

DRILL STEM TEST REPORT

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

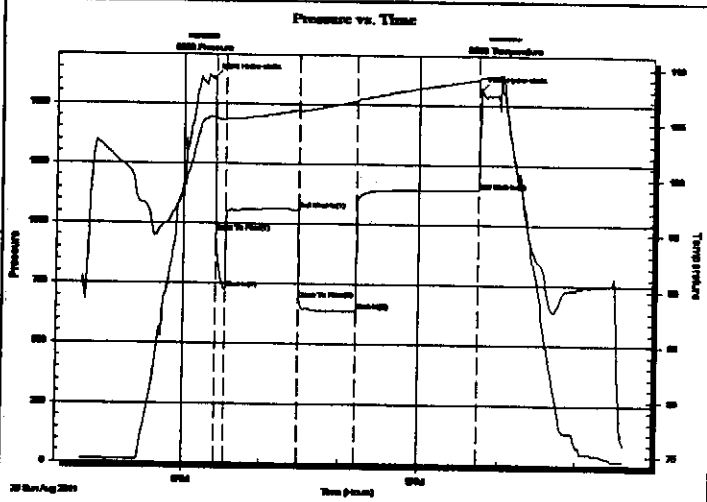
Leroy Farming Trust 1-30
 30-19s-14w-Barton
 Job Ticket: 17201 DST#: 3
 Test Start: 2011.08.28 @ 04:40:00

GENERAL INFORMATION:

Formation: **Lancing A-B**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: 06:25:30 Tester: **Dustin Ellis**
 Time Test Ended: 11:37:00 Unit No: **3315-GB-20**
 Interval: **3195.00 ft (KB) To 3236.00 ft (KB) (TVD)** Reference Elevations: **1829.00 ft (KB)**
 Total Depth: **3236.00 ft (KB) (TVD)** **1710.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **119.00 ft**

Serial #: **6663** Outside
 Press@RunDepth: **1145.73 psia @ 3233.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2011.08.28** End Date: **2011.08.28** Last Calib.: **2011.08.28**
 Start Time: **04:41:00** End Time: **11:37:30** Time On Btm: **2011.08.28 @ 06:24:00**
 Time Off Btm: **2011.08.28 @ 09:48:30**

TEST COMMENT: 1st open 5 minutes Strong blow bottom of bucket less than 1 minutes
 1st shut in 60 minutes Yes blow back
 2nd open 45 minutes Strong blow booyum of bucket instantly
 2nd shutin 90 minutes Yes blow back



PRESSURE SUMMARY

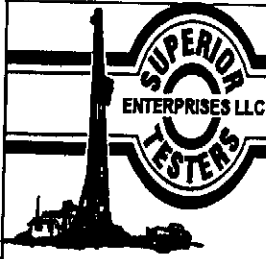
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1806.39	105.58	Initial Hydro-static
2	959.01	105.41	Open To Flow (1)
9	725.49	105.25	Shut-in(1)
65	1059.43	106.16	End Shut-in(1)
66	685.30	106.08	Open To Flow (2)
109	637.06	106.97	Shut-in(2)
201	1145.73	109.03	End Shut-in(2)
203	1563.74	109.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Drilling mudd 100%	0.84

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	1.00	44.00	1264.95
Last Gas Rate	1.00	48.00	1379.94
Max. Gas Rate	1.00	48.00	1379.94



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GAS RATE

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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	1.00	44.00	1264.95
1	10	1.00	48.00	1379.94
2	20	1.00	48.00	1379.94
3	30	1.00	48.00	1379.94

