



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

Funk #1-8

1515 Wynkoop
Ste 700
Denver Co 80202
ATTN: Tom Fertal

8-16s-15w Barton

Job Ticket: 40857 **DST#: 2**

Test Start: 2010.10.05 @ 18:57:30

GENERAL INFORMATION:

Formation: **LKC F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:18:25

Time Test Ended: 03:47:25

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 3304.00 ft (KB) To 3328.00 ft (KB) (TVD)

Reference Elevations: 1972.00 ft (KB)

Total Depth: 3328.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6625 Inside

Press @ Run Depth: 177.84 psig @ 3306.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.05 End Date: 2010.10.06

Last Calib.: 2010.10.06

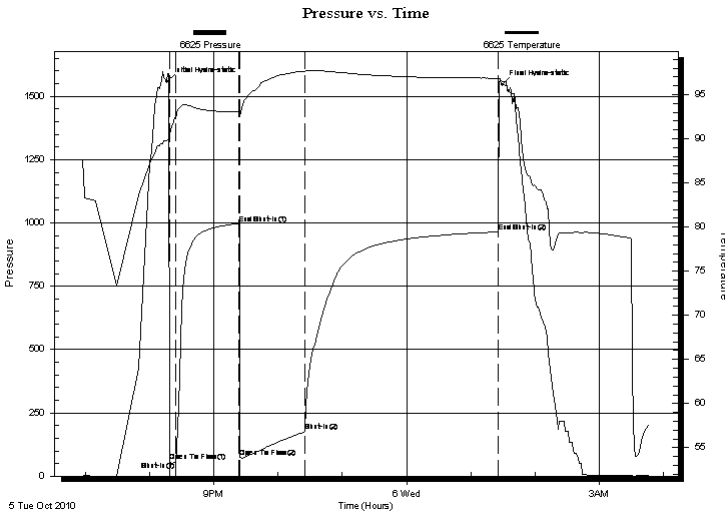
Start Time: 18:57:30 End Time: 03:47:25

Time On Btm: 2010.10.05 @ 20:16:25

Time Off Btm: 2010.10.06 @ 01:29:24

TEST COMMENT: IFP-strg bl in 2 min Sampler Data: 850#PSI
ISIP-no bl bk 2700ML Oil
FFP-strg bl in 1 min 300 ML Water
FSIP-strg bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1556.49	89.84	Initial Hydro-static
2	58.80	89.64	Open To Flow (1)
8	58.80	92.26	Shut-In(1)
67	997.49	93.07	End Shut-In(1)
68	72.76	92.63	Open To Flow (2)
129	177.84	97.66	Shut-In(2)
309	964.25	96.87	End Shut-In(2)
313	1544.35	96.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1155'GIP	0.00
205.00	CO	2.88
124.00	MGO 25%G55%O20%M	1.74
62.00	SOCMW 2%O10%M88%W	0.87

Gas Rates

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



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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 8.72 in³
Resistivity: ohm.m
Salinity: 5400.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 34 deg API
Water Salinity: 73000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1155'GIP	0.000
205.00	CO	2.876
124.00	MGO 25%G55%O20%M	1.739
62.00	SOCMW 2%O10%M88%W	0.870

Total Length: 391.00 ft Total Volume: 5.485 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .13 @ 65F

Pressure vs. Time

