



DRILL STEM TEST REPORT

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

2135 2 ND RD
HOLYROOD KS 67450

ATTN: JIM MOUSGROVE

25-18S-15W

SCHNEIDER#1

Start Date: 2010.07.04 @ 16:00:00

End Date: 2010.07.04 @ 23:14:30

Job Ticket #: 1104 DST #: 1

Eagle Testers LLC.

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

620-617-7548

Printed: 2010.07.04 @ 16:55:49

L.B EXPLORATION INC
SCHNEIDER#1
25-18S-15W
DST # 1
LKC
2010.07.04



DRILL STEM TEST REPORT

L.B EXPLORATION INC

SCHNEIDER#1

2135 2 ND RD
HOLYROOD KS 67450

25-18S-15W

ATTN: JIM MOUSGROVE

Job Ticket: 1104

DST#: 1

Test Start: 2010.07.04 @ 16:00:00

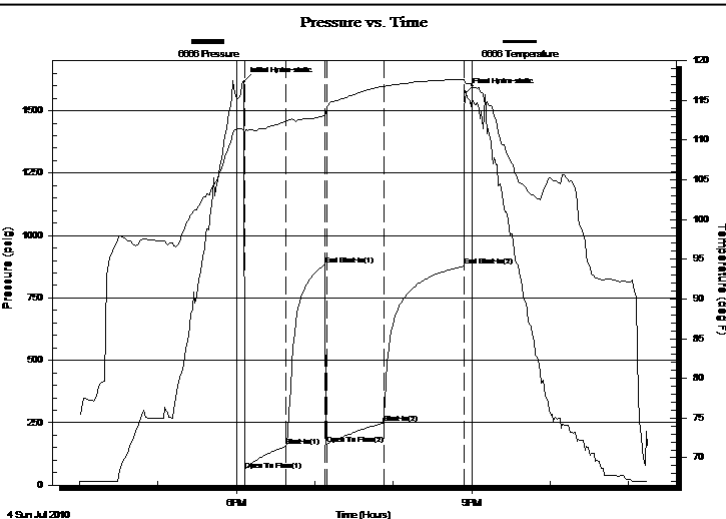
GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:06:30
 Time Test Ended: 23:14:30
 Interval: **3256.00 ft (KB) To 3302.00 ft (KB) (TVD)**
 Total Depth: 3302.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 15 22 M GB
 Reference Elevations: 1904.00 ft (KB)
 1896.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6666

Press @ Run Depth: 247.35 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2010.07.04 End Date: 2010.07.04 Last Calib.: 2010.07.04
 Start Time: 16:00:00 End Time: 23:14:30 Time On Btm: 2010.07.04 @ 18:06:00
 Time Off Btm: 2010.07.04 @ 20:55:30

TEST COMMENT: 30-INITIAL OPENING FAIR BLOW BOTTOM BUCKET IN 5 MINS
 30-INITIAL SHUT IN WEAK BLOW BACK
 45-FINAL OPENING FAIR BLOW BOTTOM BUCKET IN 7 MINS
 60-FINAL SHUT IN GOOD BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.09	111.12	Initial Hydro-static
1	59.12	111.00	Open To Flow (1)
32	154.95	112.39	Shut-In(1)
62	883.57	113.10	End Shut-In(1)
63	162.19	113.89	Open To Flow (2)
107	247.35	116.75	Shut-In(2)
168	877.13	117.64	End Shut-In(2)
170	1573.71	117.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OIL CUT MUD 40%O60%M	0.59
120.00	MUD CUT OIL 60%O40%M	0.59
120.00	GASSEY OIL TRACE OF MUD40%G55%(0.59M	
60.00	OIL AND WATER CUT MUD 10%O50%W40%	0.30
60.00	MUDDY WATER30%70%W	0.30

