

33-17-10W

1265

RECEIVED
KANSAS STATE GEOLOGICAL SURVEY

APR 14 2008

CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **LB EXPLORATION INC**
2135 2 ND RD
HOLYROOD KS 67450

ATTN: MIKE

33-17S-10W ELLSWORT

STUMPS #1

Start Date: 2008.10.12 @ 22:45:55
End Date: 2008.10.13 @ 05:30:00
Job Ticket #: 16723 DST #: 1

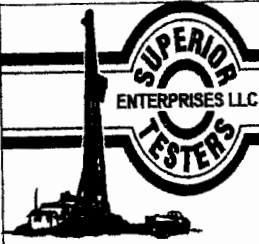
15-053-21229-0000

NE NW SW SW

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

Printed: 2008.10.13 @ 07:39:06

LB EXPLORATION INC STUMPS #1 33-17S-10W ELLSWORT US 1 # 1 ARBUCKLE 2008.10.14



DRILL STEM TEST REPORT

LB EXPLORATION INC
 2135 2 ND RD
 HOLYROOD KS 67450
 ATTN: MIKE

STUMPS #1

33-17S-10W ELLSWORT
 Job Ticket: 16723 **DST#: 1**
 Test Start: 2008.10.12 @ 22:45:55

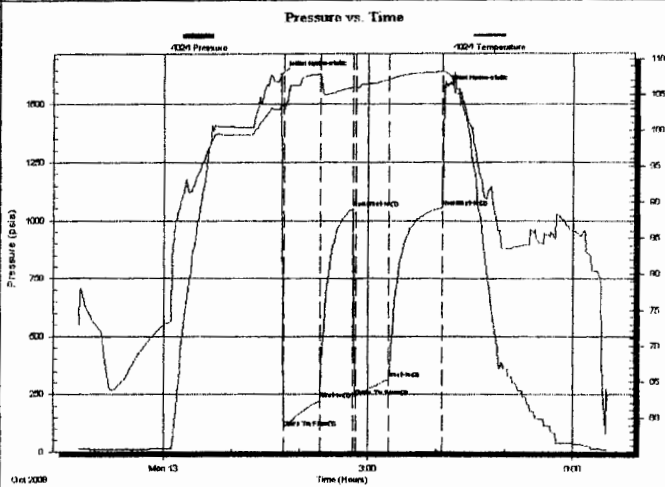
GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:46:10
 Time Test Ended: 05:30:00
 Interval: **3200.00 ft (KB) To 3273.00 ft (KB) (TVD)**
 Total Depth: 3273.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: RANDY WILLIAMS
 Unit No: 3325 / 22 MILES GB
 Reference Elevations: 1790.00 ft (KB)
 1783.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 4024

Press@RunDepth: 316.49 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2008.10.12 End Date: 2008.10.13 Last Calib.: 1899.12.30
 Start Time: 22:45:56 End Time: 06:30:11 Time On Btm: 2008.10.13 @ 01:44:10
 Time Off Btm: 2008.10.13 @ 04:06:11

TEST COMMENT: 30-INITIAL FLOW-BUILDING BLOW BUILT TO BOTTOM OF BUCKET IN 3 MINS
 30-INITIAL SHUT IN-NO BLOW BACK
 30-FINAL FLOW-BUILDING BLOW BUILT TO BOTTOM OF BUCKET IN 6 MINS
 45-FINAL SHUT IN-NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1631.93	103.50	Initial Hydro-static
2	104.23	103.27	Open To Flow (1)
35	225.45	107.89	Shut-In(1)
63	1050.73	106.03	End Shut-In(1)
65	239.78	105.98	Open To Flow(2)
95	316.49	107.08	Shut-In(2)
141	1054.54	108.21	End Shut-In(2)
143	1566.56	108.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MO MUD 40% OIL 60%	0.42
60.00	OM OIL 20% MUD 80%	0.84
60.00	OM OIL 15% MUD 85%	0.84
60.00	OM OIL 40% MUD 60%	0.84
60.00	OM OIL 45% MUD 55%	0.84
120.00	MO MUD 40% OIL 60%	1.68

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB EXPLORATION INC

STUMPS #1

2135 2 ND RD

33-17S-10W ELLSWORT

HOLYROOD KS 67450

Job Ticket: 16723

DST#: 1

ATTN: MIKE

Test Start: 2008.10.12 @ 22:45:55

Tool Information

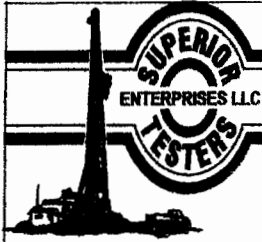
Drill Pipe:	Length: 3189.00 ft	Diameter: 3.80 inches	Volume: 44.73 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 38000.00 lb
			<u>Total Volume: 44.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3200.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3185.00	
Hydraulic Tool	5.00			3190.00	
Packer	5.00			3195.00	20.00 Bottom Of Top Packer
Packer	5.00			3200.00	
Handling Subb	5.00			3205.00	
Perforations	30.00			3235.00	
C.O. Sub	0.75			3235.75	
Drill Pipe	31.50			3267.25	
C.O. Sub	0.75			3268.00	
Bullnose	5.00			3273.00	73.00 Bottom Packers & Anchor
Total Tool Length:	93.00				

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 14 2009
 CONSERVATION DIVISION
 WICHITA KS



DRILL STEM TEST REPORT

FLUID SUMMARY

LB EXPLORATION INC
 2135 2 ND RD
 HOLYROOD KS 67450
 ATTN: MIKE

STUMPS #1
33-17S-10W ELLSWORT
 Job Ticket: 16723 DST#: 1
 Test Start: 2008.10.12 @ 22:45:55

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: bbl		
Water Loss: 10.79 in ²	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MO MUD 40% OIL 60%	0.421
60.00	OM OIL 20% MUD 80%	0.842
60.00	OM OIL 15% MUD 85%	0.842
60.00	OM OIL 40% MUD 60%	0.842
60.00	OM OIL 45% MUD 55%	0.842
120.00	MO MUD 40% OIL 60%	1.683
60.00	MWO MUD 10% WATER 10% OIL 80%	0.842
60.00	MO MUD 20% OIL 80%	0.842
60.00	WMO WATER 20% MUD 20% OIL 60%	0.842
60.00	WMO WATER 30% MUD 30% OIL 40%	0.842
60.00	OWM OIL 10% WATER 10% MUD 80%	0.842

Total Length: 690.00 ft Total Volume: 9.682 bbl
 Num Fluid Samples: 12 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 14 2009
 CONSERVATION DIVISION
 WICHITA, KS

Serial #: 4024

LB EXPLORATION INC

33-17S-10W ELLSWORT

DST Test Number: 1

