

DRILL STEM TEST REPORT

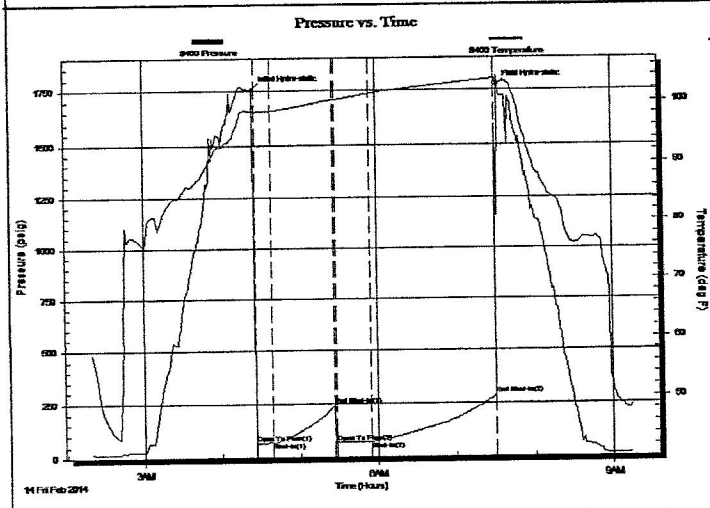
Gilbert - Stewart Operating **34-21-13w Stafford**
 1801 Broadway Ste 450 Denver CO 80202+3883 **RLS #6**
 ATTN: Adam Nighswonger Job Ticket: 19132 **DST#: 1**
Test Start: 2014.02.14 @ 02:18:00

GENERAL INFORMATION:

Formation: **LKC " I, J, K, L "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:27:00
 Time Test Ended: 09:15:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-50
 Interval: **3506.00 ft (KB) To 3580.00 ft (KB) (TVD)**
 Total Depth: 3580.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1896.00 ft (KB)
 1886.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8400
 Press@RunDepth: 286.02 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.14 End Date: 2014.02.14 Last Calib.: 2014.02.14
 Start Time: 02:18:00 End Time: 09:15:00 Time On Btm: 2014.02.14 @ 04:25:30
 Time Off Btm: 2014.02.14 @ 07:32:00

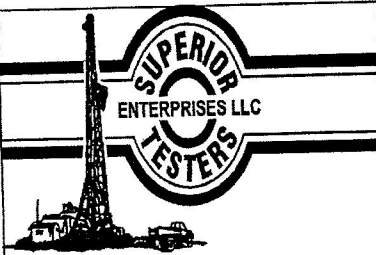
TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 1 inch into water in 15 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 30 Minutes-Weak blow built 2 1/2 inches into water in 30 Minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1757.28	98.39	Initial Hydro-static
1	66.58	98.24	Open To Flow (1)
14	69.73	98.41	Shut-In(1)
62	243.04	100.25	End Shut-In(1)
63	66.64	100.21	Open To Flow (2)
90	70.58	101.13	Shut-In(2)
185	286.02	103.54	End Shut-In(2)
187	1769.75	102.56	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	oil mud 10%oil 90%mud	0.14