Gas Rates

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



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HOLYROOD KS 67450

25-18S-15W

ATTN: JIM MOUSGROVE

Job Ticket: 1104

DST#: 1

Test Start: 2010.07.04 @ 16:00:00

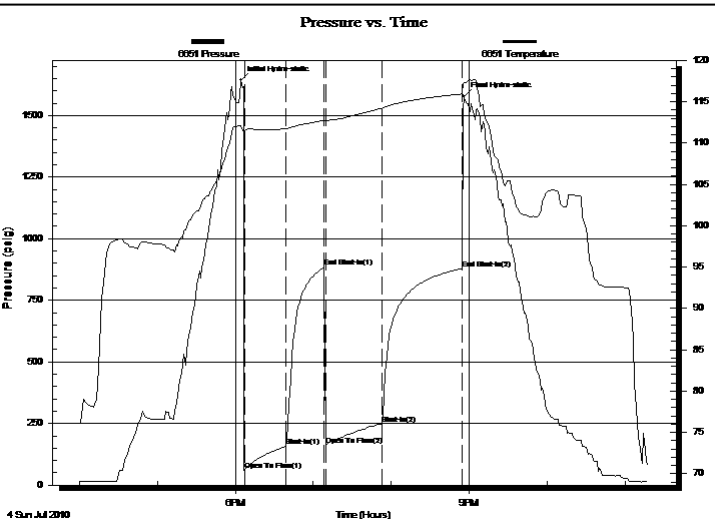
GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:06:30
 Time Test Ended: 23:14:30
Interval: 3256.00 ft (KB) To 3302.00 ft (KB) (TVD)
 Total Depth: 3302.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 15 22 M GB
 Reference Elevations: 1904.00 ft (KB)
 1896.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6651

Press @ Run Depth: 878.51 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2010.07.04 End Date: 2010.07.04 Last Calib.: 2010.07.04
 Start Time: 16:00:00 End Time: 23:18:00 Time On Btm: 2010.07.04 @ 18:04:30
 Time Off Btm: 2010.07.04 @ 20:56:00

TEST COMMENT: 30-INITIAL OPENING FAIR BLOW BOTTOM BUCKET IN 5 MINS
 30-INITIAL SHUT IN WEAK BLOW BACK
 45-FINAL OPENING FAIR BLOW BOTTOM BUCKET IN 7 MINS
 60-FINAL SHUT IN GOOD BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1643.13	112.14	Initial Hydro-static
3	59.81	111.16	Open To Flow (1)
35	159.33	111.74	Shut-In(1)
65	884.81	112.76	End Shut-In(1)
65	162.97	112.59	Open To Flow (2)
109	248.92	114.21	Shut-In(2)
170	878.51	115.94	End Shut-In(2)
172	1578.22	117.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OIL CUT MUD 40%O60%M	0.59
120.00	MUD CUT OIL 60%O40%M	0.59
120.00	GASSEY OIL TRACE OF MUD40%G55%(0.59M	
60.00	OIL AND WATER CUT MUD 10%O505M4(0.30	
60.00	MUDDY WATER30%70%W	0.30

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L.B EXPLORATION INC

SCHNEIDER#1

2135 2 ND RD
HOLYROOD KS 67450

25-18S-15W

Job Ticket: 1104

DST#: 1

ATTN: JIM MOUSGROVE

Test Start: 2010.07.04 @ 16:00:00

Tool Information

Drill Pipe:	Length: 2702.00 ft	Diameter: 3.88 inches	Volume: 39.51 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: 77000.00 lb
			<u>Total Volume: 42.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3256.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	61.00 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			3246.00	
HYD S.I. Tool	5.00			3251.00	
TRAVEL COLER	2.00			3253.00	
Packer	3.00			3256.00	15.00 Bottom Of Top Packer
TRAVEL COLER	2.00			3258.00	
PACKER	3.00			3261.00	
CH OVER SUB	0.75			3261.75	
DRILL PIPE	31.50			3293.25	
CH OVER SUB	0.75			3294.00	
Anchor	3.00			3297.00	
REC	1.00			3298.00	
REC	1.00			3299.00	
BULL PLUG	3.00			3302.00	46.00 Anchor Tool

Total Tool Length: 61.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L.B EXPLORATION INC

SCHNEIDER#1

2135 2 ND RD
HOLYROOD KS 67450

25-18S-15W

Job Ticket: 1104

DST#: 1

ATTN: JIM MOUSGROVE

Test Start: 2010.07.04 @ 16:00:00

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: 55.00 sec/qt

Cushion Volume: bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: 8.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OIL CUT MUD 40%O60%M	0.590
120.00	MUD CUT OIL 60%O40%M	0.590
120.00	GASSEY OIL TRACE OF MUD40%G55%O5%	0.590
60.00	OIL AND WATER CUT MUD 10%O505M405W	0.295
60.00	MUDDY WATER30%70%W	0.295

