



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.
1515 Wynkoop, Ste 700
Denver Co, 80202
ATTN: Chris Micheal

12-4S-36W
Fisher Cattle #2-12
Job Ticket: 61086 **DST#: 2**
Test Start: 2015.01.25 @ 21:37:00

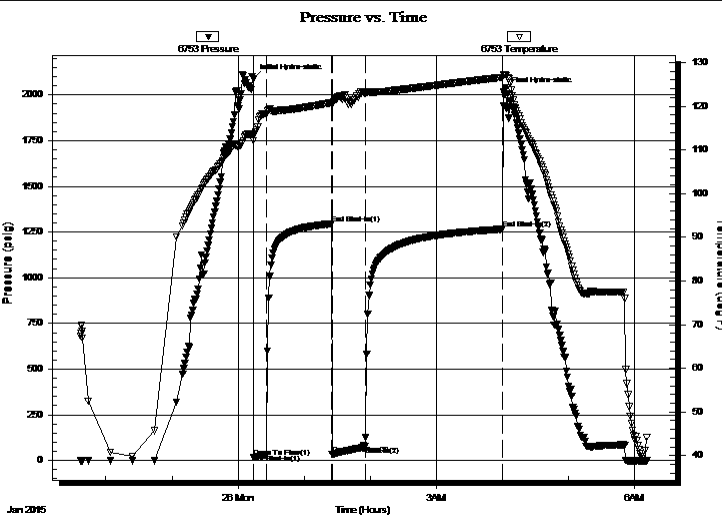
GENERAL INFORMATION:

Formation: **Lans. - 'F & G'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:14:00
Time Test Ended: 06:10:45
Interval: **4257.00 ft (KB) To 4300.00 ft (KB) (TVD)**
Total Depth: 4300.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Royal Fisher
Unit No: #54
Reference Elevations: 3291.00 ft (KB)
3288.00 ft (CF)
KB to GR/CF: 3.00 ft

Serial #: 6753 Outside

Press@RunDepth: 77.81 psig @ 4258.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.01.25 End Date: 2015.01.26 Last Calib.: 2015.01.26
Start Time: 21:37:05 End Time: 06:10:45 Time On Btm: 2015.01.26 @ 00:13:45
Time Off Btm: 2015.01.26 @ 04:01:15

TEST COMMENT: 10 - IF - Surface blow built to 2"
60 - ISI - No Return
30 - FF - Surface blow built to 2"
120 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.46	113.63	Initial Hydro-static
1	16.70	112.17	Open To Flow (1)
12	31.82	118.10	Shut-In(1)
71	1294.70	120.80	End Shut-In(1)
72	33.34	120.34	Open To Flow (2)
102	77.81	122.90	Shut-In(2)
226	1265.88	126.62	End Shut-In(2)
228	2016.96	127.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Mud - 100M	0.39

Gas Rates

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



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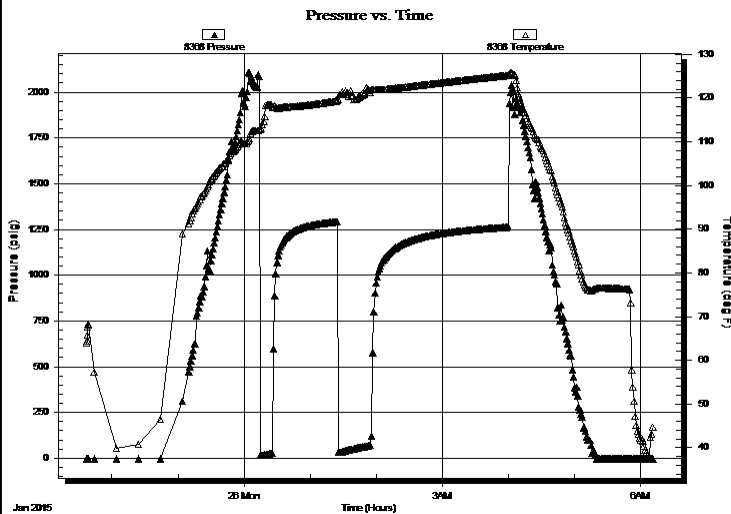
GENERAL INFORMATION:

Formation: **Lans. - 'F & G'**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:14:00 Tester: Royal Fisher
 Time Test Ended: 06:10:45 Unit No: #54
 Interval: **4257.00 ft (KB) To 4300.00 ft (KB) (TVD)** Reference Elevations: 3291.00 ft (KB)
 Total Depth: 4300.00 ft (KB) (TVD) 3288.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 3.00 ft

Serial #: 8368

Press @ Run Depth: psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.25 End Date: 2015.01.26 Last Calib.: 2015.01.26
 Start Time: 21:37:05 End Time: 06:10:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10 - IF - Surface blow built to 2"
 60 - ISI - No Return
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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Mud - 100M	0.39

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. & Assc.

12-4S-36W

1515 Wynkoop, Ste 700
Denver Co, 80202

Fisher Cattle #2-12

Job Ticket: 61086

DST#: 2

ATTN: Chris Micheal

Test Start: 2015.01.25 @ 21:37:00

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	Mud - 100M	0.393

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