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

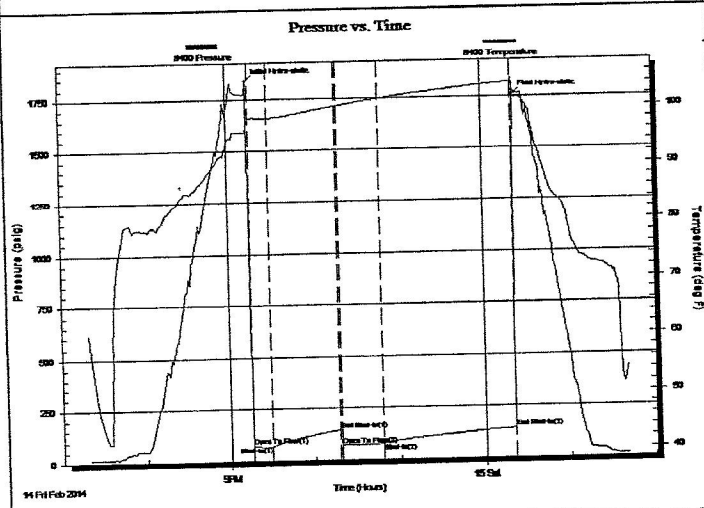
Gilbert -Stewart Operating **34-21-13w Stafford**
 1801 Broadway Ste 450 Denver CO 80202+3883 **RLS #6**
 ATTN: Adam Nighswonger Job Ticket: 19133 **DST#: 2**
 Test Start: 2014.02.14 @ 19:18:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:16:00
 Time Test Ended: 01:41:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-50
 Interval: **3585.00 ft (KB) To 3660.00 ft (KB) (TVD)**
 Total Depth: 3660.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1896.00 ft (KB)
 1886.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8400
 Press@RunDepth: 138.95 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.14 End Date: 2014.02.15 Last Calib.: 2014.02.15
 Start Time: 19:18:00 End Time: 01:41:30 Time On Btm: 2014.02.14 @ 21:14:30
 Time Off Btm: 2014.02.15 @ 00:22:00

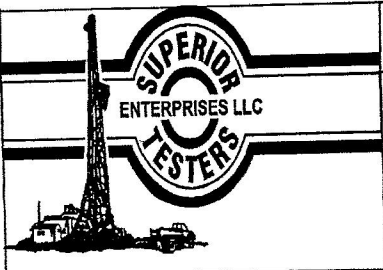
TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 2 inches into water in 15 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 30 Minutes-Weak blow built 2 inches into water in 30 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.33	97.18	Initial Hydro-static
1	70.88	98.19	Open To Flow (1)
15	69.89	98.35	Shut-In(1)
63	140.19	100.30	End Shut-In(1)
64	68.77	100.34	Open To Flow (2)
94	77.78	101.53	Shut-In(2)
187	138.95	104.14	End Shut-In(2)
188	1754.77	103.65	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Gilbert -Stewart Operating **34-21-13w Stafford**
 1801 Broadway Ste 450 Denver CO 80202+3883 **RLS #6**
 ATTN: Adam Nighswonger Job Ticket: 19134 **DST#: 3**
 Test Start: 2014.02.15 @ 07:18:00

GENERAL INFORMATION:

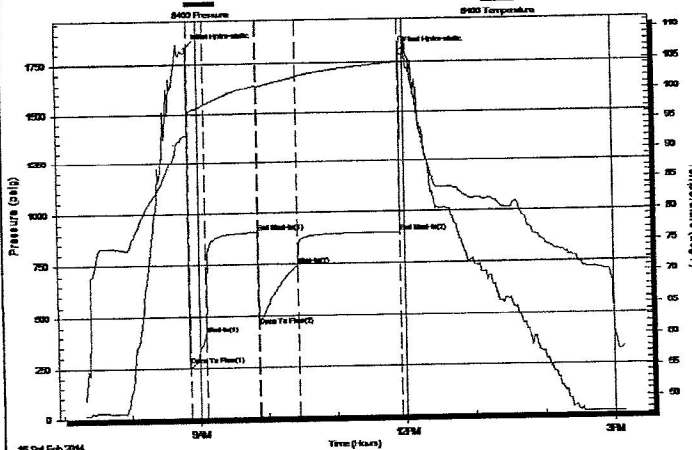
Formation: **Viola** Test Type: Conventional Bottom Hole (Initial)
 Deviated: No Whipstock: ft (KB) Tester: Jared Scheck
 Time Tool Opened: 08:52:00 Unit No: 3320-Great Bend-50
 Time Test Ended: 15:10:00
 Interval: **3660.00 ft (KB) To 3680.00 ft (KB) (TVD)** Reference Elevations: 1896.00 ft (KB)
 Total Depth: 3680.00 ft (KB) (TVD) 1886.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

