



DRILL STEM TEST REPORT

Woolsey Operating Co. LLC

Keesecker #3

125 North market ste 1000
Wichita KS 67202

33-34s-11w Barber

Job Ticket: 16505

DST#: 1

ATTN: Scott Alberg

Test Start: 2011.07.13 @ 03:04:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:25:00

Time Test Ended: 15:39:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis/Jared

Unit No: 3332 Pratt-130

Interval: 4769.00 ft (KB) To 4811.00 ft (KB) (TVD)

Reference Elevations: 1429.00 ft (KB)

Total Depth: 4811.00 ft (KB) (TVD)

1420.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8524 Outside

Press @ RunDepth: 120.98 psia @ 4808.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.07.13

End Date: 2011.07.13

Last Calib.: 2011.07.13

Start Time: 03:05:00

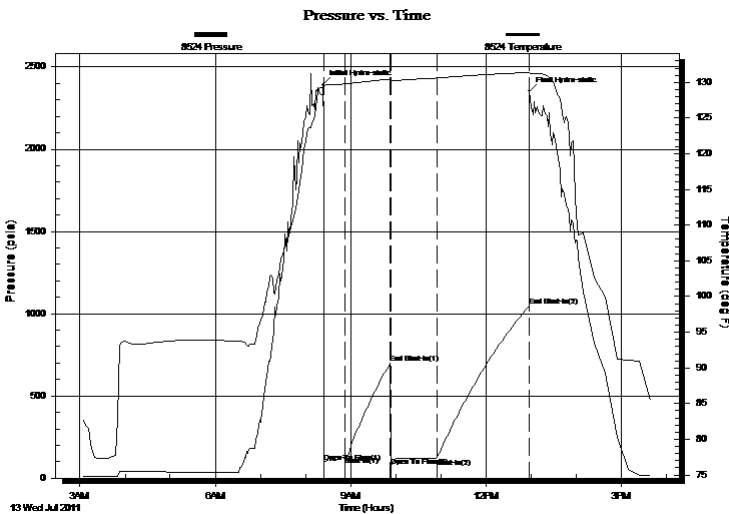
End Time: 15:39:00

Time On Btm: 2011.07.13 @ 08:23:30

Time Off Btm: 2011.07.13 @ 12:58:00

TEST COMMENT: 1st Open 30 minutes strong blow buit bottm bucket 14 minutes
1st Shut in 60 minutes blow back
2nd Open 60 minutes strong blow bottom of bucket instantly
2nd Shut in 120 minutes blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2391.05	129.16	Initial Hydro-static
2	98.16	129.43	Open To Flow (1)
29	135.15	129.77	Shut-In(1)
90	698.66	130.46	End Shut-In(1)
91	69.01	130.26	Open To Flow (2)
151	120.98	130.61	Shut-In(2)
274	1045.01	131.39	End Shut-In(2)
275	2351.68	131.36	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
180.00	Mud 100%	0.89

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 4515.00 ft	Diameter: 3.80 inches	Volume: 63.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 980000.0 lb
			<u>Total Volume: 64.55 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4769.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	4746.00	
Hydraulic Tool	5.00			4751.00	
Jars	6.00			4757.00	
Safety Joint	2.00			4759.00	
Packer	5.00			4764.00	28.00 Bottom Of Top Packer
Packer	5.00			4769.00	
Anchor	37.00			4806.00	
Recorder	1.00	8525	Inside	4807.00	
Recorder	1.00	8524	Outside	4808.00	
Bullnose	3.00			4811.00	42.00 Bottom Packers & Anchor
Total Tool Length:	70.00				



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FLUID SUMMARY

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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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Mud 100%	0.885

Total Length: 180.00 ft Total Volume: 0.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

