

DRILL STEM TEST REPORT

Prepared For: **L.B EXPLORATION INC**

2135 2ND RD
HOLYROOD KS 67450

ATTN: JOSH AUSTIN

36-18S-15W-BARTON

HISS #2

Start Date: 2010.06.27 @ 13:00:00

End Date: 2010.06.27 @ 19:15:00

Job Ticket #: 1103 DST #: 3

Eagle Testers LLC.

P.O.Box 1011, Great Bend, KS 67530

620-617-7548

Printed: 2010.06.27 @ 13:21:31

L.B EXPLORATION INC
HISS #2
36-18S-15W-BARTON
DST # 3
ARBUCKLE
2010.06.27



DRILL STEM TEST REPORT

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HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1103

DST#: 3

Test Start: 2010.06.27 @ 13:00:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:00

Time Test Ended: 19:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 21 MGB

Interval: 3451.00 ft (KB) To 3504.00 ft (KB) (TVD)

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3504.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6666

Press @ RunDepth: 102.91 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.27

End Date: 2010.06.27

Last Calib.: 2010.06.27

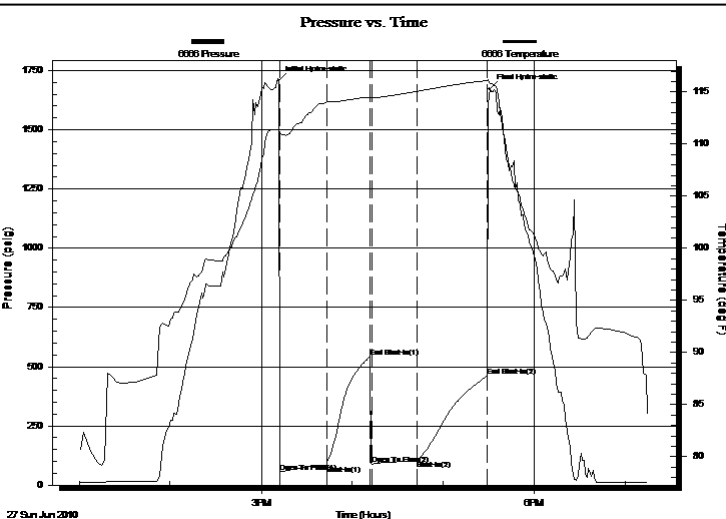
Start Time: 13:00:00

End Time: 19:15:00

Time On Btm: 2010.06.27 @ 15:11:30

Time Off Btm: 2010.06.27 @ 17:30:30

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 10 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
30-FINAL OPENING WEAK BUILDING BLOW BUILT O 5 INCHES INTO WATER
45-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.75	111.38	Initial Hydro-static
1	52.82	111.11	Open To Flow (1)
32	85.53	114.06	Shut-In(1)
60	540.88	114.51	End Shut-In(1)
62	89.45	114.42	Open To Flow (2)
92	102.91	115.05	Shut-In(2)
138	461.24	116.11	End Shut-In(2)
139	1673.26	115.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	OIL CUT MUD 40%O60%M	0.64

Gas Rates

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



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Job Ticket: 1103

DST#: 3

Test Start: 2010.06.27 @ 13:00:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:00

Time Test Ended: 19:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 21 MGB

Interval: **3451.00 ft (KB) To 3504.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3504.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6651

Press @ RunDepth: 462.97 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.27

End Date:

2010.06.27

Last Calib.:

2010.06.27

Start Time: 13:00:00

End Time:

19:21:30

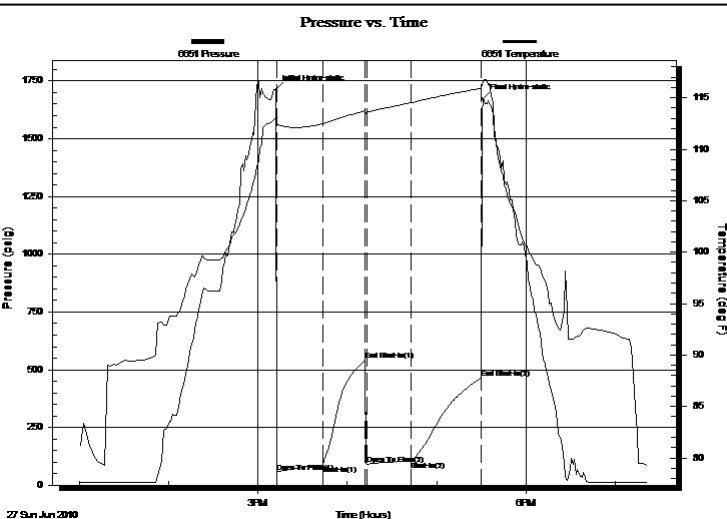
Time On Btm:

2010.06.27 @ 15:12:00

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2010.06.27 @ 17:31:00

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 10 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
30-FINAL OPENING WEAK BUILDING BLOW BUILT O 5 INCHES INTO WATER
45-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.42	112.95	Initial Hydro-static
1	54.55	112.37	Open To Flow (1)
32	87.32	112.49	Shut-In(1)
60	542.79	113.73	End Shut-In(1)
61	91.44	113.63	Open To Flow (2)
91	104.39	114.53	Shut-In(2)
138	462.97	115.89	End Shut-In(2)
139	1673.15	116.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	OIL CUT MUD 40%O60%M	0.64

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L.B EXPLORATION INC

HISS #2

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Job Ticket: 1103

DST#: 3

Test Start: 2010.06.27 @ 13:00:00

Tool Information

Drill Pipe:	Length: 2896.00 ft	Diameter: 3.88 inches	Volume: 42.35 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: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 45.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	0.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	3451.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	68.00 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			3441.00	
HYD S.I. Tool	5.00			3446.00	
TRAVEL COLER	2.00			3448.00	
Packer	3.00			3451.00	15.00 Bottom Of Top Packer
TRAVEL COLER	2.00			3453.00	
PACKER	3.00			3456.00	
CH OVER SUB	0.75			3456.75	
DRILL PIPE	31.50			3488.25	
CH OVER SUB	0.75			3489.00	
Anchor	10.00			3499.00	
REC	1.00			3500.00	
REC	1.00			3501.00	
BULL PLUG	3.00			3504.00	53.00 Anchor Tool

Total Tool Length: 68.00



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FLUID SUMMARY

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Job Ticket: 1103

DST#: 3

ATTN: JOSH AUSTIN

Test Start: 2010.06.27 @ 13:00:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
130.00	OIL CUT MUD 40%O60%M	0.639

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

