

DRILL STEM TEST REPORT

Bird Dog Oil LLC

23-19s-11w Barton

1801 Broadway Suite 450
Denver, Colorado 80202

Lakin-Sieker #2-23

Job Ticket: 19250

DST#: 1

ATTN: Adam Nighswonger

Test Start: 2014.06.21 @ 00:00:00

GENERAL INFORMATION:

Formation: **Kansas City "J-K & L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Inflate Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-

Interval: **3240.00 ft (KB) To 3308.00 ft (KB) (TVD)**

Total Depth: 3308.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1785.00 ft (KB)

1777.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8938

Inside

Press@RunDepth: 172.67 psig @ 3303.79 ft (KB)

Start Date: 2014.06.21

End Date:

2014.06.21

Capacity: 5000.00 psig

Last Calib.: 2014.06.21

Start Time: 01:00:00

End Time:

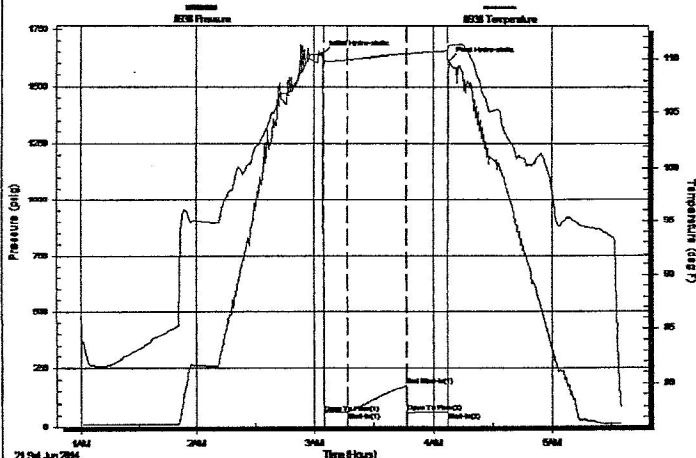
05:35:30

Time On Btm: 2014.06.21 @ 03:04:30

Time Off Btm: 2014.06.21 @ 04:08:00

TEST COMMENT: 1st Opening 10 Minutes weak to very weak surface blow
1st Shut-in 30 Minutes-No blow back
2nd Opening 15 Minutes-No blow
No 2nd shut-in taken pulled tool after being open 15 minutes on the 2nd opening

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.73	110.21	Initial Hydro-static
1	58.45	109.27	Open To Flow (1)
12	62.33	109.86	Shut-In (1)
42	172.67	110.44	End Shut-In (1)
43	60.60	110.41	Open To Flow (2)
63	62.42	110.73	Shut-In (2)
64	1611.36	111.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling mud with a good show of free	0.14

Gas Rates

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