Total Length: 480.00 ft Total Volume: 2.360 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

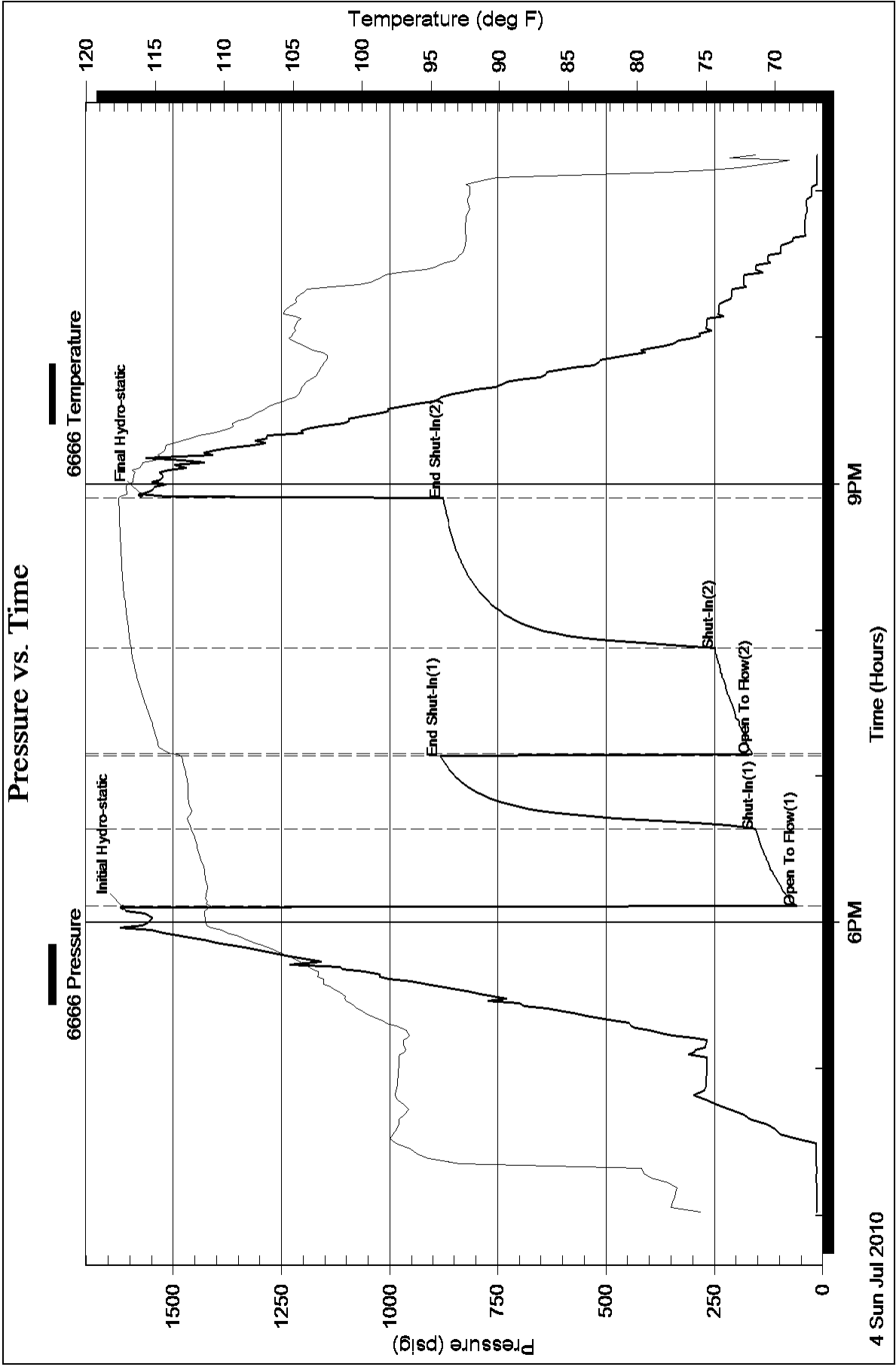
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time