Serial #: 8400

Press@RunDepth: 900.32 psig @ 3677.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.15 End Date: 2014.02.15 Last Calib.: 2014.02.15
 Start Time: 07:18:00 End Time: 15:09:30 Time On Btm: 2014.02.15 @ 08:51:00
 Time Off Btm: 2014.02.15 @ 11:56:30

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 1 minutes
 1st Shut-in 45 Minutes-Blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute gas to surface see gas report
 2nd Shut-in 90 Minutes-Blow back

Pressure vs. Time



PRESSURE SUMMARY

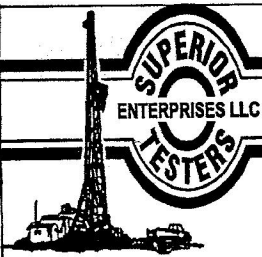
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.88	92.68	Initial Hydro-static
1	265.49	95.94	Open To Flow (1)
16	415.03	97.83	Shut-In(1)
61	906.45	100.85	End Shut-In(1)
62	453.29	100.70	Open To Flow (2)
96	740.02	102.30	Shut-In(2)
185	900.32	104.54	End Shut-In(2)
186	1805.50	106.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1980.00	clean gas oil	27.77
0.00	Gas in pipe	0.00
0.00	Gravity oil 45 gas sample was taken	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	17.50	11.94
Last Gas Rate	0.13	10.50	9.32
Max. Gas Rate	0.13	17.50	11.94



DRILL STEM TEST REPORT

Gilbert - Stewart Operating

34-21-13w Stafford

1801 Broadway Ste 450 Denver CO 80202+3883

RLS #6

Job Ticket: 19135

DST#: 4

ATTN: Adam Nighswonger

Test Start: 2014.02.16 @ 06:35:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 08:08:30

Time Test Ended: 15:26:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzern

Unit No: 3320/50/Great Bend

Interval: 3678.00 ft (KB) To 3730.00 ft (KB) (TVD)

Total Depth: 3730.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1896.00 ft (KB)

1886.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8400

Press@RunDepth: 921.18 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.02.16

End Date:

2014.02.16

Last Calib.:

2014.02.16

Start Time: 06:45:00

End Time:

15:36:30

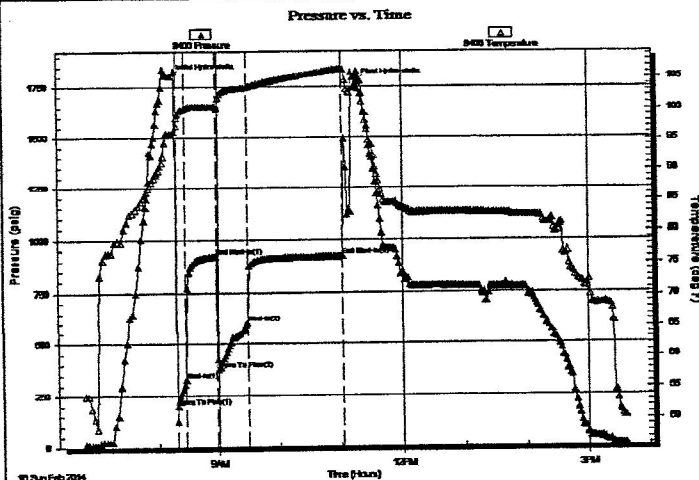
Time On Btm:

2014.02.16 @ 08:14:00

Time Off Btm:

2014.02.16 @ 11:16:00

TEST COMMENT: 1st Open/ 10 Minutes. Strong blow built to bottom of 5 gallon bucket of water in 45 seconds.
 1st Shut In/ 30 Minutes. Blow back built to 8 inches into 5 gallon bucket of water.
 2nd Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket in 1 minute 10 seconds. Gas to surface in 11 minutes and 30 seconds.



