



DRILL STEM TEST REPORT

Prepared For: **LB exploration Inc**

2135 2ND RD Holyrood KS 67450 + 9021

ATTN: Steven

Strong #1

35-32-13 Barber

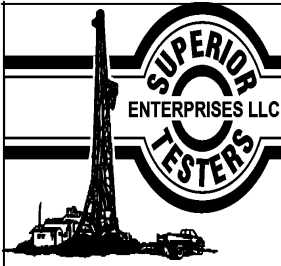
Start Date: 2012.01.14 @ 09:50:00

End Date: 2012.01.14 @ 18:04:30

Job Ticket #: 18727 DST #: 3

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

Printed: 2012.01.14 @ 18:18:58



DRILL STEM TEST REPORT

LB exploration Inc
 2135 2ND RD Holyrood KS 67450 + 9021
 ATTN: Steven

35- 32- 13 Barber
Strong #1
 Job Ticket: 18727 **DST#: 3**
 Test Start: 2012.01.14 @ 09:50:00

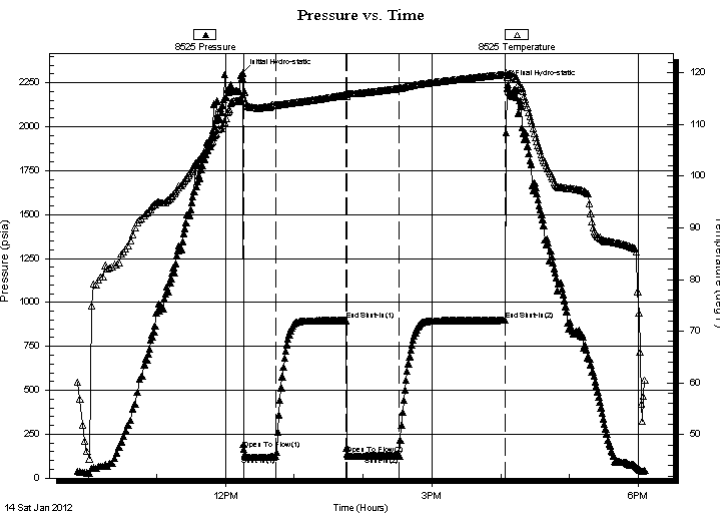
GENERAL INFORMATION:

Formation: **Massey**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:18:00
 Time Test Ended: 18:04:30
 Interval: **4414.00 ft (KB) To 4459.00 ft (KB) (TVD)**
 Total Depth: 4459.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Pratt -80
 Reference Elevations: 1692.00 ft (KB)
 1682.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8525

Press @ RunDepth: 897.77 psia @ ft (KB) Capacity: psia
 Start Date: 2012.01.14 End Date: 2012.01.14 Last Calib.: 1899.12.30
 Start Time: 09:50:00 End Time: 18:05:30 Time On Btm: 2012.01.14 @ 12:15:00
 Time Off Btm: 2012.01.14 @ 16:06:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in less then 1 minute gas to surface see gas report
 1st Shut-in 60 Minutes-Blow back
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in less then 1 minute
 2nd Shut-in 90 Minutes-Blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2304.29 | 115.80 | Initial Hydro-static |
| 1 | 165.78 | 116.21 | Open To Flow (1) |
| 29 | 122.69 | 113.69 | Shut-In(1) |
| 90 | 897.12 | 115.70 | End Shut-In(1) |
| 91 | 134.49 | 115.69 | Open To Flow (2) |
| 137 | 126.49 | 116.93 | Shut-In(2) |
| 229 | 897.77 | 119.65 | End Shut-In(2) |
| 231 | 2237.61 | 119.45 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 40.00 | Mud | 0.56 |
| 0.00 | 4358 Gas in pipe | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.25 | 10.00 | 15.86 |
| Last Gas Rate | 0.38 | 5.47 | 20.04 |
| Max. Gas Rate | 0.25 | 10.00 | 15.86 |



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB exploration Inc
 2135 2ND RD Holyrood KS 67450 + 9021
 ATTN: Steven

35- 32- 13 Barber
Strong #1
 Job Ticket: 18727 **DST#: 3**
 Test Start: 2012.01.14 @ 09:50:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 4398.00 ft | Diameter: 3.80 inches | Volume: 61.69 bbl | Tool Weight: | 1000.00 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: | 80000.00 lb |
| | | | <u>Total Volume: 61.69 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 12.00 ft | | | String Weight: Initial | 65000.00 lb |
| Depth to Top Packer: | 4414.00 ft | | | Final | 66000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 45.00 ft | | | | |
| Tool Length: | 73.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | | |

Tool Comments: Gas to surface 17 Minutes into 1st open see gas report/

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|------------------------------------|
| SHut-InTool | 5.00 | | Inside | 4391.00 | |
| Hydraulic Tool | 5.00 | | | 4396.00 | |
| Jars | 6.00 | | | 4402.00 | |
| Safety Joint | 2.00 | | | 4404.00 | |
| Packer | 5.00 | | | 4409.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4414.00 | |
| Anchor | 40.00 | | | 4454.00 | |
| Recorder | 1.00 | 8524 | Inside | 4455.00 | |
| Recorder | 1.00 | 8525 | Outside | 4456.00 | |
| Bullnose | 3.00 | | | 4459.00 | 45.00 Bottom Packers & Anchor |
| Total Tool Length: | 73.00 | | | | |



DRILL STEM TEST REPORT

FLUID SUMMARY

LB exploration Inc
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 ATTN: Steven

35- 32- 13 Barber
Strong #1
 Job Ticket: 18727 **DST#: 3**
 Test Start: 2012.01.14 @ 09:50:00

Mud and Cushion Information

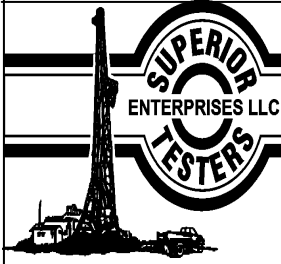
| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 52.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 9.18 in ³ | 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 |
|--------------|------------------|---------------|
| 40.00 | Mud | 0.561 |
| 0.00 | 4358 Gas in pipe | 0.000 |

Total Length: 40.00 ft Total Volume: 0.561 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gas to surface 17 minutes into 1st opening see gas report/



DRILL STEM TEST REPORT

GAS RATES

LB exploration Inc

35- 32- 13 Barber

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Strong #1

Job Ticket: 18727

DST#: 3

ATTN: Steven

Test Start: 2012.01.14 @ 09:50:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

| Flow Period | Elapsed Time | Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|-------------|--------------|----------------|-----------------|------------------|
| 1 | 10 | 0.25 | 10.00 | 15.86 |
| 1 | 10 | 0.25 | 5.00 | 7.93 |
| 2 | 10 | 0.38 | 5.00 | 18.32 |
| 2 | 10 | 0.38 | 5.47 | 20.04 |
| 2 | 10 | 0.38 | 5.47 | 20.04 |
| 2 | 10 | 0.38 | 5.47 | 20.04 |

