



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67206-1094
 ATTN: Bryon Bynog

30 15s 12w Russell
LANG NCR # 6
 Job Ticket: 46417 **DST#: 2**
 Test Start: 2012.02.05 @ 01:54:04

GENERAL INFORMATION:

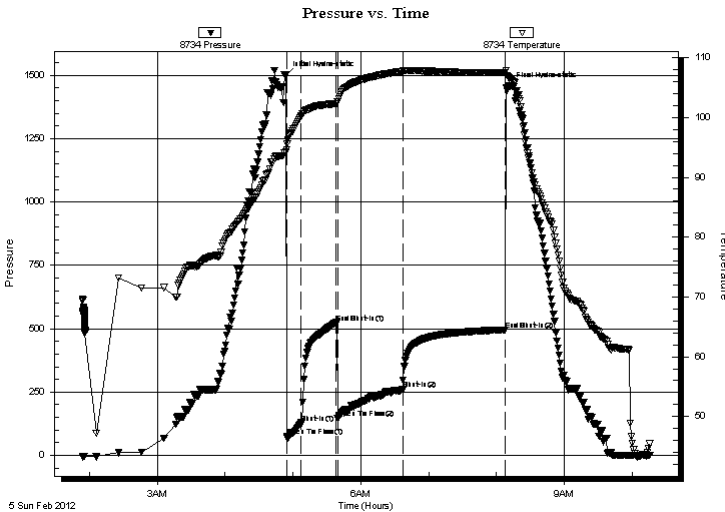
Formation: **LKC "F-G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:55:04
 Time Test Ended: 10:16:04
 Interval: **3120.00 ft (KB) To 3147.00 ft (KB) (TVD)**
 Total Depth: 3147.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: BRIAN
 Unit No: 41
 Reference Elevations: 1887.00 ft (KB)
 1877.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8734 Outside

Press @ RunDepth: 259.57 psig @ 3124.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.05 End Date: 2012.02.05 Last Calib.: 2012.02.05
 Start Time: 01:54:05 End Time: 10:16:04 Time On Btm: 2012.02.05 @ 04:53:34
 Time Off Btm: 2012.02.05 @ 08:11:04

TEST COMMENT: IFP- BOB 45 sec
 ISIP- BOB 3 min
 FFP- BOB 3 min GTS 60 min
 FSIP- BOB 2 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1500.71	94.21	Initial Hydro-static
2	74.63	95.62	Open To Flow (1)
14	127.39	100.12	Shut-In(1)
45	522.92	102.31	End Shut-In(1)
46	145.21	102.70	Open To Flow (2)
104	259.57	107.74	Shut-In(2)
194	495.97	107.54	End Shut-In(2)
198	1456.66	106.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	MW 85%W, 15%M	0.93
60.00	GW & MCO 10%G, 70%O, 10%W, 10%M	0.30
190.00	FREE OIL 95%O, 5%M	0.93
45.00	HGOCM 45%G, 25%O, 30%M	0.22
50.00	HOCM 30%O, 70%M	0.25

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 38000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	MW 85%W, 15%M	0.934
60.00	GW & MCO 10%G, 70%O, 10%W, 10%M	0.295
190.00	FREE OIL 95%O, 5%M	0.934
45.00	HGOCM 45%G, 25%O, 30%M	0.221
50.00	HOCM 30%O, 70%M	0.246

Total Length: 535.00 ft Total Volume: 2.630 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: GTS

Pressure vs. Time