PRESSURE SUMMARY

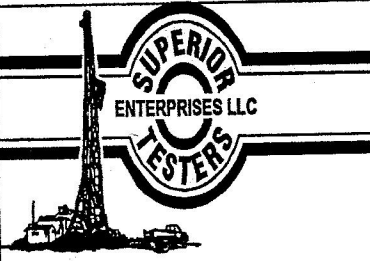
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1800.35	95.92	Initial Hydro-static
5	200.32	98.63	Open To Flow (1)
14	328.72	100.05	Shut-In (1)
44	922.87	100.42	End Shut-In (1)
46	377.01	100.26	Open To Flow (2)
75	605.25	103.46	Shut-In (2)
168	921.18	106.57	End Shut-In (2)
182	1771.70	103.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2205.00	100% Clean Gassy Oil.	30.93
0.00	Oil Gravity corrected w as 42.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.20	7.34
Last Gas Rate	0.13	5.20	7.34
Max. Gas Rate	0.13	5.50	7.45



DRILL STEM TEST REPORT

Gilbert -Stewart Operating

34-21-13w Stafford

1801 Broadway Ste 450 Denver CO 80202+3883

RLS #6

Job Ticket: 19136

DST#: 5

ATTN: Adam Nighswonger

Test Start: 2014.02.16 @ 19:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:20:30
 Time Test Ended: 02:06:30

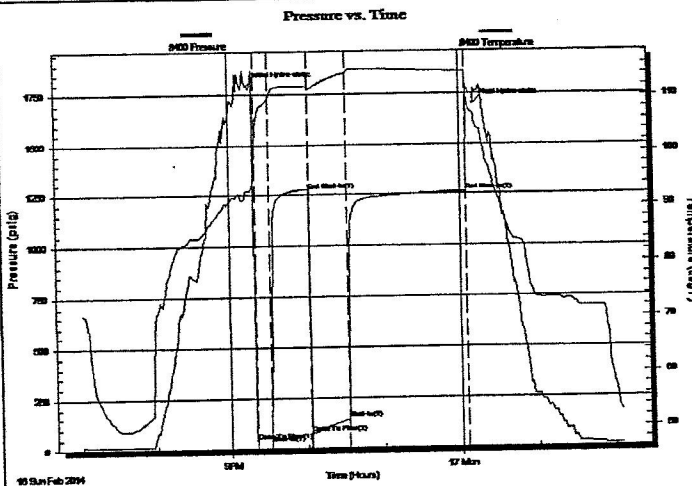
Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3320/50/ Great Bend

Interval: **3730.00 ft (KB) To 3738.00 ft (KB) (TVD)**
 Total Depth: 3738.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1896.00 ft (KB)
 1886.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 1260.82 psig @ 3735.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.16 End Date: 2014.02.17 Last Calib.: 2014.02.17
 Start Time: 19:00:00 End Time: 02:06:30 Time On Btm: 2014.02.16 @ 21:14:30
 Time Off Btm: 2014.02.17 @ 00:11:00

TEST COMMENT: 1st Open/ 10 Minutes. Good blow built into bottom of 5 gallon bucket of water in 4 minutes.
 1st Shut In/ 30 Minutes. Blow back built to 1 inch.
 2nd Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket of water in 6 minutes.
 2nd Shut In/ 90 Minutes. Blow back built to bottom of 5 gallon bucket of water in 70 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1795.59	92.73	Initial Hydro-static
5	42.03	97.40	Open To Flow (1)
17	67.96	109.59	Shut-In(1)
48	1267.43	111.78	End Shut-In(1)
48	73.24	111.32	Open To Flow (2)
78	141.78	114.18	Shut-In(2)
170	1260.82	114.36	End Shut-In(2)
177	1701.97	106.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1071 feet of 100% gas	0.00
630.00	100% Clean gassy oil	8.84

Gas Rates

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