

DRILL STEM TEST REPORT

F.G.Holl

Leroy Farming Trust 1-30

9431 East Central Suit 100
Wichita Kansas 67208

30-19s-14w-Barton

Job Ticket: 17203

DST#: 5

ATTN: Frank

Test Start: 2011.08.30 @ 04:30:00

GENERAL INFORMATION:

Formation: Lancing H I J K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:06:30

Time Test Ended: 13:12:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-GB-20

Interval: 3315.00 ft (KB) To 3400.00 ft (KB) (TVD)

Total Depth: 3400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1829.00 ft (KB)

1710.00 ft (CF)

KB to GR/CF: 119.00 ft

Serial #: 6806

Inside

Press@RunDepth: 832.38 psia @ 3396.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.08.30

End Date:

2011.08.30

Last Calib.:

2011.08.30

Start Time: 04:31:00

End Time:

13:12:30

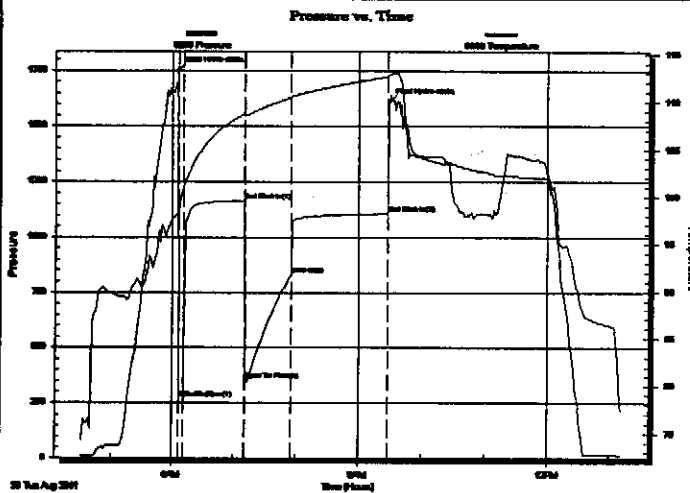
Time On Btm:

2011.08.30 @ 06:06:00

Time Off Btm:

2011.08.30 @ 09:28:30

TEST COMMENT: 1st open 5 minutes Strong blow bottom of bucket 1 minute
1st shut in 60 minutes Yes blow back
2nd open 45 minutes Strong blow built to bottom of bucket instantly
2nd shut in 90 minutes Yes blow back



PRESSURE SUMMARY

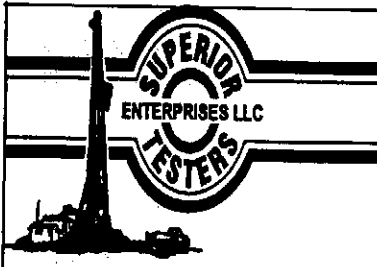
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1749.83 | 98.43 | Initial Hydro-static |
| 1 | 269.49 | 98.28 | Open To Flow (1) |
| 6 | 304.87 | 101.00 | Shut-In(1) |
| 64 | 1162.09 | 108.69 | End Shut-In(1) |
| 66 | 355.99 | 108.54 | Open To Flow (2) |
| 110 | 832.38 | 110.50 | Shut-In(2) |
| 202 | 1106.19 | 112.69 | End Shut-In(2) |
| 203 | 1608.53 | 112.84 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--|--------------|
| 60.00 | muddy oily gas 10% gas 40% oil 50% mud | 0.84 |
| 60.00 | muddy oil 10% oil 90% mud | 0.84 |
| 2755.00 | clean gassy oil 100% | 38.65 |
| 0.00 | Gravity of oil 35 corrected | 0.00 |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 6.00 | 2.25 |
| Last Gas Rate | 0.25 | 9.00 | 14.28 |
| Max. Gas Rate | 0.13 | 9.00 | 3.37 |



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FLUID SUMMARY

F.G.Holl
 9431 East Central Suit 100
 Wichita Kansas 67208
 ATTN: Frank

Leroy Farming Trust 1-30
 30-19s-14w-Barton
 Job Ticket: 17203 DST#: 5
 Test Start: 2011.08.30 @ 04:30:00

Mud and Cushion Information

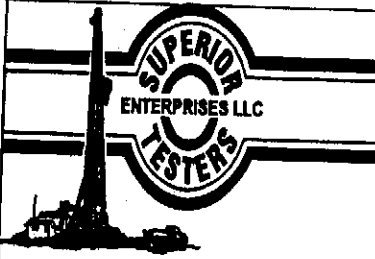
| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 50.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.79 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psia | | |
| Salinity: 8100.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|-----------|--|------------|
| 60.00 | muddy oily gas 10% gas 40% oil 50% mud | 0.842 |
| 60.00 | muddy oil 10% oil 90% mud | 0.842 |
| 2755.00 | clean gassy oil 100% | 38.645 |
| 0.00 | Gravity of oil 35 corrected | 0.000 |

Total Length: 2875.00 ft Total Volume: 40.329 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



DRILL STEM TEST REPORT

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Leroy Farming Trust 1-30
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Test Start: 2011.08.30 @ 04:30:00

ATTN: Frank

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 | 0.13 | 6.00 | 2.25 |
| 1 | 10 | 0.13 | 6.00 | 2.25 |
| 2 | 20 | 0.13 | 9.00 | 3.37 |
| 3 | 30 | 0.25 | 9.00 | 14.28 |

