

DRILL STEM TEST REPORT

Prepared For: **PAULY OIL**

314 5TH ST
CLAFLIN KS 67525

ATTN: JIM MUSGROVE

20-17S-10W

HUJING #3

Start Date: 2010.05.27 @ 02:00:00

End Date: 2010.05.27 @ 07:39:00

Job Ticket #: 16369

DST #: 1

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

Printed: 2010.05.27 @ 06:40:00

15058-21243

PAULY OIL

HUJING #3

20-17S-10W

DST # 1

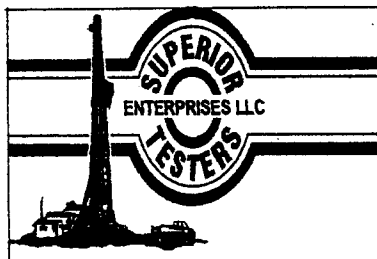
ARBuckle

2010.05.27

52 NE 36SG

780 FSL 1-195 FTL

A



DRILL STEM TEST REPORT

PAULY OIL

HUJING #3

314 5TH ST
CLAFLINKS 67525

20-17S-10W

Job Ticket: 16369

DST#: 1

ATTN: JIM MUSGROVE

Test Start: 2010.05.27 @ 02:00:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:41:00

Time Test Ended: 07:39:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 53 M GB

Interval: 3244.00 ft (KB) To 3313.00 ft (KB) (TVD)

Reference Elevations: 1840.00 ft (KB)

Total Depth: 3313.00 ft (KB) (TVD)

1834.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8400

Inside

Press@RunDepth: 174.11 psia @ 3309.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.05.27

End Date:

2010.05.27

Last Calib.:

2010.05.27

Start Time: 02:00:00

End Time:

07:39:00

Time On Btm:

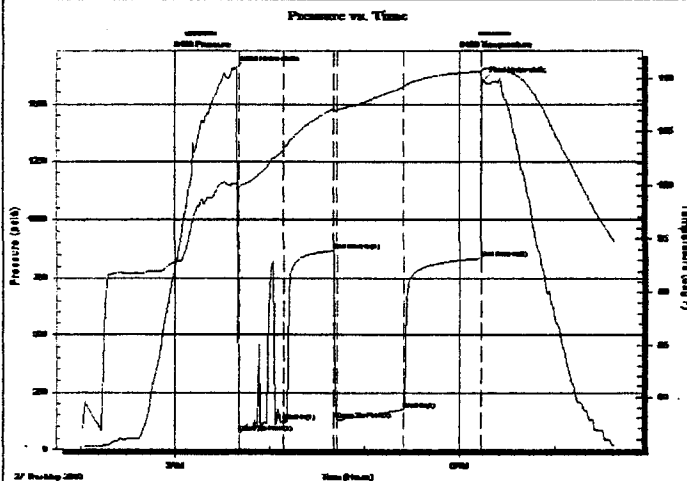
2010.05.27 @ 03:38:00

Time Off Btm:

2010.05.27 @ 06:15:00

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 11 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
45-FINAL OPENING WEAK BUILDING BLOW BUILT TO BOTTOM BUCKET IN 40 MINS
45-FINAL SHUT IN NO BLOW BACK

PRESSURE SUMMARY



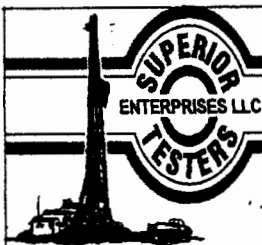
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1651.61	100.14	Initial Hydro-static
3	72.63	99.92	Open To Flow (1)
31	122.34	103.36	Shut-In(1)
63	868.15	107.10	End Shut-In(1)
65	130.25	107.06	Open To Flow (2)
107	174.11	109.24	Shut-In(2)
156	835.92	110.73	End Shut-In(2)
157	1602.30	110.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MUD TRACE OF OIL 5% O95%M	1.02
60.00	OIL CUT MUD 20% O80%M	0.88
60.00	MUD CUT OIL 40% M60%O	0.88

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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Job Ticket: 16369

DST#: 1

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Unit No: 3345 53 M GB

Interval: 3244.00 ft (KB) To 3313.00 ft (KB) (TVD)

Total Depth: 3313.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1840.00 ft (KB)

1834.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 4143

Outside

Press@RunDepth: 832.58 psia @ 3310.00 ft (KB)

