

DRILL STEM TEST REPORT

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

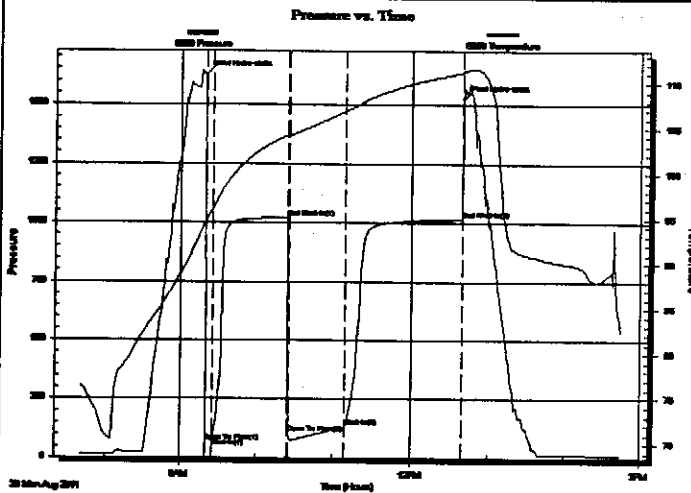
Leroy Farming Trust 1-30
 30-19s-14w-Barton
 Job Ticket: 17202 DST#: 4
 Test Start: 2011.08.29 @ 07:40:00

GENERAL INFORMATION:

Formation: **Lancing-F**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:20:30
 Time Test Ended: 14:45:30
 Interval: **3246.00 ft (KB) To 3270.00 ft (KB) (TVD)**
 Total Depth: **3291.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Straddle (Initial)**
 Tester: **Dustin Ellis**
 Unit No: **3315-GB-20**
 Reference Elevations: **1829.00 ft (KB)**
1710.00 ft (CF)
KB to GR/CF: 119.00 ft

Serial #: **6999** Inside
 Press@RunDepth: **131.91 psia @ 3268.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2011.08.29** End Date: **2011.08.29** Last Calib.: **2011.08.29**
 Start Time: **07:41:00** End Time: **14:45:30** Time On Btm: **2011.08.29 @ 09:20:00**
 Time Off Btm: **2011.08.29 @ 12:40:30**

TEST COMMENT: 1st open 5 minutes Strong blow built to bottom of bucket in 5 minutes
 1st shut in 60 minutes No blow back
 2nd open 45 minutes Strong blow built to bottom of bucket in 1 minutes
 2nd shut in 90 minutes No blow back



PRESSURE SUMMARY

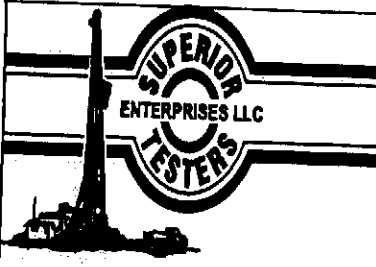
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1621.95	94.82	Initial Hydro-static
1	67.02	94.71	Open To Flow (1)
6	80.48	96.05	Shut-In(1)
64	1021.96	104.22	End Shut-In(1)
66	103.22	104.16	Open To Flow (2)
110	131.91	106.91	Shut-In(2)
200	1015.83	111.13	End Shut-In(2)
201	1526.00	111.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	100% oil	1.68
60.00	Gassy Oil 90% oil 10% gas	0.84
120.00	Gassy Oil 60% oil 40% gas	1.68
60.00	Muddy Gassy Oil 50% oil 30% mud 20% gas	0.84
0.00	1950 gas in pipe	0.00
0.00	Gravity 30 corrected	0.00

Gas Rates

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



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FLUID SUMMARY

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Witchita Kansas 67208

30-19s-14w-Barton

Job Ticket: 17202

DST#: 4

ATTN: Frank

Test Start: 2011.08.29 @ 07:40:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	ft		
Water Loss: 7.97 in*	Cushion Volume:		
Resistivity: ohm.m	Gas Cushion Type:		
Salinity: 8300.00 ppm	Gas Cushion Pressure:		
Filter Cake: 1.00 inches	psia		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	100% oil	1.683
60.00	Gassy Oil 90% oil 10% gas	0.842
120.00	Gassy Oil 60% oil 40% gas	1.683
60.00	Muddy Gassy Oil 50%oil 30%mud20%	0.842
0.00	1950 gas in pipe	0.000
0.00	Gravity 30 corrected	0.000

Total Length: 360.00 ft Total Volume: 5.050 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6999

Inside F.G.Hol

30-19s-14w-Barton

DST Test Number: 4

