



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

SGA
 1515 Wynkoop STE 700
 Denver co 80202
 ATTN: Dan Pritchard

15-17S-12W Barton Co
Daniel Demel 1-15
 Job Ticket: 57547 **DST#: 1**
 Test Start: 2014.05.18 @ 18:26:00

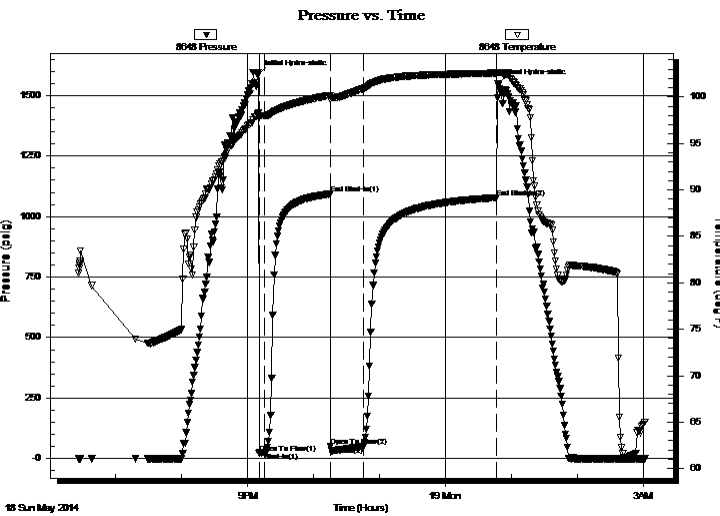
GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:10:00 Tester: Tim Phillips
 Time Test Ended: 03:01:00 Unit No: 73
 Interval: **3211.00 ft (KB) To 3252.00 ft (KB) (TVD)** Reference Elevations: 1853.00 ft (KB)
 Total Depth: 3252.00 ft (KB) (TVD) 1843.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8648

Press @ Run Depth: 49.21 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.18 End Date: 2014.05.19 Last Calib.: 2014.05.19
 Start Time: 18:26:05 End Time: 03:01:00 Time On Btm: 2014.05.18 @ 21:09:15
 Time Off Btm: 2014.05.19 @ 00:47:30

TEST COMMENT: IFP- Blow built to 6.25 in
 IS- Dead no blow back
 FF- BOB in 5 min
 FS- Blow built to 2.75 in. died back to 2 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1585.59	98.23	Initial Hydro-static
1	21.76	97.76	Open To Flow (1)
6	26.93	97.97	Shut-In(1)
66	1093.33	100.18	End Shut-In(1)
66	49.72	99.74	Open To Flow (2)
96	49.21	100.92	Shut-In(2)
217	1078.35	102.57	End Shut-In(2)
219	1547.37	102.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
88.00	GOWCM 20%G, 20% W, 20% M, 40% O	1.23
5.00	WCM 40%M, 60% W	0.07
0.00	660 ft GIP	0.00

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:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
88.00	GOWCM 20%G, 20% W, 20% M, 40% O	1.234
5.00	WCM 40%M, 60% W	0.070
0.00	660 ft GIP	0.000

Total Length: 93.00 ft Total Volume: 1.304 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 2000ml GOWCM @ 500 psi

