491
Russell, Kansas 67665

ATTN: Herb Deines

5-15s-14w Russell

Keil #11

Start Date: 2011.01.16 @ 07:45:00

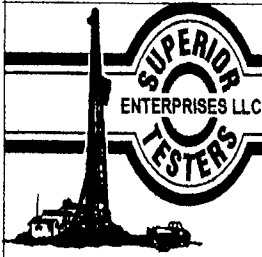
End Date: 2011.01.16 @ 00:00:00

Job Ticket #: 15760 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.01.17 @ 01:25:45

Carter Jim dba J Carter Oil Keil #11 5-15s-14w Russell DST # 1 Arbuckle 2011.01.16



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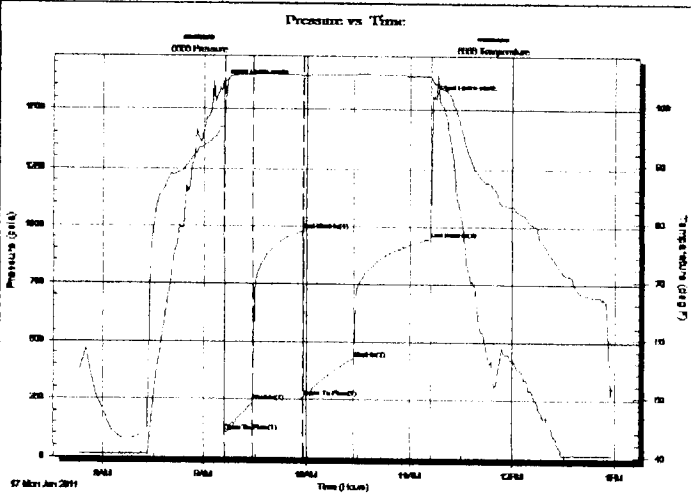
Keil #11
5-15s-14w Russell
 Job Ticket: 15760 **DST#: 1**
 Test Start: 2011.01.16 @ 07:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3170.00 ft (KB) To 3194.00 ft (KB) (TVD)**
 Total Depth: 3194.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335
 Reference Elevations: 1761.00 ft (KB)
 1756.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6666 Inside
 Press@RunDepth: 944.36 psia @ 3190.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.01.17 End Date: 2011.01.17 Last Calib.: 2011.01.17
 Start Time: 07:45:00 End Time: 12:58:30 Time On Btm: 2011.01.17 @ 09:11:30
 Time Off Btm: 2011.01.17 @ 11:13:30

TEST COMMENT: 1st Opening 15 Minutes--Fair blw built to the bottom of a 5 gallon bucket in 2 minutes
 1st Shut-in 30 Minutes--Weak intermittent blow back
 2nd Opening 30 Minutes--Fair blow built to the bottom of a 5 gallon bucket in 4 minutes
 2nd Shut-in 45 Minutes -fair blow back built to the bottom of a 5 gallon bucket in 40 minutes



PRESSURE SUMMARY

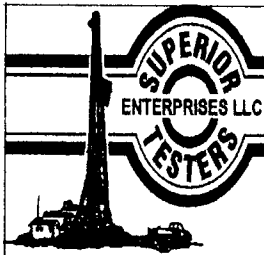
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1610.55	96.63	Initial Hydro-static
1	109.67	96.51	Open To Flow (1)
17	238.01	105.14	Shut-In(1)
47	979.82	105.04	End Shut-In(1)
47	260.89	104.92	Open To Flow (2)
76	428.66	105.10	Shut-In(2)
121	944.36	104.94	End Shut-In(2)
122	1549.64	104.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Gas in the pipe	1.70
60.00	Clean Gassy Oil 20% Gas 80% Oil	0.85
0.00	Gravity 37 corrected	0.00
150.00	Oil cut muddy water	2.13
0.00	15% Gas 20% Oil 30% Mud 35% Water	0.00
120.00	Oil cut muddy water	1.70

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

Carter Jim dba J Carter Oil

Keil #11

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Russell, Kansas 67665

5-15s-14w Russell

Job Ticket: 15760

DST#: 1

ATTN: Herb Deines

Test Start: 2011.01.16 @ 07:45:00

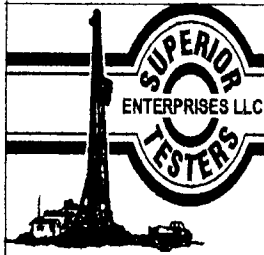
Tool Information

Drill Pipe:	Length: 3171.00 ft	Diameter: 3.82 inches	Volume: 44.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 44.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3170.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3155.00	
Hydrolic Tool	5.00			3160.00	
Packer	5.00			3165.00	20.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Perforations	19.00			3189.00	
Recorder	1.00	6666	Inside	3190.00	
Recorder	1.00		Outside	3191.00	
Bull Plug	3.00			3194.00	24.00 Bottom Packers & Anchor

Total Tool Length: 44.00



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FLUID SUMMARY

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Keil #11

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Job Ticket: 15760

DST#: 1

ATTN: Herb Deines

Test Start: 2011.01.16 @ 07:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Gas in the pipe	1.701
60.00	Clean Gassy Oil 20%Gas 80% Oil	0.851
0.00	Gravity 37 corrected	0.000
150.00	Oil cut muddy water	2.126
0.00	15%Gas 20%Oil 30%Mud 35%Water	0.000
120.00	Oil cut muddy water	1.701
0.00	20%Gas 20%Oil 10%Mud 50%w ater	0.000
120.00	Oil cut muddy water	1.701
0.00	16%Gas 14%Oil 5%Mud 65%Water	0.000
360.00	Water 2%Mud 98%Water	5.103
0.00	Chlorides 31000 Resistivity .31 @ 46 Deg	0.000

Total Length: 930.00 ft Total Volume: 13.183 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Handwritten notes:
26
17
19

Serial #: 6666

Inside

Carter Jim dba J Carter Oil

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DST Test Number: 1

Pressure vs. Time