Start Date: 2010.05.27

End Date:

2010.05.27

Start Time: 02:00:00

End Time:

08:08:16

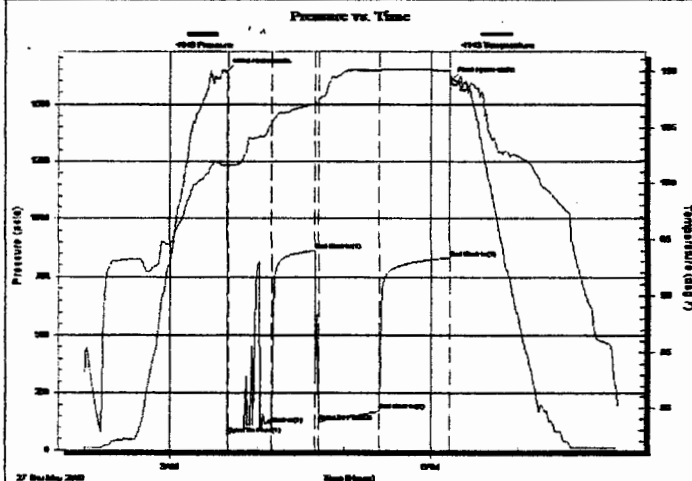
Capacity: 5000.00 psia

Last Calib.: 2010.05.27

Time On Btm: 2010.05.27 @ 03:38:46

Time Off Btm: 2010.05.27 @ 06:13:46

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 11 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
45-FINAL OPENING WEAK BUILDING BLOW BUILT TO BOTTOM BUCKET IN 40 MINS
45-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

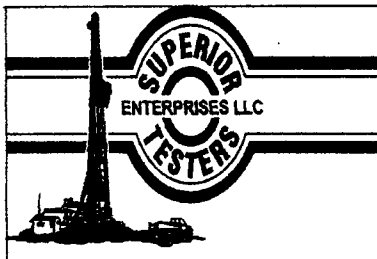
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1638.88	101.61	Initial Hydro-static
1	67.66	101.62	Open To Flow (1)
32	115.03	105.36	Shut-In(1)
61	863.43	107.11	End Shut-In(1)
64	124.65	107.52	Open To Flow (2)
106	172.77	110.07	End Shut-In(2)
154	832.58	110.06	End Shut-In(3)
155	1601.47	109.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MUD TRACE OF OIL 5%O95%M	1.02
60.00	OIL CUT MUD 20%O80%M	0.88
60.00	MUD CUT OIL 40%M60%O	0.88

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

PAULY OIL

HUJING #3

314 5TH ST
CLAFLINKS 67525

20-17S-10W

Job Ticket: 16369

DST#: 1

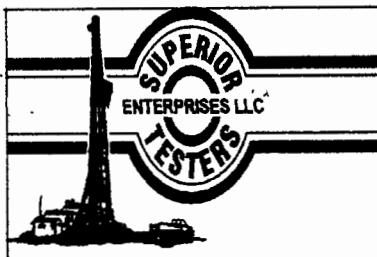
ATTN: JIM MUSGROVE

Test Start: 2010.05.27 @ 02:00:00

Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.88 inches	Volume: 47.18 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 47.18 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3244.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.00 ft			
Tool Length:	90.00 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			3224.00	
Shut-In Tool	5.00			3229.00	
Hydroic Tool	5.00			3234.00	
Packer	5.00			3239.00	21.00 Bottom Of Top Packer
Packer	5.00			3244.00	
Change Over Sub	0.75			3244.75	
Drill Pipe	29.50			3274.25	
Change Over Sub	0.75			3275.00	
Perforations	33.00			3308.00	
Recorder	1.00	8400	Inside	3309.00	
Recorder	1.00	4143	Outside	3310.00	
Bullnose	3.00			3313.00	69.00 Bottom Packers & Anchor
Total Tool Length:		90.00			



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FLUID SUMMARY

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DST#: 1

ATTN: JIM MUSGROVE

Test Start: 2010.05.27 @ 02:00:00

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: 10.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MUD TRACE OF OIL 5%O95%M	1.024
60.00	OIL CUT MUD 20%O80%M	0.877
60.00	MUD CUT OIL 40%M60%O	0.877

Tqtal Length: 190.00 ft

Total Volume: 2.778 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 4143

Outside PAULY OIL

20-17S-10W

DST Test Number: 1

